



GLOW PLUGS FOR ECOLOGICAL DIESEL ENGINES

Diesel engines produce the highest amount of pollution during the first few minutes after starting.

If the glow plugs stay on during this short time, the temperature into the pre-chamber, or into the combustion chamber of a direct injection engine, remains at about 1.000°C allowing a better ignition and reducing the emission of polluting gasses by about 30 - 40%..

The CEE regulation n. 91-542 of the 1st October 1991, has forced all the vehicles manufacturers to provide the new engines with specific controllers within 1996.

The performances of the glow plugs have therefore been adequate to these new relays that, allowing a shorter pre-heating time, prolong the post-heating for a longer period of time at an average voltage up to 14V.

Thanks to the new technology and specific material, our factory has gradually adjusted its product to the new requirements of a faster Pre-heating (4 to 7 sec.) and Post-heating time (up to 180 sec. after starting).

As a result, from an application point of view, this new generation of glow plugs can substitute all the older models having the same dimension and whose pre and post-heating time match those within the limits of the modern types.

Consequently, many references originally installed during the past 30 years (the we call STANDARD) can be replaced by those of the new and shorter range manufactured both with Single Coil (that we call COMPACT) and Twin Coil (that we call GENESIS).

COMPACT and GENESIS glow plugs that substitute the STANDARD range having different rated voltages, will be marked with the battery Voltage (i.e. 12V or 24V)

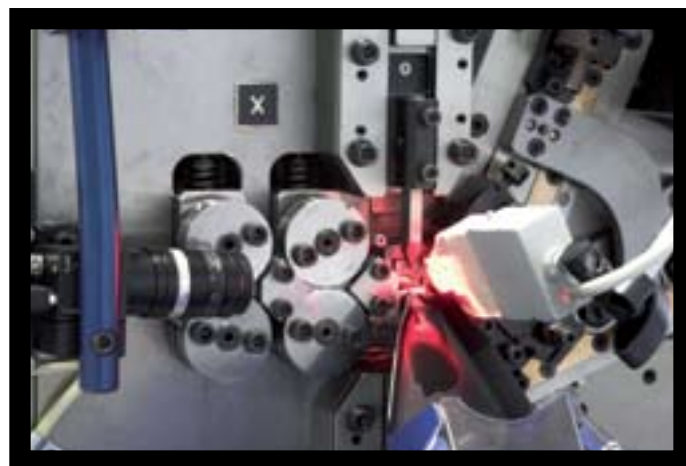
The best performances as to the rapidity to reach the pre-heating temperature and strength to carry on long post-heating time are surely given by the Twin Coil models (GENESIS).

Glow plugs are always controlled by a relay that regulates both Pre and Post-heating time.

In the Japanese engines the relays carry out a dual purpose:

- » 'Open' so to permit the pre-heating at the battery forward voltage (12V or 24V)
- » 'Pilot' during post-heating by means of the automatic insertion of a resistance that, after starting, reduces the current to the voltage marked on the glow plug.

In these circumstances the indication of the voltage on the glow plug does not imply a specific feature of the glow plug itself but the voltage the relay forwards during the post-heating to hold the temperature at 900/1000°C for a period of about 15 sec.





CANDELETTE DI PRE-POST RISCALDO PER MOTORI ECOLOGICI

I motori diesel producono il punto di massimo inquinamento atmosferico nei primi minuti successivi all'avviamento.

Tenendo attivate le candele diesel durante questo periodo, la temperatura all'interno della Precamera, o nel caso dei motori ad iniezione diretta all'interno della camera di scoppio, sarà mantenuta a circa 1.000°C consentendo quindi una migliore combustione del carburante e riducendo del 30-40% l'emissione dei gas inquinanti. La direttiva CEE n°91-542 del 1 Ottobre 1991 ha obbligato, a decorrere dal 1992 ed entro il termine massimo del 1996, tutti i costruttori ad equipaggiare i nuovi motori con centraline che garantissero queste prestazioni.

Alle nuove centraline si sono obbligatoriamente dovute adeguare le prestazioni delle candele che, oltre a soddisfare tempi di Pre-Riscaldamento sempre più rapidi, avrebbero dovuto sopportare anche Tempi di Post-Riscaldamento molto lunghi ed a tensioni medie di alimentazione di circa 14V.

Con il supporto di nuove tecnologie e di materiali specifici la nostra fabbrica ha gradualmente adeguato tutta la produzione alle esigenze dei nuovi parametri sia di Pre-Riscaldamento Rapido (da 4 a 7 sec.), sia di Post-Riscaldamento Prolungato (fino a 180 sec. dopo l'avvenuto avviamento).

Dal punto di vista applicativo ne consegue che tutte le vecchie candele di uguale configurazione ed i cui tempi di Pre-riscaldamento e di Post-riscaldamento risultano entro i parametri dei modelli costruiti con le nuove tecnologie, possono essere da questi rimpiazzati.

Ne deriva che moltissimi codici già installati in origine nel corso degli ultimi 30 anni (da noi denominati STANDARD), possono essere sostituiti da quelli della nuova e più ristretta gamma costruita sia in versione Monofilamento (da noi denominata COMPACT), sia in versione Doppio Filamento (da noi denominata GENESIS).

Le candele COMPACT e GENESIS che rimpiazzeranno modelli STANDARD con differenti Tensioni nominali, saranno identificate con i Volts dell'impianto elettrico (12v o 24v).

Le prestazioni migliori sia per quanto riguarda la rapidità del raggiungimento della temperatura Pre-riscaldamento per l'avviamento, sia per quanto riguarda la robustezza nel sostenere i lunghi tempi di Post-riscaldamento, sono sicuramente fornite dai modelli in Doppio Filamento (GENESIS).

Le candele sono sempre pilotate da una centralina che "controlla" il tempo sia di Pre che di Post-Riscaldamento.

Nei motori Giapponesi le centraline svolgono una duplice funzione:

- » "Libera" nel consentire l'azione di Pre-Riscaldamento con il pieno apporto della tensione della batteria;
- » "Pilota" nella funzione di Post-Riscaldamento tramite l'inserimento automatico di una resistenza che abbasserà, dopo l'avviamento, la tensione di alimentazione ai Volts riportati sulla candela.

In questi casi pertanto la dicitura della tensione riportata sulla candela non indica una caratteristica della candela stessa, bensì la tensione che la centralina abbinata erogherà in fase di Post-riscaldamento per mantenerla ad una temperatura di 900 / 1.000°C per un tempo di circa 15 sec.

BOUGIES DE PRECHAUFFAGE POUR MOTEURS DIESELS

Le point de pollution le plus élevé dans les moteurs Diesels se produit pendant les premières minutes après le démarrage.

Si les bougies continuent à être allumées durant cette période de temps, la température dans la préchambre ou dans la chambre de combustion, dans le cas de moteurs à injection directe, se stabilisera à environ 1.000°C afin de permettre une meilleure injection en réduisant de 30-40% l'émission de gaz polluants.

Le règlement CEE n. 91-542 du 1er octobre 1991 a obligé tous les constructeurs à équiper avant 1996 les moteurs avec des relais de préchauffage qui garantissent ces prestations.

De ce fait, les performances des bougies ont dû être adaptées à ces nouveaux relais qui, en permettant un temps de préchauffage plus rapide, prolongent considérablement le temps de post-chauffage à une tension moyenne de 14V.

Grâce aux nouvelles technologies et à des matériaux spécifiques, notre usine a graduellement adaptée toute sa production aux exigences des nouveaux paramètres de Préchauffage (de 4 à 7 sec) et de Post-chauffage (jusqu'à 180 sec. après le démarrage).

Du point de vue de l'application il en résulte que la gamme fabriquée avec la technologie moderne, peut remplacer toutes les anciennes bougies qui ont les mêmes dimensions et dont les temps de pré et post-chauffage entrent dans les caractéristiques de ces nouveaux modèles.

Par conséquent, beaucoup des références installées en origine pendant les 30 dernières années (que nous appelons STANDARD) peuvent être substituées par ceux de la nouvelle et plus courte gamme fabriquée soit en Mono Filament (que nous appelons COMPACT) soit Double Filament (que nous appelons GENESIS).

Les bougies COMPACT et GENESIS qui remplacent la gamme STANDARD ayant des tensions nominales différentes, seront marquées avec le Voltage nominal de la batterie (12V ou 24V).

Les meilleures performances au sujet de la rapidité pour atteindre la température de préchauffage, et la résistance à la longue durée de post-chauffage sont évidemment données par les modèles Double Filament (GENESIS).

Le fonctionnement des bougies de préchauffage est toujours contrôlé par un boîtier qui règle soit aussi bien le Pré que le Post chauffage.

Dans les moteurs Japonais le boîtier effectue une double fonction:

- » 'Libre' en permettant le préchauffage à la tension batterie (12V ou 24V)
- » 'Pilote' pendant le post-chauffage par l'insertion automatique d'une résistance qui, après le démarrage, réduit la tension au voltage indiqué sur la bougie.

Dans ces cas l'indication du voltage marqué sur la bougie de préchauffage n'indique pas une caractéristique de la bougie même, mais la tension que le relais distribue pendant le Post chauffage, afin de maintenir la température à 900/1000°C pour environ 15 sec.



ELECTRIC CONNECTOR

CONNETTORE ELETTRICO

CONNECTEUR ELECTRIQUE

RING NUT

GHIERA

ANNEAU D'ÉTANCHÉITÉ

INSULATION GASKET

ISOLANTE

JOINT ISOLANT

PLUG BODY

CORPO

CORPS

THREAD

FILETTATURA

FILETAGE

ELECTRODE

STELO

CONDUCTEUR ELECTRIQUE

SELF REGULATING COIL

SPIRALE DI REGOLAZIONE

SPIRALE RÉGULATRICE

MAGNESIUM OXYDE

OSSIDO DI MAGNESIO

OXIDE DE MAGNESIUM

TUBE

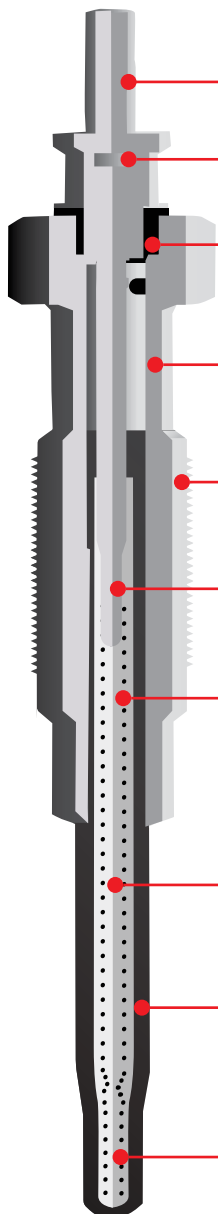
BULBO

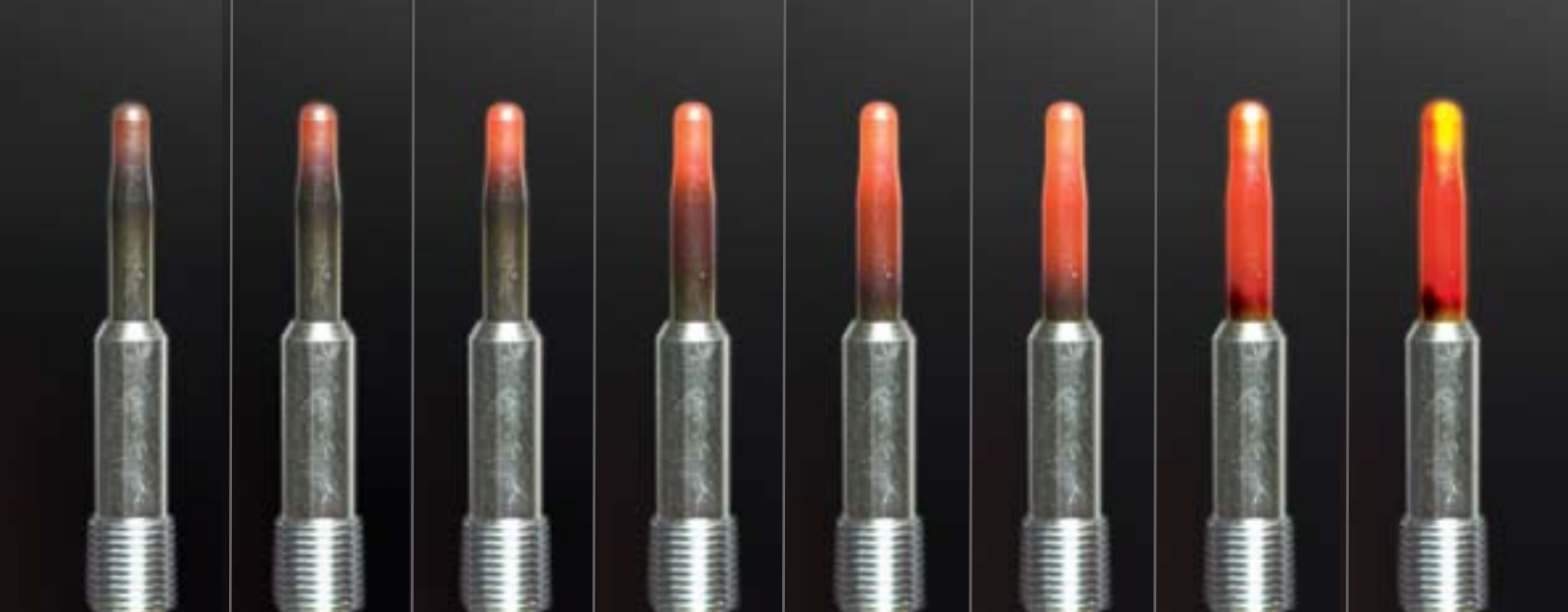
RÉSISTANCE

PRE-HEATING COIL

SPIRALE DI PRERISCALDO

SPIRALE DE PRÉ-CHAUFFAGE





TWIN COIL



DOPPIO FILAMENTO



DOUBLE FILAMENT

V/A

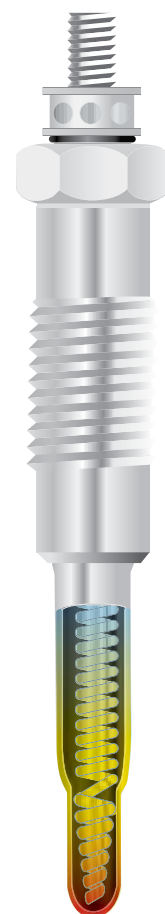
°C



TEMPERATURE [°C]

CURRENT [A]

VOLTAGE [V]



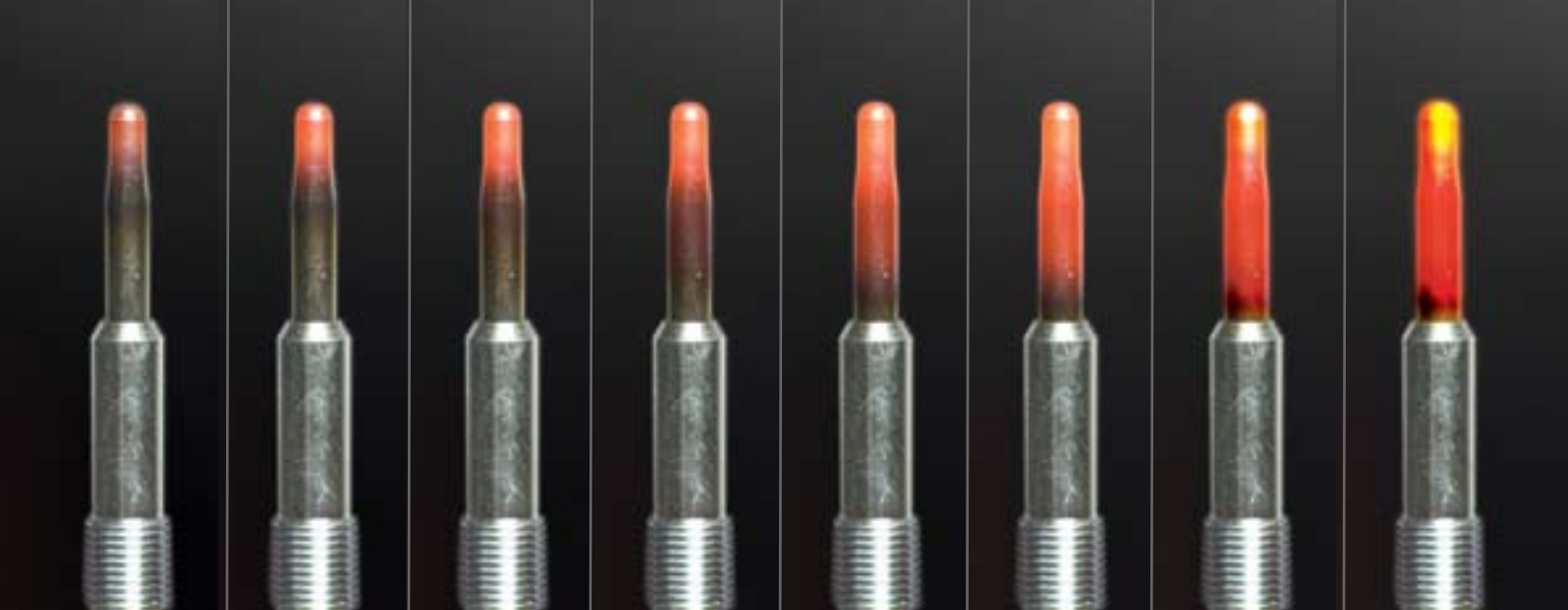
The above plan shows the voltage and temperature during 90 sec. of starting at 11V. The graph represents the stabilization of the two values.



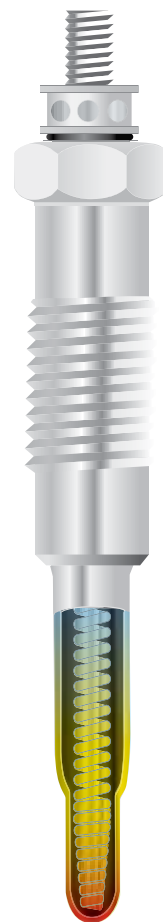
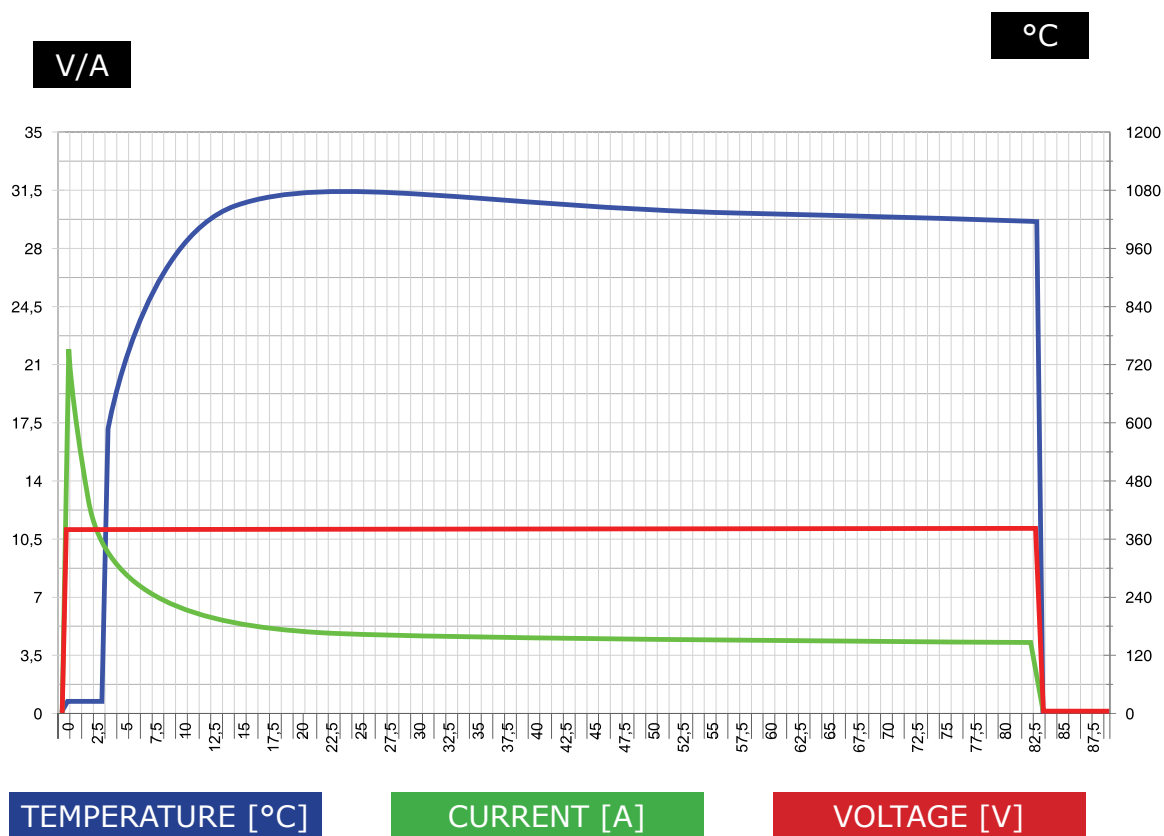
Il diagramma rappresenta l'andamento dei valori di corrente e temperatura durante un'accensione di 90" a 11V. Il grafico evidenzia la tendenza in stabilizzazione delle due categorie di valori.



Le diagramme ci-dessus montre les valeurs de courant absorbé et de température pendant 90 secs de démarrage à 11V. La courbe présente la stabilisation des deux valeurs.



 SINGLE COIL
  MONO FILAMENTO
  MONO FILAMENT



 The above plan shows the voltage and temperature during 90 sec. of starting at 11V. The graph represents the stabilization of the two values.

 Il diagramma rappresenta l'andamento dei valori di corrente e temperatura durante un'accensione di 90" a 11V. Il grafico evidenzia la tendenza in stabilizzazione delle due categorie di valori.

 Le diagramme ci-dessus montre les valeurs de courant absorbé et de température pendant 90 secs de démarrage à 11V. La courbe présente la stabilisation des deux valeurs.



A



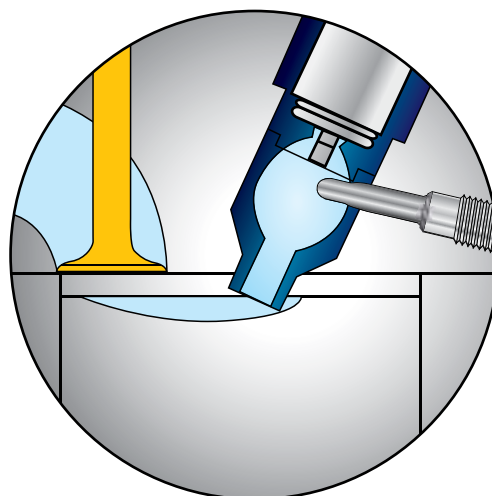
Precombustion Chamber Engine



Motore con precamera



Moteur à préchambre



B



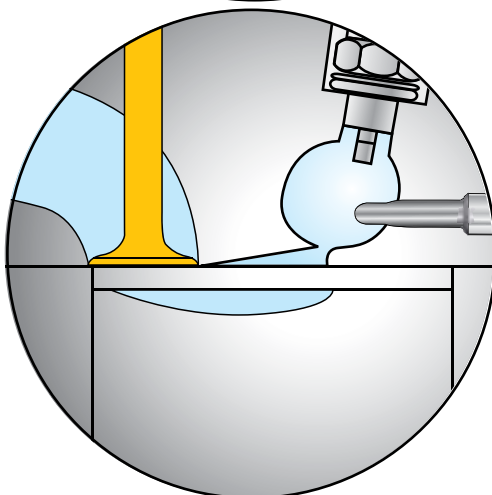
Turbulence Chamber Engine



Motore con camera di turbolenza



Moteur à chambre de turbulence



C



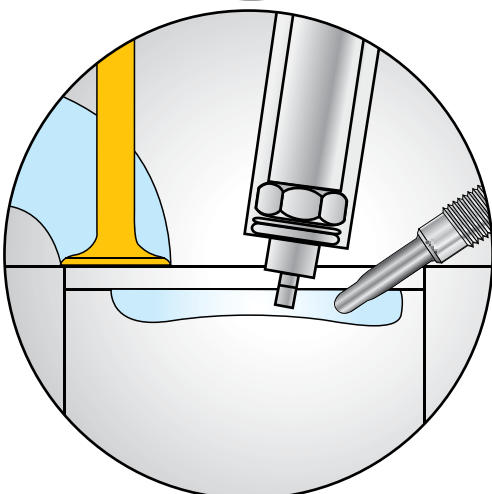
Direct Injection engine



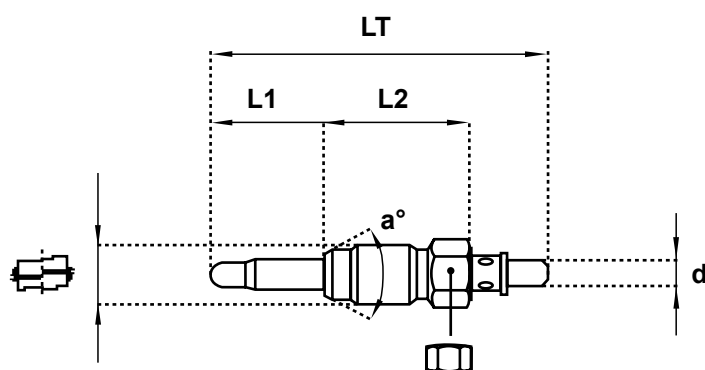
Motore a iniezione diretta



Moteur à injection directe



TECHNICAL FEATURES
CARATTERISTICHE TECNICHE
DONNEES TECHNIQUES



	DIMENSIONS									Tube Diam.	Plan n.
Our Ref.	L1	L2	LT			d	V	T ± 1"	a°		
Twin Coil											
GJ106TO	23	53	97	12	M10X1,25	M4	21,0	6	93	5	1
GJ10IS	24	48,5	91	12	M10X1,25	M4	20,5	6	123	5	2
GJ1136IS	24	92,5	134	12	M10X1,25	M4	11,0	6	123	5	3
GJ1143IS	24	103,5	144	12	M10X1,25	M4	11,0	6	123	5	4
GJ114TO	32	43	91	12	M10X1,25	M4	12,0	6	93	5	5
GJ117TO	24	58,5	104	12	M10X1,25	M4	11,0	6	123	5	6
GJ118TO	28	53	97	12	M10X1,25	M4	24,0	6	93	5	7
GJ121TO	28	53	97	12	M10X1,25	M4	12,0	6	93	5	8
GJ125TO	32	43	91	12	M10X1,25	M4	24,0	6	93	5	9
GJ12IS	25	96	140	12	M12X1,25	M4	24,0	6	123	5	10
GJ1300MA	22,5	58,5	101	12	M10X1,25	M4	11,0	6	123	5	11
GJ1301MA	30	71	118	12	M10X1,25	M4	11,0	6	123	5	12
GJ1302MA	22	45	87,5	12	M10X1,25	M4	11,0	6	123	5	13
GJ130MA	22,5	45	84	12	M10X1,25	M4	12,0	6	123	5	14
GJ131MA	16	45	75	12	M10X1,25	M4	11,0	6	120	5	15
GJ132MA	22,5	45	84	12	M10X1,25	M4	24,0	6	123	5	16
GJ152HI	22,5	41	86	12	M10X1,25	M4	24,0	6	123	5	17
GJ16IS	24	48,5	89	12	M10X1,25	M4	5,0	5	123	5	18
GJ180KU	16	39	78	12	M10X1,25	M4	12,0	6	123	5	19
GJ24IS	25	96	140	12	M12X1,25	M4	12,0	6	123	5	20
GJ260NI	19	50	85	12	M10X1,25	M4	11,0	6	123	5	21
GJ261NI	18,5	62,5	94,5	12	M10X1,25	M4	11,0	6	123	5	22
GJ262NI	20,5	143	180	12	M10X1,25	M4	11,0	6	123	5	23
GJ263NI	16	52,5	82	12	M10X1,25	M4	11,0	6	123	5	24
GJ264NI	22,5	175	212	12	M10X1,25	M4	11,0	6	123	5	25
GJ26IS	18	48,5	85	12	M10X1,25	M4	12,0	6	123	5	26
GJ28IS	24	48,5	89	12	M10X1,25	M4	12,0	6	123	5	27
GJ29IS	18	53	86	12	M10X1,25	M4	11,0	6	123	5	28
GJ31MI	22,5	45	84	12	M10X1,25	M4	10,5	6	93	5	29
GJ32MI	29	85	134	12	M10X1,25	M4	22,5	6	123	5	30
GJ37MI	35	114,5	170	12	M10X1,25	M4	11,0	6	123	5	31
GJ38MI	24	36	75	12	M10X1,25	M4	10,5	6	123	5	32
GJ39MI	22	47,5	89	12	M10X1,25	M4	11,0	6	123	5	33
GJ42MI	23	52,5	97	12	M10X1,25	M4	21,0	6	123	5	34
GJ49MI	25	85	131	12	M10X1,25	M4	23,0	6	123	5	35
GJ53MI	18	45	85	12	M10X1,25	M4	11,0	6	123	5	36
GJ54MI	20	59	97	12	M10X1,25	M4	20,5	6	/	5	37
GJ55MI	22	52	91	12	M10X1,25	M4	12,0	6	123	5	38
GJ58MI	22,5	45	81	12	M10X1,25	M4	22,0	6	93	5	39
GJ59NI	18,5	47,5	84	12	M10X1,25	M4	11,0	6	123	5	40

TECHNICAL FEATURES

Twin Coil

	DIMENSIONS									Tube Diam.	Plan n.
Our Ref.	L1	L2	LT			d	V	T ± 1"	a°		
Twin Coil											
GJ67NI	21	55	93	14	M12X1,25	M4	24,0	6	123	5	41
GJ68NI	21	55	93	14	M12X1,25	M4	12,0	6	123	5	42
GJ69NI	24,5	47,5	91	12	M10X1	M4	12,0	6	123	5	43
GJ75NI	20	26	61	12	M12X1,25	M5	12,0	6	63	6	44
GJ80NI	19	39	75	12	M10X1,25	M4	24,0	6	123	5	45
GJ81NI	24,5	47,5	91	12	M10X1,25	M4	12,0	6	123	5	46
GJ84NI	18	33,5	68	12	M10X1,25	M4	12,0	6	123	5	47
GJ85NI	18	33,5	68	12	M10X1,25	M4	24,0	6	123	5	48
GJ88NI	22	52	88	12	M10X1,25	M4	24,0	6	123	5	49
GJ93TO	37	112	170	12	M10X1,25	M4	11,0	6	93	5	50
GJ94TO	36	103	160	10	M10X1,25	M4	11,0	6	93	5	51
GX 102	29	61	111	10	M10X1	M4	11,0	5	63	5	52
GX 103	24	57	103	10	M10X1	4	11,0	5	63	5	53
GX 106	32	46	106	10	M10X1	4	11,0	5	63	5	54
GX 107	27	63,5	107	10	M10X1	M4	11,0	5	63	5	55
GX 108	24	61	107	10	M10X1	4	11,0	5	63	5	56
GX 116	27,5	67,5	116	12	M12X1,25	4	11,5	6	63	6	57
GX 117	27	75	118	10	M10X1	M4	11,0	5	63	5	58
GX 119	27,5	67,5	120	12	M12X1,25	5	11,5	5	63	5	59
GX 120	34	70	120	10	M10X1	M4	11,0	5	93	5	60
GX 122	39	58	121	10	M10X1	4	11,5	5	63	5	65
GX 123	25	83	130	10	M10X1	4	11,0	5	63	5	62
GX 124	34,5	70	126,5	10	M10X1	4	12,0	5	63	5	63
GX 125	26,5	83	125	10	M10X1	M4	11,5	5	93	5	64
GX 126	28	83	129	10	M10X1	M4	11,0	5	63	5	61
GX 127	26	83	125	10	M10X1	M4	23,0	5	93	5	66
GX 128	30	83	128	10	M10X1	M4	11,5	5	63	5	67
GX 129	27	80	129	10	M10X1	4	11,5	5	63	5	68
GX 130	31	77	128,5	10	M10X1	4	11,0	5	93	5	69
GX 131	26	83	131	10	M10X1	4	11,5	5	93	5	70
GX 132	28	77	133	10	M10X1	4	11,0	5	63	5	71
GX 133	29	77	134	10	M10X1	4	11,0	5	63	5	71
GX 135	29,5	77	134,5	10	M10X1	4	11,0	5	63	5	72
GX 137	28	93	136,5	12	M10X1,25	M4	11,0	5	123	5	73
GX 145	24	92,5	144	10	M10X1	4	11,0	5	123	5	74
GX 148	35	96	147	10	M10X1	M4	11,5	5	93	5	75
GX 149	26	102	150,5	8	M10X1	4	11,5	5	93	5	76
GX 150	24	105	151	10	M10X1	4	11,0	5	63	5	77
GX 59	20	25,3	58	12	M12X1,25	M5	11,0	6	63	6	78
GX 60	20	27	61	12	M12X1,25	M5	11,0	6	63	6	79
GX 61	18	29	61	12	M12X1,25	M4	10,0	6	63	6	80
GX 63	25	27	68	12	M12X1,25	M4	11,0	5	63	5	81
GX 64	24	27	67	12	M12X1,25	M5	11,0	6	63	6	82
GX 66	20	32	66	12	M12X1,25	M4	11,0	5	63	5	83
GX 67	25	32	71	12	M12X1,25	M4	11,0	5	63	5	84
GX 68	21	32	66	12	M12X1,25	M5	11,0	6	63	6	85
GX 69	24,5	32	71	12	M12X1,25	M5	11,0	6	63	6	86
GX 70	21	32	69	12	M12X1,25	M5	11,5	6	63	6	87
GX 74	24,5	32	71	12	M12X1,25	M5	11,0	6	63	6	88
GX 76	20	25,3	76,6	12	M12X1,25	4	11,0	6	63	6	89

	DIMENSIONS									Tube Diam.	Plan n.
Our Ref.	L1	L2	LT			d	V	T ± 1"	a°		
Twin Coil											
GX 78	28	32	76	12	M12X1,25	M5	11,0	6	63	6	90
GX 79	24,5	38	75	10	M10X1	M4	11,0	5	63	5	91
GX 80	29	25,3	81	12	M12X1,25	4	12,0	6	63	6	92
GX 81	24,5	32	83	12	M12X1,25	4	11,0	6	63	6	93
GX 82	24	43	89	10	M10X1	4	11,0	5	63	5	94
GX 83	24,5	42	79	10	M10X1	M4	11,0	5	63	5	95
GX 84	24	46	83	10	M10X1	M4	11,0	5	63	5	96
GX 86	27	37	86,5	12	M12X1,25	4	11,5	5	63	5	97
GX 89	29	46	89	10	M10X1	M4	11,0	5	63	5	98
GX 90	29	46	89	10	M10X1	M4	11,0	5	63	5	98
GX 91	20	30	76,5	12	M12X1,25	4	11,0	6	63	6	99
GX 93	24	46	92	10	M10X1	4	11,0	5	63	5	100
GX 94	24,5	53	93	10	M10X1	M4	11,0	5	63	5	101
GX 95	24	57	95	10	M10X1	M4	11,0	5	63	5	102
GX 96	24,5	55	96	10	M10X1	M4	10,0	5	93	5	103
GX 97	29	46	97	10	M10X1	4	11,0	5	63	5	104
GX 98	29	46	97	10	M10X1	4	11,0	5	63	5	104
GX 99	24,5	53	99,5	10	M10X1	4	11,0	5	63	5	105
GX 2097	29	46	97	10	M10X1	4	5,0	3	63	5	106
GX 2106	32	46	106	10	M10X1	4	5,0	3	63	5	107
GX 2117	29,5	70	117	8	8X1	4	4,4	3	93	4	108
GX 2127	24	81	127	10	M10X1	4	4,4	3	63	4	109
GX 2133	30,5	80	133	10	M10X1	4	5,0	3	63	5	110
GX 2135	29,5	77	134,5	10	M10X1	4	5,0	3	63	5	111
GX 2152	31	101	153,5	10	M10X1,25	M4	11,0	6	123	3,5	112
GX 4118	27,5	75	118	8	M8X1	M4	11,0	5	123	4	113
GX 4119	28	70	119	8	M8X1	4	11,0	5	93	4	114
GX 4126	25	80	126,5	8	M8X1	4	11,0	5	93	4	115
GX 4149	27	100	148,5	8	M8X1	4	11,5	5	93	4	116
GX 4151	29,5	100	152	9	M9X1	/	11,0	5	93	4	117
GX 4152	24,5	105	151	10	M10X1	4	11,0	5	63	4	118
GX 4153	40	90	152	8	M8X1	/	11,0	5	93	4	119
GUS555CH	27,5	27,5	76,3	9,5	M10X1	/	12,0	5	90	5	120
GUS560CH	27,5	33,5	80	9,5	M10X1	M4	11,0	5	90	5	121
GUS565CH	27,5	33,5	79,3	9,5	M10X1	/	11,0	5	90	5	122
GUS566CH	27,5	33,5	82,8	9,5	M10X1	/	6,0	5	90	5	123
GUS575CH	27,5	33,5	82	9,5	M10X1	3,8	5,0	5	90	5	127
WW 68	29	25,3	68	12	M12X1,25	M5	11,0	6	63	6	126

	DIMENSIONS					d	V	T ± 1"	a°	Tube Diam.	Plan n.
Our Ref.	L1	L2	LT								
Single Coil											
AN101	29,5	34,2	100	19	M18X1,5	7	12,0	22	/	6	124
AN107	36,1	34,2	106,6	19	M18X1,5	7	12,0	22	/	6	125
AN201	29,5	34,2	100	19	M18X1,5	7	24,0	22	/	6	124
AN207	36,1	34,2	106,6	19	M18X1,5	7	24,0	22	/	6	125
AN 400 PG	38	34,5	93	21	M18X1,5	M5	9,5	17	60	6	129
AN 450 PG	30	53,5	100	14	M14X2	M5	9,5	17	60	6	130
AN 500 CI	24,5	42	82	17	M14X1,25	M5	9,5	17	60	6	131
AN 600 OP	28	34	77	14	M14X1,25	M5	11,0	17	63	6	132
AN 650 OP	28	34	77	17	M14X1,25	M5	8,0	17	60	6	133
AN 700 IH	25	47,5	87,5	9,5	3/8" 24s	/	12,0	17	90	5	134
AN 750 IH	26	81	127,8	9,5	3/8" 24s	/	11,0	6	63	5	135
AN 800 KH	28	44,5	93	21	M18X1,5	M5	9,5	18	60	6	136
AN 810 KH	21	37,5	77	21	M18X1,5	M5	18,0	18	60	6	137
AN 820 KH	38	34,5	93	21	M18X1,5	M5	10,5	18	60	6	129
AN 830 KH	21	37,5	77	21	M18X1,5	M5	9,5	18	60	6	137
AN 840 KH	28	44,5	93	21	M18X1,5	M5	10,5	18	60	6	138
AN 900 HA	34	34,5	93	21	M18X1,5	M5	9,5	17	60	6	129
AN 920 VO	38	34,5	93	21	M18X1,5	M5	9,5	20	60	6	129
AN 930 VO	38	34,5	86,1	21	M18X1,5	M5	22,5	22	60	6	129
AN 1000 ME	27,4	32	88	21	M18X1,5	M5	0,9	17	60	/	138
AN 1020 ME	27,4	32	88	21	M18X1,5	M5	0,9	17	60	/	138
AN 1050 RO	19	54	105	17	M14X1,25	M5	1,7	17	60	/	139
AN 1181 WE	43,5		64	19	M14X1,25	4	12,0				140
AN 1182 EB	42,5		62,5	19	M14X1,25	M4	12,0				141
AN 1183 WE	43,5		64	19	M14X1,25	4	24,0				142
AN 1184 PK	55		105	26	M22X1,5	M5	12,0				143
AN 1186 FD	65		89	26	M22X1,5	M5	11,0				144
AN 1200 ME	29	35	77	21	M18X1,5	M5	9,0	8	63	6	145
E 200 PE	28	48	97	17	M10X1	M4	12,0	17	90	4	146
JA102 TO	28	53	97	12	M10X1,25	M4	8,5	7	93	5	8
JA108 TO	32	43	91	12	M10X1,25	M4	11,0	7	93	5	5
JA109 TO	28	53	97	12	M10X1,25	M4	11,0	7	93	5	8
JA110 TO	28	53	97	12	M10X1,25	M4	8,5	7	93	5	8
JA111 TO	28	53	97	12	M10X1,25	M4	11,0	7	93	5	8
JA114 TO	32	43	91	12	M10X1,25	M4	11,0	7	93	5	5
JA116 TO	28	53	97	12	M10X1,25	M4	7,0	7	93	5	8
JA117TO	24	58,5	104	12	M10X1,25	M4	11,0	7	123	5	6
JA121 TO	28	53	97	12	M10X1,25	M4	10,5	7	93	5	8
JA122 TO	32	43	91	12	M10X1,25	M4	7,0	7	93	5	5
JA123 TO	28	53	97	12	M10X1,25	M4	6,0	7	93	5	8
JA127 TO	32	43	91	12	M10X1,25	M4	11,0	7	93	5	5
JA128 TO	32	43	91	12	M10X1,25	M4	11,0	7	93	5	5
JA129 TO	32	43	91	12	M10X1,25	M4	6,0	5	93	5	5
JA130 MA	22,5	45	84	12	M10X1,25	M4	12,0	7	123	5	14
JA131MA	16	45	75	12	M10X1,25	M4	11,0	7	120	5	15
JA133 MA	22,5	45	84	12	M10X1,25	M4	12,0	7	123	5	14
JA135 MA	22,5	45	84	12	M10X1,25	M4	11,0	7	123	5	14
JA136 MA	22,5	45	84	12	M10X1,25	M4	10,5	7	123	5	14
JA137 MA	22,5	45	84	12	M10X1,25	M4	11,0	7	123	5	14

	DIMENSIONS					d	V	T ± 1"	a°	Tube Diam.	Plan n.
Our Ref.	L1	L2	LT								
Single Coil											
JA138 MA	22,5	45	84	12	M10X1,25	M4	12,0	7	123	5	14
JA139 MA	22,5	45	84	12	M10X1,25	M4	10,5	7	123	5	14
JA14 IS	24	48,5	89	12	M10X1,25	M4	9,0	10	123	5	27
JA140 DA	32	41	89	12	M10X1,25	M4	8,0	7	123	5	151
JA142 DA	26	50,5	93	12	M10X1,25	M4	8,0	7	93	5	152
JA144 DA	28	53	97	12	M10X1,25	M4	7,0	7	93	5	8
JA146 DA	28	53	97	12	M10X1,25	M4	11,0	7	93	5	8
JA148 DA	28	53	97	12	M10X1,25	M4	11,0	7	93	5	8
JA151 HI	25	96	140	12	M12X1,25	M4	10,5	11	120	5	20
JA153 HI	28	53	97	12	M10X1,25	M4	8,5	7	93	5	8
JA16 IS	24	48,5	89	12	M10X1,25	M4	5,0	5	123	5	27
JA160 KO	24,5	55	97	12	M10X1,25	M4	22,5	14	123	5	153
JA168 KO	28	53	97	12	M10X1,25	M4	8,5	7	93	5	8
JA170 CA	22,5	83,5	117,5	9,5	3/8" 24s	6,5	24,0	25	120	6	154
JA172 CA	23	52	86,8	8	3/8" 24s	2,3	24,0	22	120	6	155
JA174 CA	22,5	83,5	117,5	9,5	3/8" 24s	6,5	12,0	25	120	6	154
JA176 CA	23	52	86,8	8	3/8" 24s	2,3	12,0	22	120	6	155
JA18 IS	24	48,5	89	12	M10X1,25	M4	9,5	5	123	5	27
JA180KU	16	39	78	12	M10X1,25	M4	10,5	12	123	5	19
JA181 KU	18	33,5	68	12	M12X1,25	M4	10,5	7	123	5	47
JA182 KU	18	33,5	68	12	M12X1,25	M4	10,5	12	123	5	47
JA183 KU	22,5	45	84	12	M10X1,25	M4	10,5	7	123	5	14
JA184 KU	18	33,5	68	12	M12X1,25	M4	11,0	17	123	5	47
JA185 KU	22,5	45	84	12	M10X1,25	M4	12,0	7	123	5	14
JA186KU	24,5	33,5	75	12	M10X1,25	M4	11,0	6	123	5	156
JA189 KU	18	33,5	68	12	M12X1,25	M4	10,0	7	123	5	47
JA20 IS	24	48,5	89	12	M10X1,25	M4	9,5	7	123	5	27
JA22 IS	18	48,5	85	12	M10X1,25	M4	5,0	5	123	5	26
JA24 IS	25	96	140	12	M12X1,25	M4	11,0	11	123	5	20
JA25 IS	24	48,5	89	12	M10X1,25	M4	5,0	5	123	5	27
JA260NI	19	50	85	12	M10X1,25	M4	11,0	7	123	5	21
JA261NI	18,5	62,5	85	12	M10X1,25	M4	11,0	7	123	5	22
JA26IS	18	48,5	85	12	M10X1,25	M4	11,0	7	123	5	26
JA28 IS	24	48,5	89	12	M10X1,25	M4	11,0	7	123	5	27
JA29IS	18	53	86	12	M10X1,25	M4	11,0	7	123	5	28
JA300 YA	18	33,5	68	12	M12X1,25	M4	11,0	7	123	5	47
JA31 MI	22,5	45	84	12	M10X1,25	M4	10,5	7	93	5	29
JA33 MI	22,5	45	84	12	M10X1,25	M4	10,5	7	93	5	29
JA34 MI	16	39	78	12	M10X1,25	M4	10,5	12	120	5	19
JA35 MI	22	38	75	14	M16X1,5	M4	9,0	17	123	5	157
JA36 MI	20,5	42	80	12	M12X1,25	M4	10,5	17	/	5	158
JA40 MI	20,5	42	80	12	M12X1,25	M4	22,5	17	/	5	159
JA41 MI	18,5	47,5	84	12	M10X1,25	M4	11,0	5	123	5	160
JA42 MI	23	52,5	90	12	M10X1,25	M4	21,0	17	120	5	161
JA43 MI	22,5	45	84	12	M10X1,25	M4	11,0	7	123	5	14
JA503HN	29	41	86	10	M10X1	M4	11,5	7	63	5	162
JA51 MI	20,5	42	76,1	12	M12X1,25	M4	11,0	17	/	5	158
JA53MI	18	45	85	12	M10X1,25	M4	11,0	7	123	5	36
JA55 MI	22	52	91	12	M10X1,25	M4	6,2	7	123	5	38
JA56MI	22	52	91	12	M10X1,25	M4	12,0	17	123	5	38

TECHNICAL FEATURES

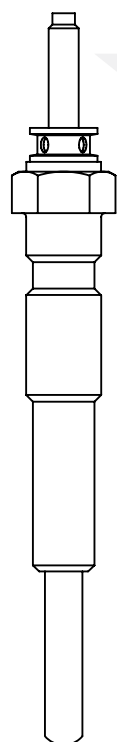
Single Coil

	DIMENSIONS									Tube Diam.	Plan n.
Our Ref.	L1	L2	LT			d	V	T ± 1"	a°		
Single Coil											
JA57 MI	22	52	91	12	M10X1,25	M4	6,0	7	123	5	38
JA59 NI	18,5	47,5	84	12	M10X1,25	M4	11,0	7	123	5	40
JA61 NI	21	55	93	14	M12X1,25	M4	9,5	17	123	5	42
JA62 NI	18	33,5	68	12	M12X1,25	M4	10,5	17	123	5	47
JA63 NI	18	33,5	68	12	M12X1,25	M4	11,0	17	123	5	47
JA65 NI	18	33,5	68	12	M10X1,25	M4	23,0	5	120	5	48
JA68 NI	21	55	93	14	M12X1,25	M4	10,0	7	123	5	42
JA69 NI	24,5	47,5	91	12	M10X1	M4	6,5	7	123	5	43
JA70 NI	18	33,5	68	12	M12X1,25	M4	9,5	17	123	5	47
JA71 NI	24,5	47,5	91	12	M10X1	M4	8,5	7	123	5	43
JA72 NI	18	33,5	68	12	M12X1,25	M4	9,5	17	123	5	47
JA73 NI	18	33,5	68	12	M12X1,25	M4	10,5	7	123	5	47
JA74 NI	18	33,5	68	12	M12X1,25	M4	11,0	17	123	5	47
JA75 NI	20	26	61	12	M12X1,25	M5	8,5	7	63	6	44
JA78 NI	20	26	61	12	M12X1,25	M5	11,0	17	63	6	44
JA8 IS	24	48,5	89	12	M10X1,25	M4	10,5	17	123	5	27
JA81 NI	24,5	47,5	91	12	M10X1,25	M4	8,5	7	120	5	46
JA82 NI	20	26	61	12	M12X1,25	M5	6,5	7	63	6	44
JA83 NI	24,5	47,5	91	12	M10X1,25	M4	6,5	7	120	5	46
JA84 NI	18	33,5	68	12	M12X1,25	M4	11,0	7	123	5	47
JA86 NI	22	52	91	12	M10X1,25	M4	11,0	7	123	5	38
JA87NI	21,5	47,5	84	12	M10X1,25	M4	6,5	5	123	5	148
JA89NI	21,5	47,5	90	12	M10X1,25	M4	6,5	5	123	5	149
JA92 TO	33,5	39	91	17	M14X1,25	M4	8,0	18	120	5	150
JA98 TO	28	53	97	12	M10X1,25	M4	8,0	7	93	5	8
N58	20	25,3	58	12	M12X1,25	M5	11,0	17	63	6	78
N68	21	32	66	12	M12X1,25	M5	11,0	17	63	6	85
N74	24,5	32	71	12	M12X1,25	M5	11,0	17	63	6	88
N75	24,5	32	70,1	12	M12X1,25	M5	18,0	17	63	6	88
N76	24,5	32	71	12	M12X1,25	M5	11,0	17	63	6	88
N78	28	32	76	12	M12X1,25	M5	11,0	17	63	6	90
N79	28	32	76	12	M12X1,25	M5	11,0	17	63	6	90
R69	24,5	32	71	12	M12X1,25	M5	11,0	11	63	6	88
R74	24,5	32	71	12	M12X1,25	M5	11,0	11	63	6	88
R78	28	32	76	12	M12X1,25	M5	11,0	11	63	6	90
SR125	26,5	83	125	10	M10X1	M4	11,5	8	93	5	64
SR58	20	25,3	58	12	M12X1,25	M5	11,0	8	63	6	78
SR59	20	25,3	58	12	M12X1,25	M5	11,0	8	63	6	78
SR60	20	27	61	12	M12X1,25	M5	11,0	8	63	6	79
SR64	24	27	64,6	12	M12X1,25	M5	11,0	8	63	6	82
SR66	20	32	66	12	M12X1,25	M4	11,0	5	63	5	83
SR67	20	32	66	12	M12X1,25	M4	11,5	5	63	5	83
SR68	21	32	66	12	M12X1,25	M5	11,0	8	63	6	85
SR70	21	32	66	12	M12X1,25	M5	11,0	8	63	6	85
SR71	20,5	32	66,1	12	M12X1,25	M5	11,0	8	63	6	87
SR72	24,5	32	70,1	12	M12X1,25	M5	11,0	8	63	6	88
SR73	24,5	32	70,1	12	M12X1,25	M5	11,5	8	63	6	88
SR74	24,5	32	70,1	12	M12X1,25	M5	11,0	8	63	6	88
SR78	28	32	76	12	M12X1,25	M5	11,0	8	63	6	90
SR83	24,5	42	79	10	M10X1	M4	11,0	8	63	5	95

	DIMENSIONS									Tube Diam.	Plan n.
Our Ref.	L1	L2	LT			d	V	T ± 1"	a°		
Single Coil											
SX107	27	63,5	107	10	M10X1	M4	11,0	7	63	5	55
SX116	27,5	67,5	116	12	M12X1,25	4	11,5	7	63	6	57
SX119	27,5	67,5	120	12	M12X1,25	5	11,5	7	63	5	59
SX120	34	70	120	10	M10X1	M4	11,0	7	93	5	60
SX126	28	83	129	10	M10X1	M4	11,0	7	63	5	61
SX59	20	25,3	58	12	M12X1,25	M5	11,0	7	63	6	78
SX60	20	27	61	12	M12X1,25	M5	11,0	7	63	6	79
SX61	18	29	61	12	M12X1,25	M4	10,0	7	63	6	80
SX63	25	27	68	12	M12X1,25	M4	11,0	7	63	5	81
SX64	24	27	67	12	M12X1,25	M5	11,0	7	63	6	82
SX65	24	27	67	12	M12X1,25	M5	11,0	7	63	6	82
SX66	20	32	66	12	M12X1,25	M4	11,0	7	63	5	83
SX67	25	32	71	12	M12X1,25	M4	11,5	7	63	5	84
SX68	21	32	66	12	M12X1,25	M5	11,0	7	63	6	85
SX69	24,5	32	71	12	M12X1,25	M5	11,0	7	63	6	86
SX70	21	32	69	12	M12X1,25	M5	11,5	7	63	6	87
SX71	21	32	66	12	M12X1,25	M5	11,0	7	63	6	85
SX72	24,5	32	70,1	12	M12X1,25	M5	11,5	7	63	6	88
SX73	24,5	32	71	12	M12X1,25	M5	12,5	7	63	6	86
SX74	24,5	32	71	12	M12X1,25	M5	11,0	7	63	6	88
SX75	24,5	32	71	12	M12X1,25	M5	11,0	7	63	6	88
SX76	20	25,3	76,6	12	M12X1,25	4	11,0	7	63	6	89
SX77	24,5	32	71	12	M12X1,25	M5	11,0	7	63	6	88
SX78	28	32	76	12	M12X1,25	M5	11,0	7	63	6	90
SX79	24,5	38	75	10	M10X1	M4	11,0	7	63	5	91
SX84	24	46	83	10	M10X1	M4	11,0	7	63	5	96
SX86	27	37	86,5	12	M12X1,25	4	11,5	7	63	5	97
SX89	29	46	89	10	M10X1	M4	11,0	7	63	5	98
SX90	29	46	89	10	M10X1	M4	11,0	7	63	5	98
SX91	20	30	76,5	12	M12X1,25	4	11,0	7	63	6	88
SX93	24	46	92	10	M10X1	4	11,0	7	63	5	100
SX94	24,5	53	93	10	M10X1	M4	11,0	7	63	5	101
SX95	24	57	95	10	M10X1	M4	11,0	7	63	5	102
SX97	29	46	97	10	M10X1	4	11,0	7	63	5	104
W300	15	40,5	70	16	5/8"	M4	11,0	20	120	5	147
US 550 CH	27,5	27,5	76,3	9,5	M10X1	/	6,0	7	90	5	120
US 560 CH	27,5	33,5	80	9,5	M10X1	M4	11,0	17	90	5	121
US 565 CH	27,5	33,5	79,3	9,5	M10X1	/	11,0	7	90	5	122
US 566 CH	27,5	33,5	82,8	9,5	M10X1	/	6,0	7	90	5	123
US 567 CH	27,5	33,5	81,8	9,5	M10X1	/	11,0	7	90	5	128
US 575 CH	27,5	33,5	81,5	9,5	M10X1	3,8	5,0	7	90	5	127

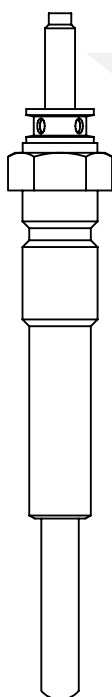
**TECHNICAL DRAWINGS
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TECHNICAL DRAWINGS



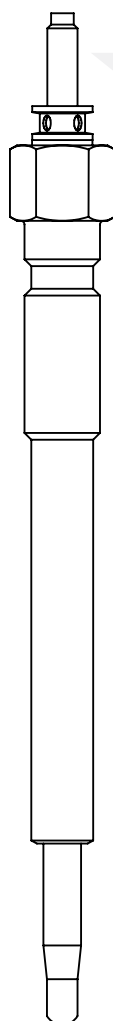
GJ 106 TO

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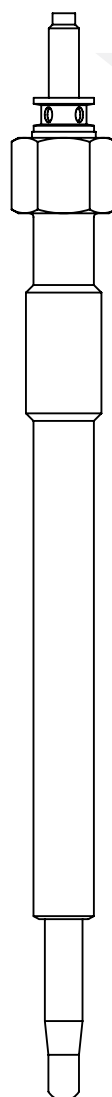
GJ 10 IS

2



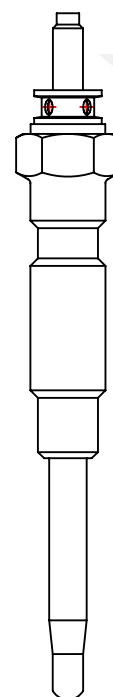
GJ 1136 IS

3



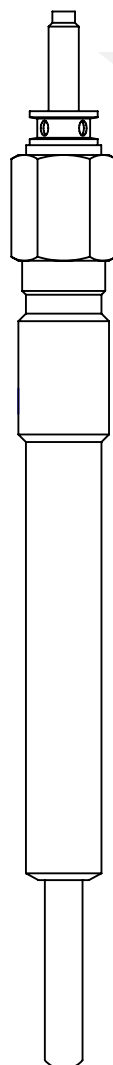
GJ 1143 IS

4



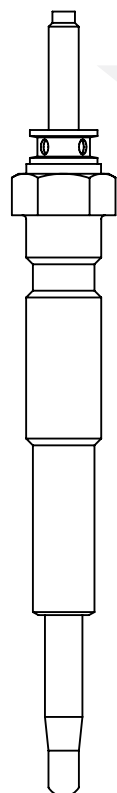
GJ 114 TO
JA 108 TO
JA 114 TO
JA 122 TO
JA 127 TO
JA 128 TO
JA 129 TO

5



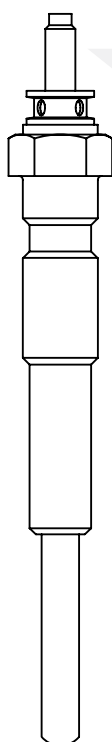
GJ 12 IS

10



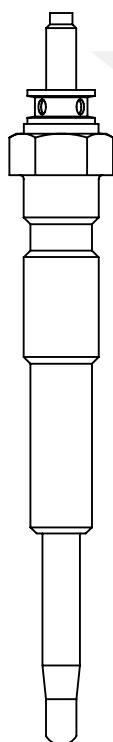
GJ 117 TO
JA 117 TO

6



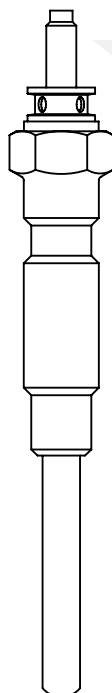
GJ 118 TO

7



GJ 121 TO
JA 98 TO
JA 102 TO
JA 109 TO
JA 110 TO
JA 111 TO
JA 116 TO
JA 121 TO
JA 123 TO
JA 144 DA
JA 146 DA
JA 148 DA
JA 153 HI
JA 168 KO

8



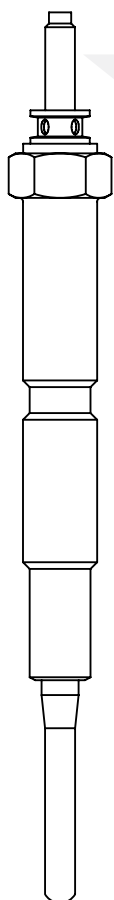
GJ 125 TO

9



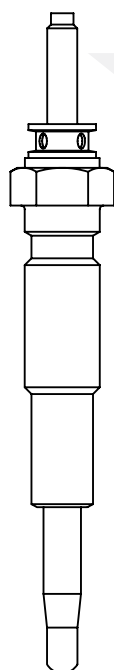
GJ 1300 MA

11



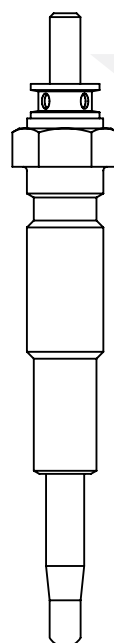
GJ 1301 MA

12



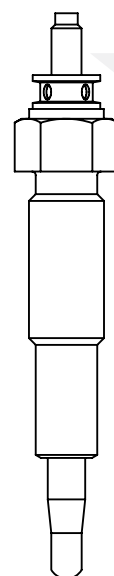
GJ 1302 MA

13



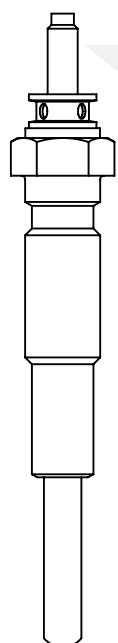
GJ 130 MA
JA 43 MI
JA 130 MA
JA 133 MA
JA 135 MA
JA 136 MA
JA 137 MA
JA 138 MA
JA 139 MA
JA 183 KU
JA 185 KU

14



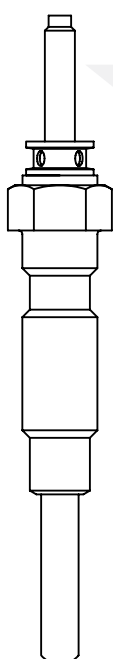
GJ 131 MA
JA 131 MA

15



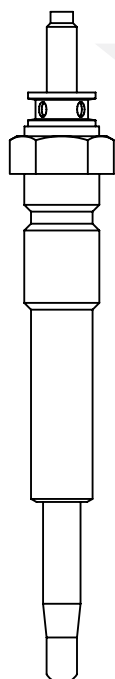
GJ 132 MA

16



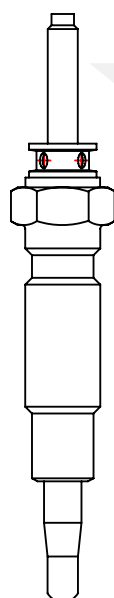
GJ 152 HI

17



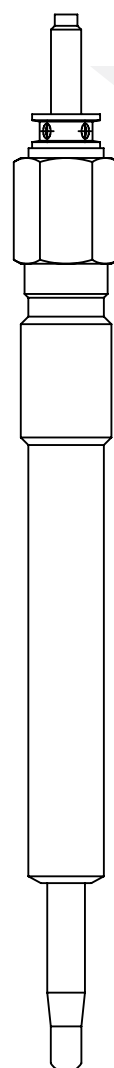
GJ 16 IS

18



GJ 180 KU
JA 180 KU
JA 34 MI

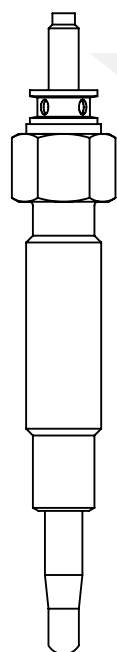
19



GJ 24 IS
JA 24 IS
JA 151 HI

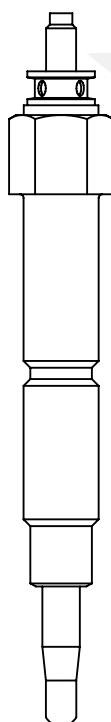
20

TECHNICAL DRAWINGS



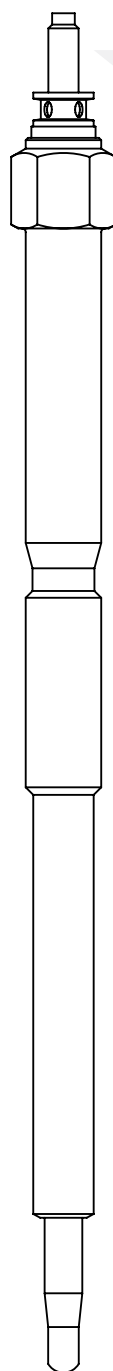
**GJ 260 NI
JA 260 NI**

21



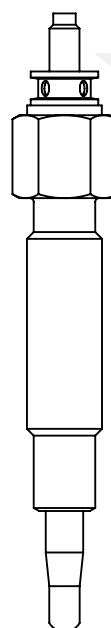
**GJ 261 NI
JA 261 NI**

22



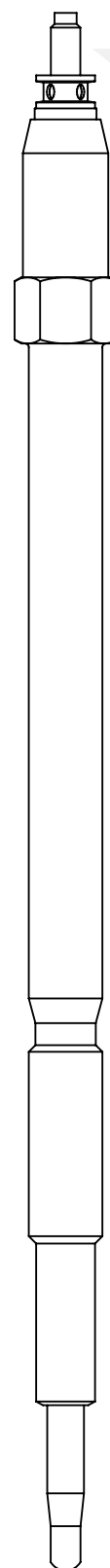
GJ 262 NI

23



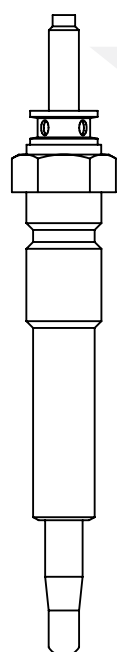
GJ 263 NI

24



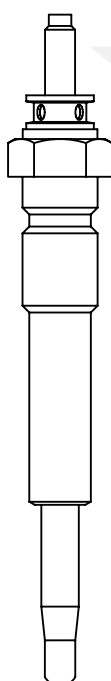
GJ 264 NI

25



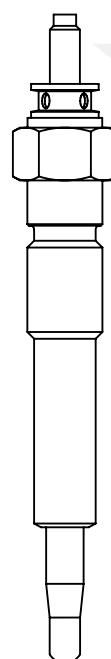
**GJ 26 IS
JA 22 IS
JA 26 IS**

26



**GJ 28 IS
JA 8 IS
JA 14 IS
JA 16 IS
JA 18 IS
JA 20 IS
JA 25 IS
JA 28 IS**

27



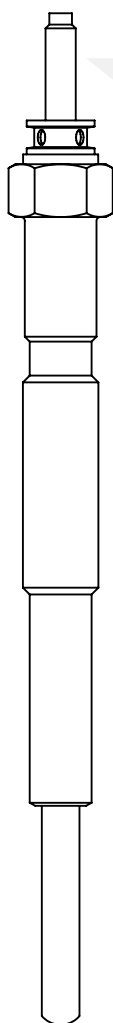
**GJ 29 IS
JA 29 IS**

28



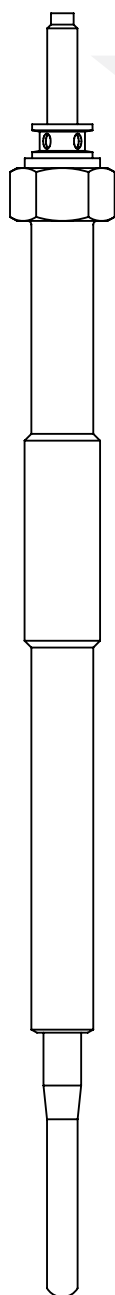
**GJ 31 MI
JA 31 MI
JA 33 MI**

29



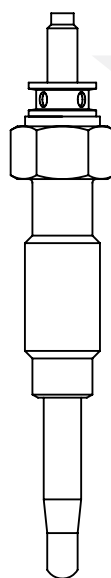
GJ 32 MI

30



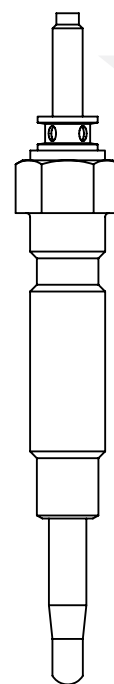
GJ 37 MI

31



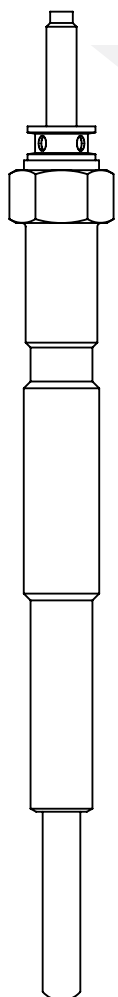
GJ 38 MI

32



GJ 39 MI

33



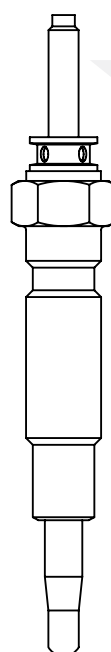
GJ 49 MI

35



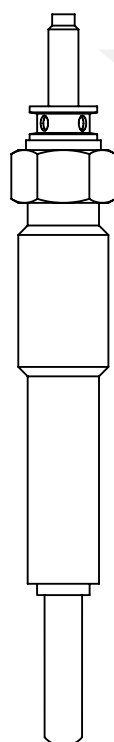
GJ 42 MI

34



**GJ 53 MI
JA 53 MI**

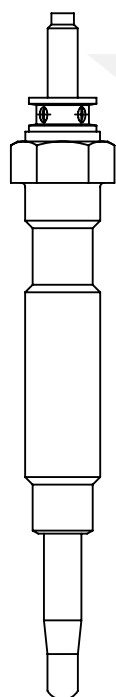
36



GJ 54 MI

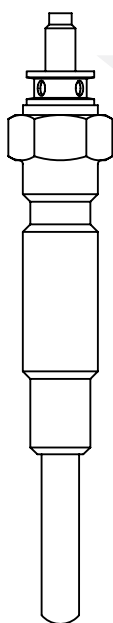
37

TECHNICAL DRAWINGS



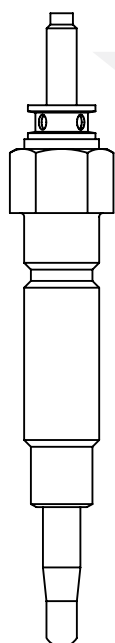
GJ 55 MI
JA 55 MI
JA 56 MI
JA 57 MI
JA 86 NI

38



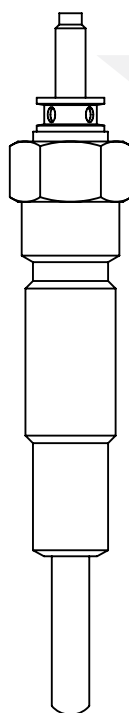
GJ 58 MI

39



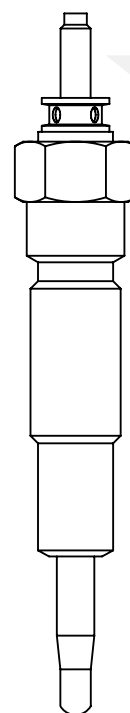
GJ 59 NI
JA 59 NI

40



GJ 67 MI

41



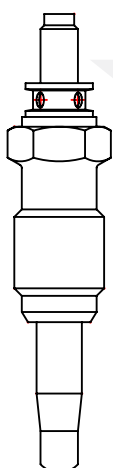
GJ 68 NI
JA 61 NI
JA 68 NI

42



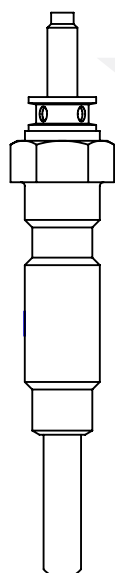
GJ 69 NI
JA 69 NI
JA 71 NI

43



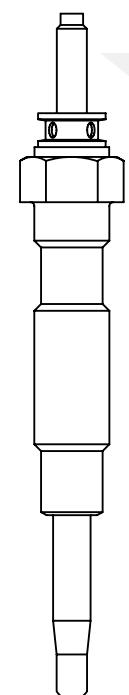
GJ 75 NI
JA 75 NI
JA 78 NI
JA 82 NI

44



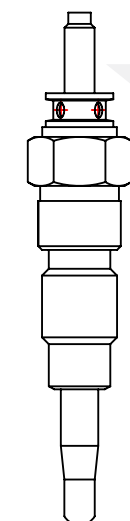
GJ 80 NI

45



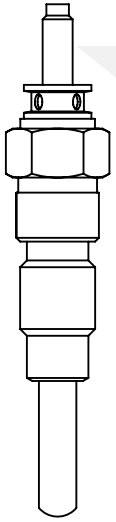
GJ 81 NI
JA 81 NI
JA 83 NI

46



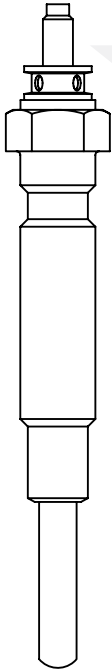
GJ 84 NI
JA 62 NI
JA 63 NI
JA 70 NI
JA 72 NI
JA 73 NI
JA 74 NI
JA 84 NI
JA 181 KU
JA 182 KU
JA 184 KU
JA 189 KU

47



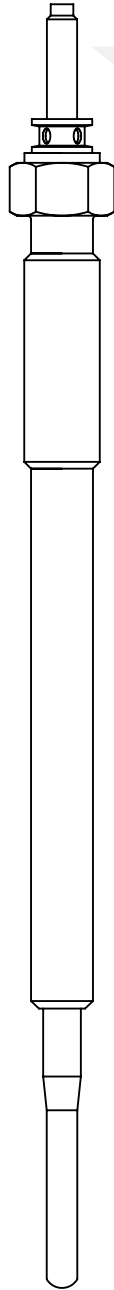
**GJ 85 NI
JA 65 NI**

48



GJ 88 NI

49



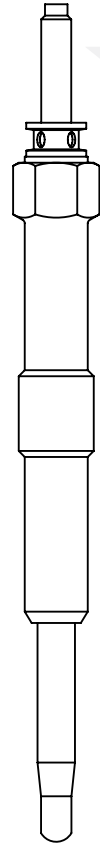
GJ 93 TO

50



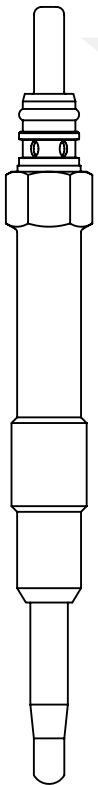
GJ 94 TO

51



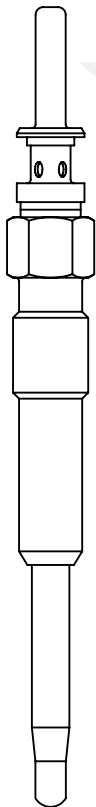
GX 102

52



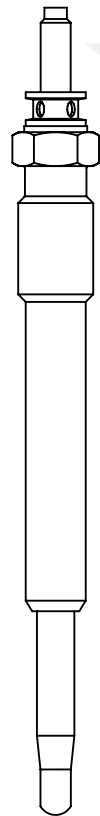
GX 103

53



GX 106

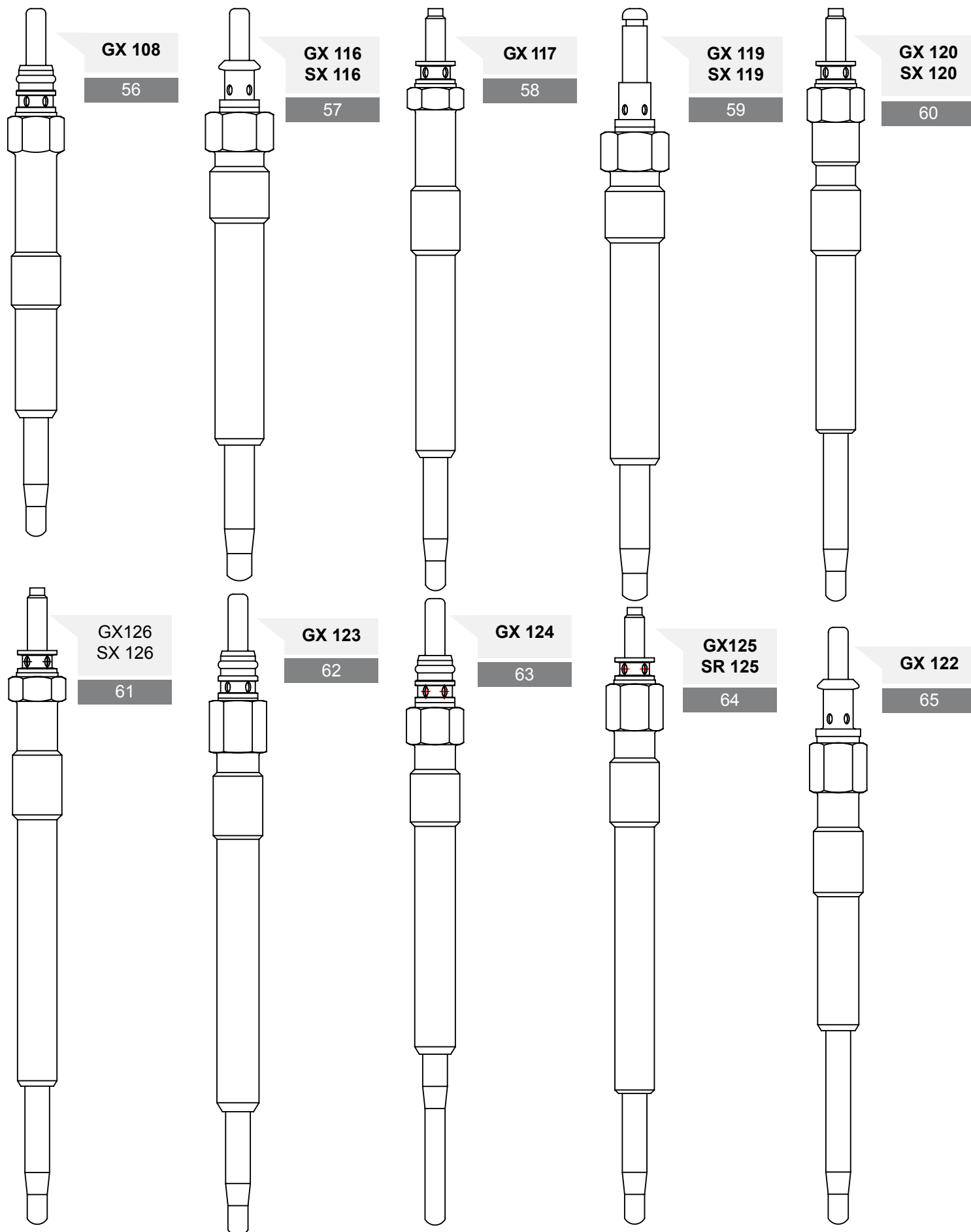
54

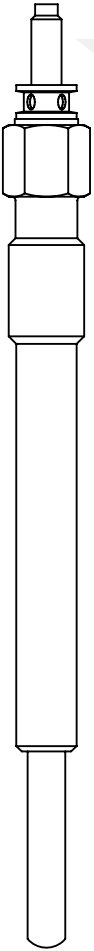


**GX 107
SX 107**

55

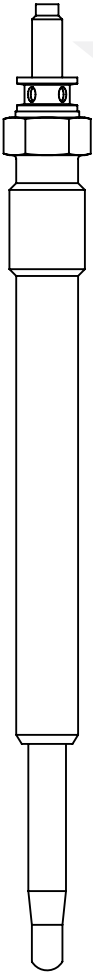
TECHNICAL DRAWINGS





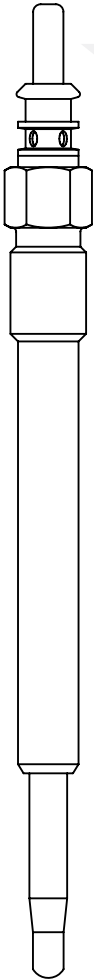
GX 127

66



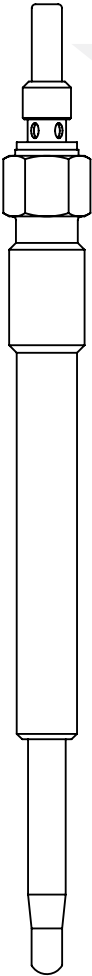
GX 128

67



GX 129

68



GX 130

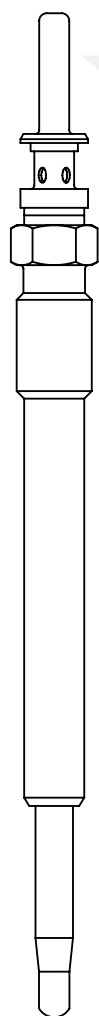
69



GX 131

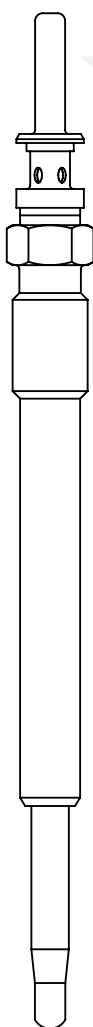
70

TECHNICAL DRAWINGS



**GX 132
GX 133**

71



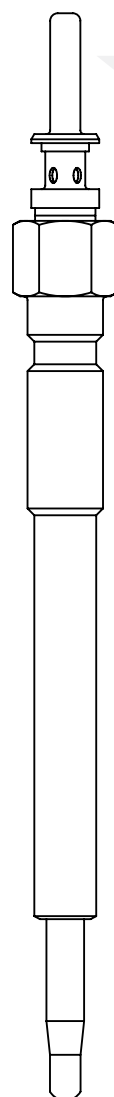
GX 135

72



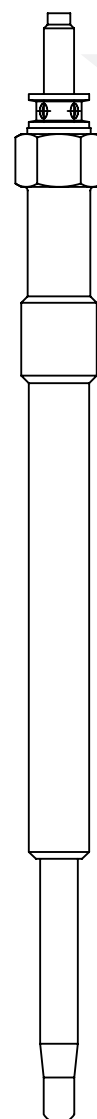
GX 137

73



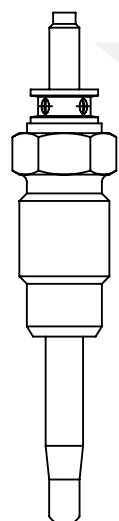
GX 145

74



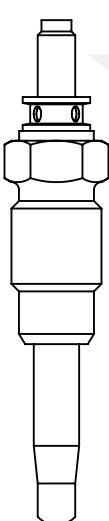
GX148

75



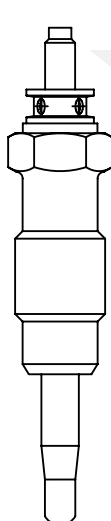
**GX 63
SX 63**

81



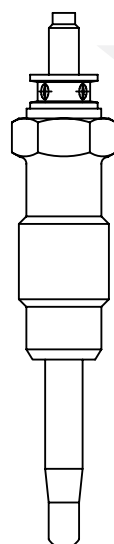
**GX 64
SX 64
SR 64
SX 65**

82



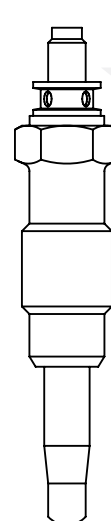
**GX 66
SX 66
SR 66
SR 67**

83



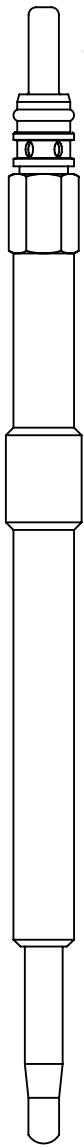
**GX 67
SX 67**

84



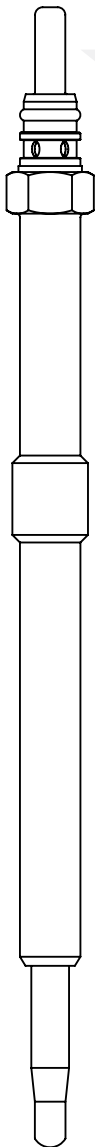
**GX 68
SX 68
SR 68
SR 70
SX 71
N 68**

85



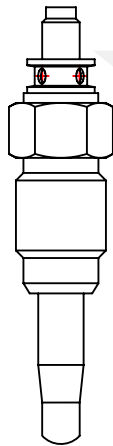
GX 149

76



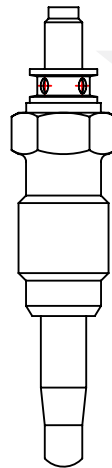
GX 150

77



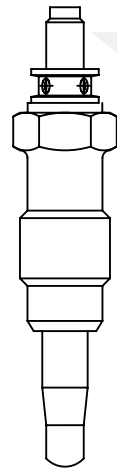
**GX 59
SX 59
N 58
SR 58
SR 59**

78



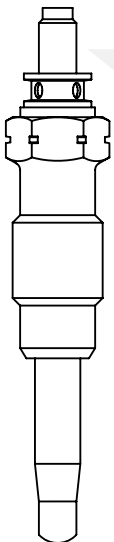
**GX 60
SX 60
SR 60**

79



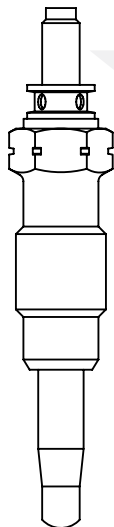
**GX 61
SX 61**

80



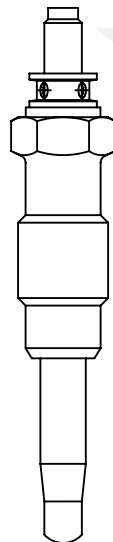
**GX 69
SX 69
SX 73**

86



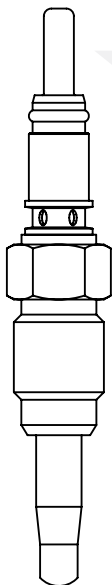
**GX 70
SX 70
SR 71**

87



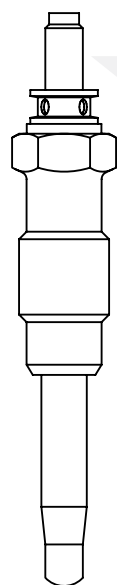
**GX 74
SX 74
N 74
N 75
N 76
R 69
R 74
SR 72
SR 73
SR 74
SX 72
SX 75
SX 77**

88



**GX 76
SX 76**

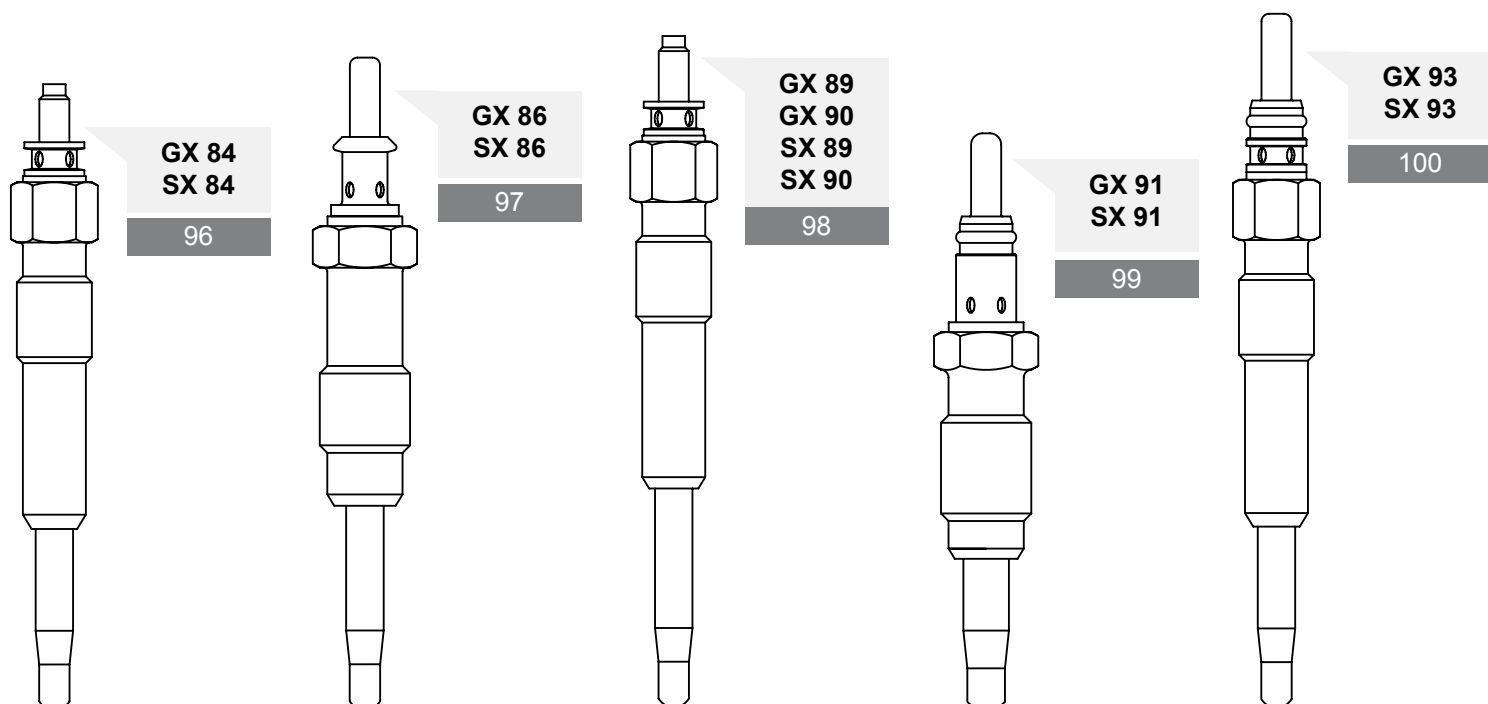
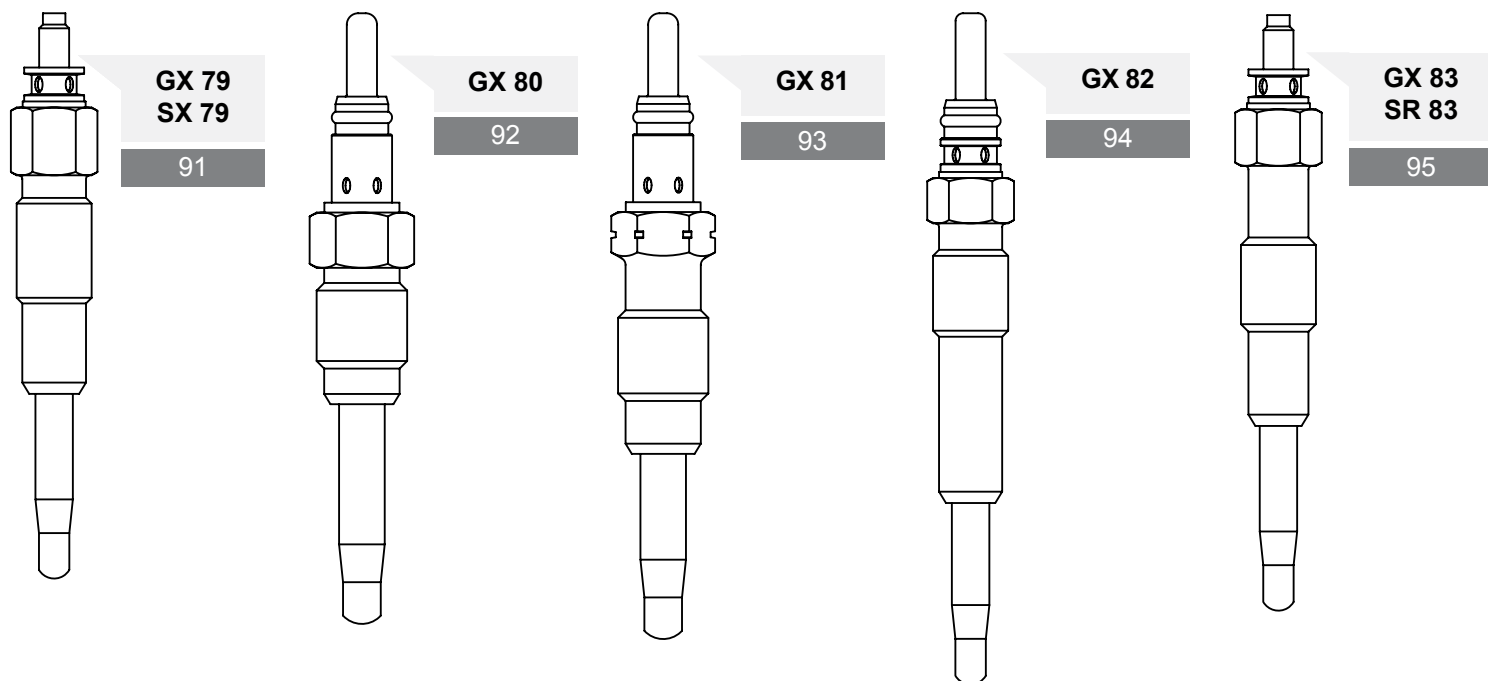
89

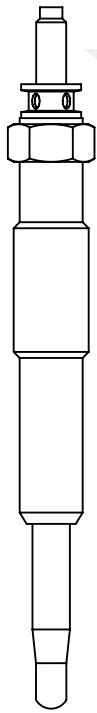


**GX 78
SX 78
N 78
N 79
R 78
SR 78**

90

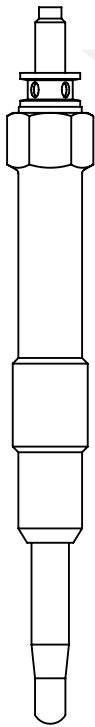
TECHNICAL DRAWINGS





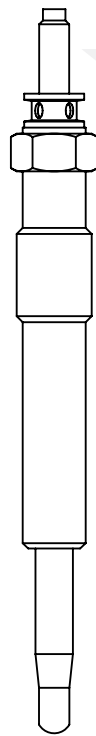
**GX 94
SX 94**

101



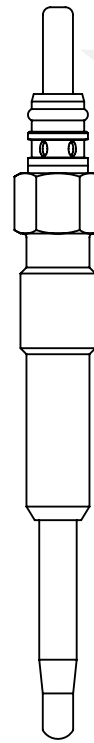
**GX 95
SX 95**

102



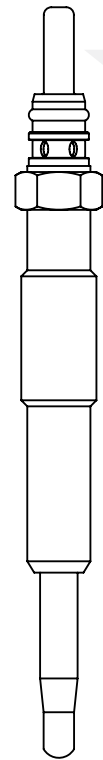
GX 96

103



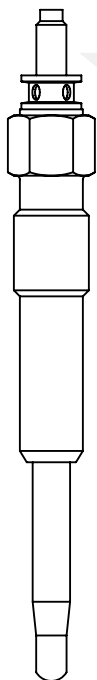
**GX 97
GX 98
SX 97**

104



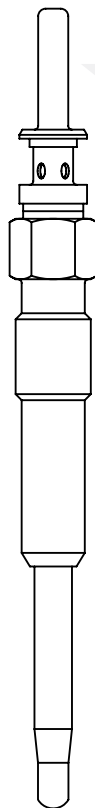
GX 99

105



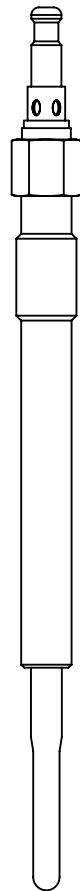
GX 2097

106



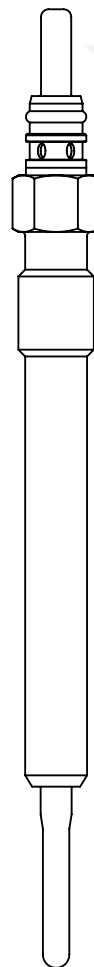
GX 2106

107



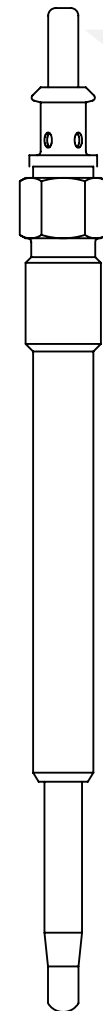
GX 2117

108



GX 2127

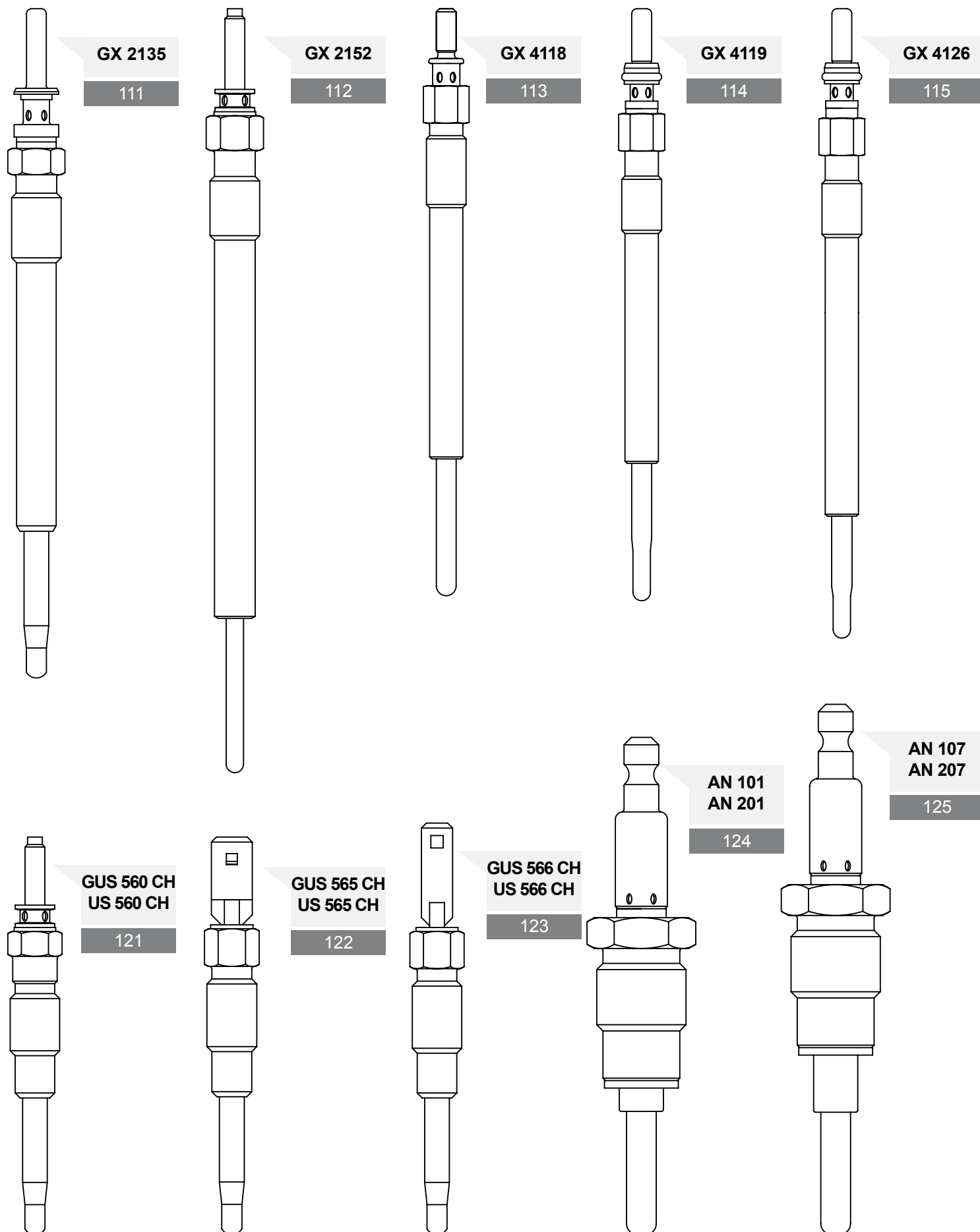
109

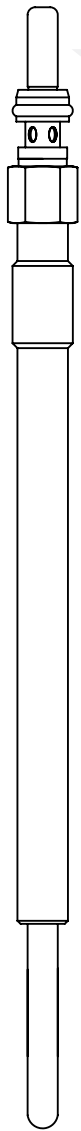


GX 2133

110

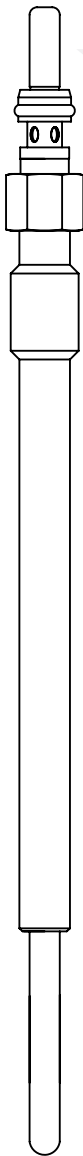
TECHNICAL DRAWINGS





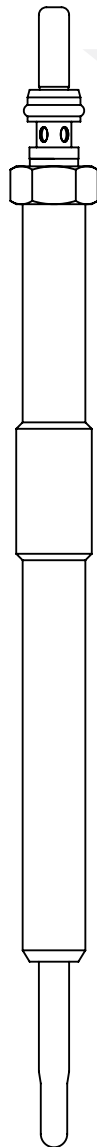
GX 4149

116



GX 4151

117



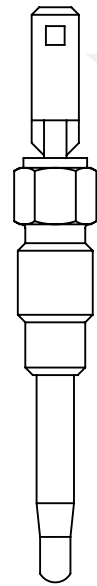
GX 4152

118



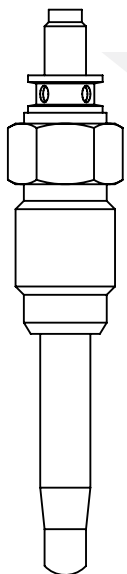
GX 4153

119



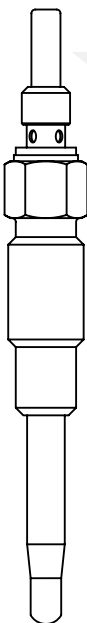
**GUS 555 CH
US 550 CH**

120



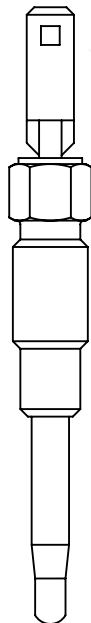
WW 68

126



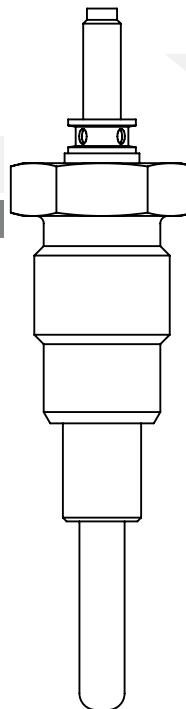
**GUS 575 CH
US 575 CH**

127



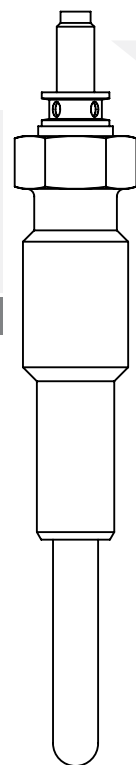
US 567 CH

128



**AN 400 PG
AN 820 KH
AN 900 HA
AN 920 VO
AN 930 VO**

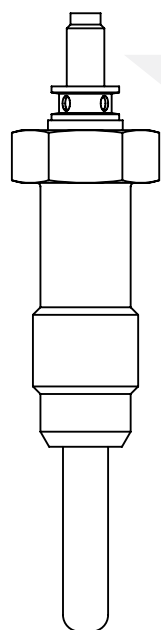
129



AN 450 PG

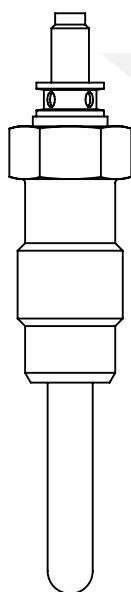
130

TECHNICAL DRAWINGS



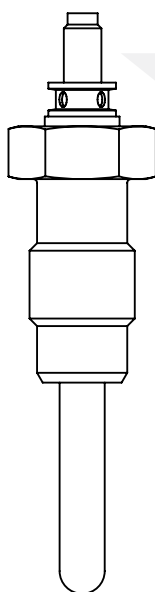
AN 500 CI

131



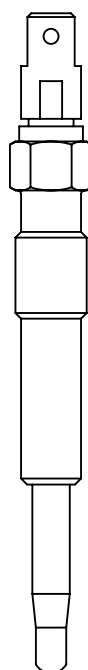
AN 600 OP

132



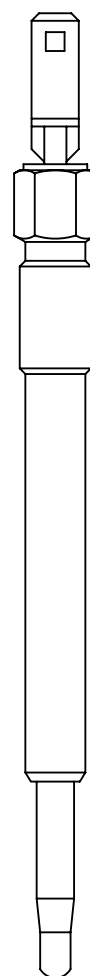
AN 650 OP

133



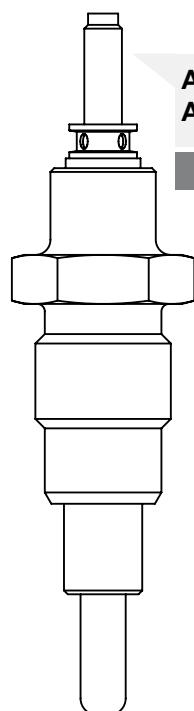
AN 700 IH

134



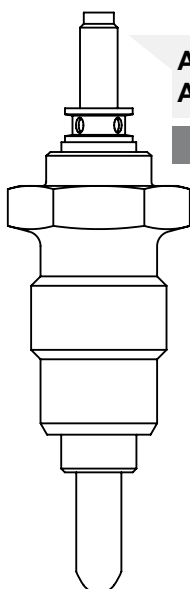
AN 750 IH

135



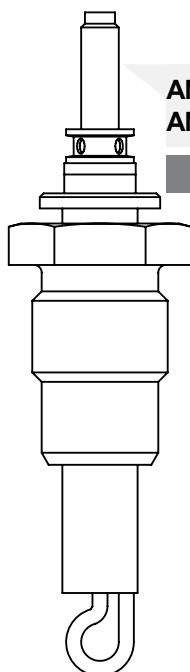
**AN 800 KH
AN 840 KH**

136



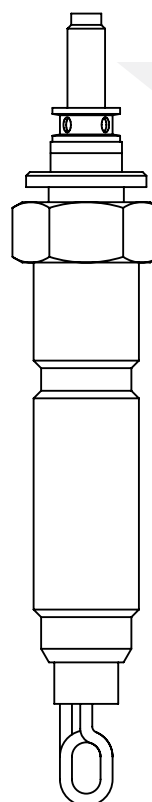
**AN 810 KH
AN 830 KH**

137



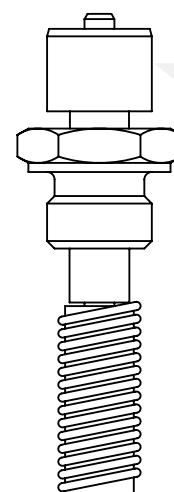
**AN 1000 ME
AN 1020 ME**

138



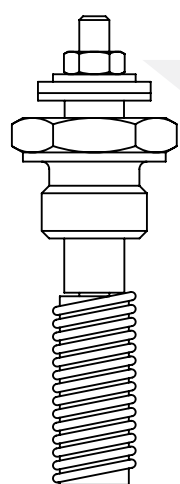
AN 1050 RO

139



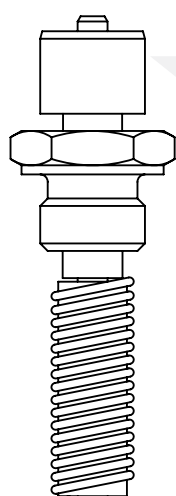
AN 1181 WE

140



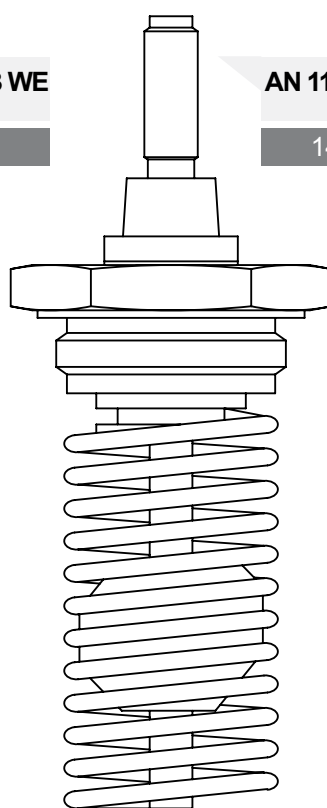
AN 1182 EB

141



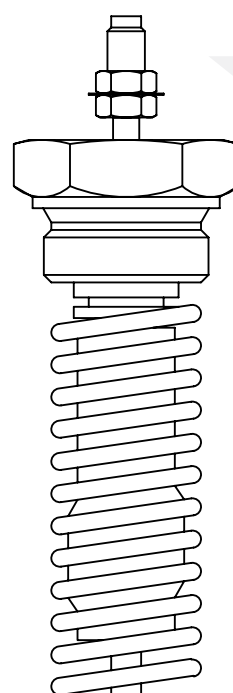
AN 1183 WE

142



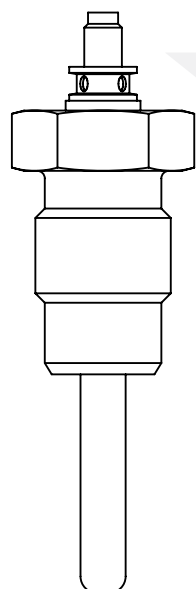
AN 1184 PK

143



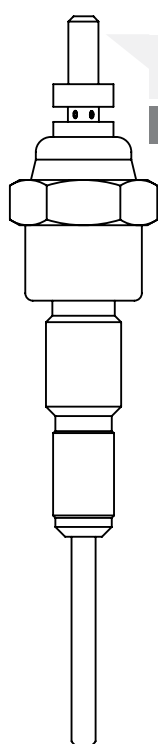
AN 1186 FD

144



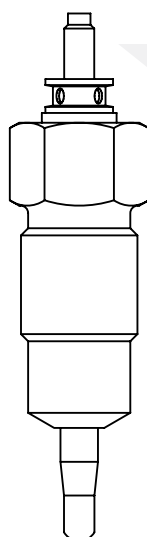
AN 1200 ME

145



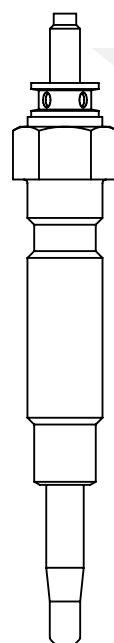
E 200 PE

146



W 300

147



JA 87 NI

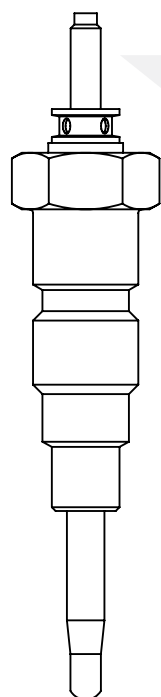
148



JA 89 NI

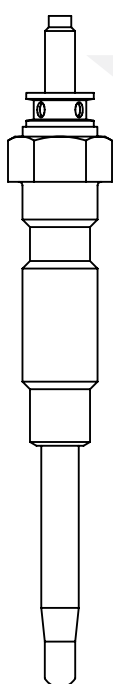
149

TECHNICAL DRAWINGS



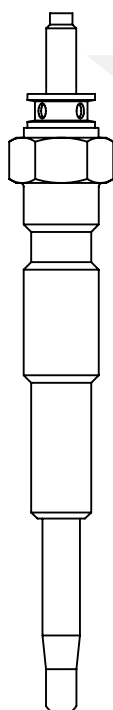
JA 92 TO

150



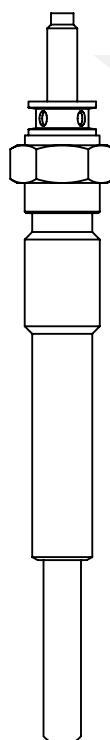
JA 140 DA

151



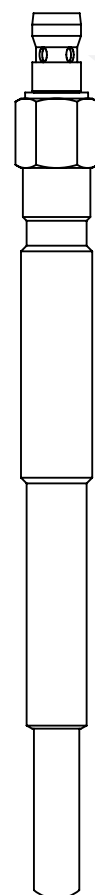
JA 142 DA

152



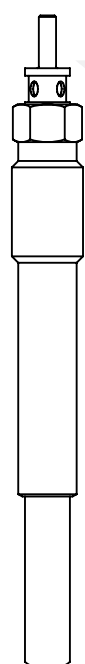
JA 160 KO

153



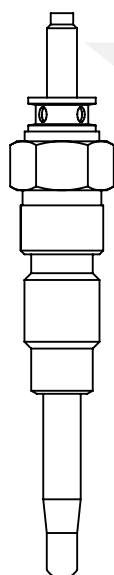
**JA 170 CA
JA 174 CA**

154



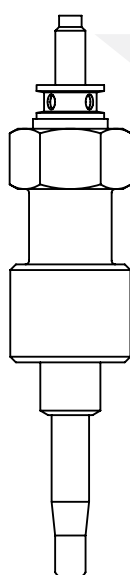
**JA 172 CA
JA 176 CA**

155



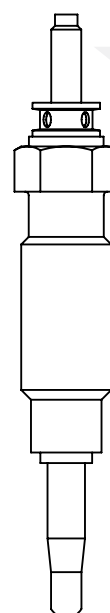
JA 186 KU

156



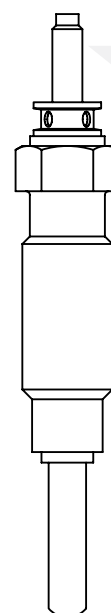
JA 35 MI

157



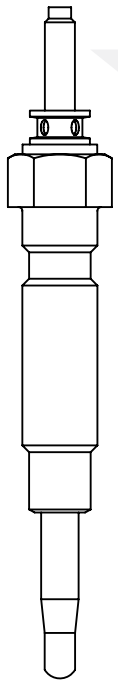
**JA 36 MI
JA 51 MI**

158



JA 40 MI

159



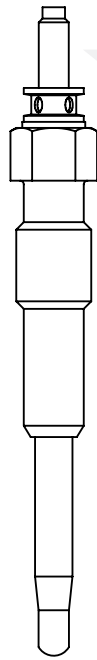
JA 41 MI

160



JA 42 MI

161



JA 503 HN

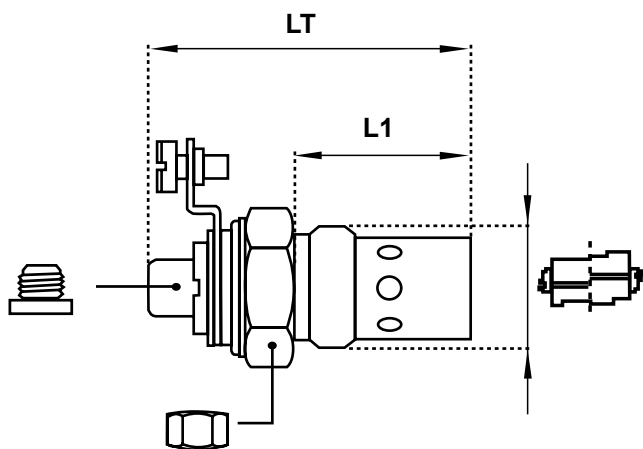
162

TECHNICAL FEATURES
CARATTERISTICHE TECNICHE
DONNEES TECHNIQUES

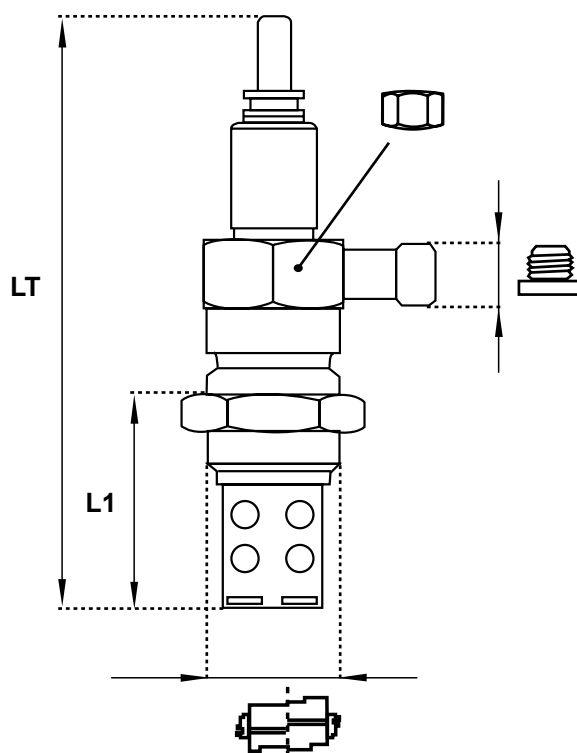
TECHNICAL FEATURES

THERMOSTARTER

TA



TF



OUR REF.	L1	LT				V	Cm³/min			VAL. ROTA
TA 8 B	32	64,5	26	M22 x 1,5	3/8" 24UNF	8	5		■	
TA10B	32	58	24	1/2" BSP	3/8" 24UNF	12	2 - 3,2		■	
TA20B	32	58	24	1/2" BSP	3/8" 24UNF	12	3,5 - 5		■	
TA22B	32	58	24	1/2" BSP	3/8" 24UNF	12	3,5 - 5		■	
TA30B	32	58	24	1/2" BSP	3/8" 24UNF	24	11 - 15		■	
TA40B	32	58	24	1/2" BSP	3/8" 24UNF	24	7 - 12		■	
TA50E	32	58	24	7/8" - 14	3/8" 24UNF	12	3,5 - 5	■		
TA55E	32	58	24	1/2" Gas	3/8" 24UNF	12	7 - 12	■		
TA60B	32	58	24	7/8" - 14	3/8" 24UNF	12	3,5 - 5		■	
TA70B	32	58	24	7/8" - 14	3/8" 24UNF	24	7 - 12		■	
TA80B	32	58	24	7/8" - 14	3/8" 24UNF	12	2 - 3,2		■	
TA90B	32	58	24	M22 x 1,5	3/8" 24UNF	12	2 - 3,2		■	
TA100B	32	58	24	M22 x 1,5	M10 x 1	12	3,5 - 5		■	
TA110B	32	58	24	7/8" - 14	3/8" 24UNF	12	7 - 10		■	
TA110E	32	58	24	7/8" - 14	3/8" 24UNF	24	7 - 12	■		
TA120E	32	58	24	M22 x 1,5	M10 x 1	12	3,5 - 5	■		
TF130	41	95	24	M20 x 1,5	M10 x 1	19	8,3			250
TF140	41	95	24	M20 x 1,5	M10 x 1	9,5	13,7			320
TF150	41	95	24	M20 x 1,5	M10 x 1	19	9,6			350
TF160	41	95	24	M20 x 1,5	M10 x 1	19	13,7			320
TF170	41	95	24	M20 x 1,5	M10 x 1	9,5	15,7			360
TF180	48	95	24	M20 x 1,5	M10 x 1	11	9,6	■		280
TF190	46	96	24	M20 x 1,5		24	9,4			

APPLICATION LIST
APPLICAZIONI
LISTE DES AFFECTATIONS

APPLICATION LIST

A

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
ABG									
126 H			37	KHD-F3L912		12	05/76>	TF140	/
128.G			51	KHD-F4L912		12	27881	TF140	/
17.V.VS			76	KHD-F6L912		12	05/76>	TF140	/
173.S			44	KHD-F4L912		12	03/69>12/79	TF140	/
178			76	KHD-F6L912		12	05/76>	TF140	/
360			51	KHD-F4L912		24	05/72>	TF160	/
410 S			88	KHD-BF6L912		24		TF160	/
ALEXANDER 126			36	KHD-F3L912		12	01/68>04/76	TF140	/
BV 590			44	KHD-F4L912		12	09/69>12/79	TF140	/
MAW 172.S			44	KHD-F4L912		12	03/69>12/79	TF140	/
PUMA 168.A			37	KHD-F3L912		12	05/76>	TF140	/
SAW 186			100	KHD-BF6L913		24	05/76>	TF160	/
SF 213			100	KHD-BF6L913		24	05/76>	TF160	/
TITAN 350S			51	KHD-F4L912		24	02/71>	TF160	/
VAS 512			29	KHD-F3L912		12	09/69>12/79	TF140	/
WZ 172.S			44	KHD-F4L912		12	03/69>12/79	TF140	/
AHLMANN									
12			77	KHD-F6L912		24	06/72>	TF160	/
16			77	KHD-F6L912		24	02/74>12/80	TF160	/
AF 10			50	KHD-F4L912		24	06/68>12/80	TF160	/
AS 7			50	KHD-F4L912		24	06/68>12/79	TF160	/
ALFA ROMEO									
ALFA 6	2.5 TD	2.5	77	VM-HR 588HT	5	12	83>87	R78	GX78
ALFA 33	1.8 TD	1.8	55		4	12	9/86>3/94	SX78	GX78
	1.8 TD	1.8	62	VM 82 A	4	12	2/90>3/94	SX78	GX78
	1.8 TD	1.8	62	VM HR-392	4	12	9/86>3/94	SX78	GX78
	1.8 TD WAGON	1.8	62	VM 96 A	4	12	1/90>3/94	SX78	GX78
ALFA 75	2.0 TD	2.0	70	VM 80 A	4	12	5/85>2/92	R78	GX78
	2.4 TD	2.4	81	VM 81 A	4	12	10/88>02/92	R78	GX78
ALFA 90	2.4 TD SUPER	2.4	81	VM 81 A	4	12	10/84>1/87	R78	GX78
ALFA 145	1.9 TD	1.9	66	AR 67.501	4	12	04/94>09/96	SX74	GX74
	1.9 TD	1.9	66	AR 33,601	4	12	10/96>09/97	SX74	GX74
	1.9 JTD	1.9	76	AR32.302JETRONIC SYSTEM932	4	12	98>	SX95	GX95
	1.9 JTD	1.9	76	COOLING WATER HEATER	3	12	98>	/	GX80
ALFA 146	1.9 TD	1.9	66	AR 67.501	4	12	04/94>09/96	SX74	GX74
	1.9 TD	1.9	66	AR 33,601	4	12	10/96>09/97	SX74	GX74
	1.9 JTD	1.9	76	AR32.302JETRONIC SYSTEM932	4	12	98>	SX95	GX95
	1.9 JTD	1.9	76	COOLING WATER HEATER	3	12	98>	/	GX80
ALFA 147	1,9 JTD	1,9	81	AR 37.101	4	12	11/00>	/	GX103
	1,9 JTD	1,9	81	COOLING WATER HEATER	4	12	11/00>	/	GX80
	1,9 JTD 16V (937)	1,9	103	192 A5.000	4	12	11/02>	/	GX4151
	1,9 JTDM 16V	1,9	110	937 A5.000	4	12	07/05>	/	GX4151

APPLICATION LIST

A

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
ALFA ROMEO									
ALFA 155	1,9 TD	1,9	66	67,502	4	12	04/93>04/96	SX74	GX74
	2.0 TD	2.0	66	AR 67.501	4	12	4/93>4/96	SX74	GX74
	2.5 TD	2.5	92	VM 07 B	4	12	4/93>5/95	SX75	GX74
	2.5 TD	2.5	92	VM 31 B, B EDC	4	12	05/95>	SX97	GX97
ALFA 156	1.9 JTD	1.9	76	AR 32.302 JETRONIC SYSTEM 932	4	12	10/97>	SX95	GX95
	1.9 JTD	1.9	76	COOLING WATER HEATER	3	12	10/97>	/	GX80
	1,9 JTD 16V (932), S.W.	1,9	103	192 A5.000	4	12	11/02>	/	GX4151
	1,9 JTD 16V Q4 (932) S.W.	1,9	110	192 A5.000	4	12	07/04>	/	GX4151
	1,9 JTD 16V Q4 (932) S.W.	1,9	103	192 A5.000	4	12	11/02>	/	GX4151
	2.4 JTD	2.4	100	AR 32.501 JETRONIC SYSTEM 932	5	12	10/97>	SX95	GX95
	2.4 JTD	2.4	100	COOLING WATER HEATER	3	12	10/97>	/	GX80
	2,4 JTD	2,4	103	839 A6.000	5	12	10/00>	/	GX103
	2,4 JTD	2,4	110	841 C000	5	12	09/02>	/	GX103
	2,4 JTD	2,4	129		5	12	10/03>	/	GX103
ALFA 159	1,9 JTDM 8V	1,9	88	939 A1.000	4	12	09/05>	/	GX 103
	1,9 JTDM 16V	1,9	110	939 A2.000	4	12	09/05>	/	GX4151
	2,4 JTDM	2,4	147	939 A3.000	5	12	09/05>	/	GX4151
	1,9 JTDM 16V SPORTWAG.	1,9	110	939 A2.000	4	12	03/06>		GX4151
	2,4 JTDM SPORTWAG.	2,4	147	939 A3.000	4	12	03/06>		GX4151
ALFA 164	2.5 TD	2.5	85	VM 84 A	4	12	6/87>9/92	R78	GX78
	2.5 TD SUPER	2.5	92	VM 08 B / VM 32 B	4	12	92>5/95	SX75	GX74
	2.5 TD SUPER	2.5	92	VM 32 B	4	12	05/95>	SX97	GX97
ALFA 166	2.4 JTD	2.4	100	AR 34.202 JETRONIC SYSTEM 932	5	12	10/98>	SX95	GX95
	2.4 JTD	2.4	100	COOLING WATER HEATER	3	12	10/98>	/	GX80
	2.4 JTD	2,4	103	AR 36.202	5	12	10/00>	/	GX103
	2.4 JTD	2,4	110	841 C000	5	12	04/02>	/	GX103
	2,4 JTD (936)	2,4	129	841 G.000, 841 H.000			10/03>	/	GX4151
	2,4 JTD	2,4	132		5	12	07/06>		GX4151
	2,4 JTD	2,4	136		5	12	07/05>		GX4151
ALFA GT	1,9 JTD	1,9	110	937 A5.000	4	12	11/03>	/	GX4151
ALFETTA	2.0 TD	2.0	82-84	VM 4 HT/2	4	12	10/79>3/83	R78	GX78
	2.4 TD	2.4	69-70	VM 4 HT 2.4	4	12	4/83>12/84	R78	GX78
GIULIETTA	2.0 TD	2.0	61	VM 4 HT	4	12	3/83>4/85	R78	GX78
10 AR6, 13 AR6, 14 AR6	2,5 D	2.5	53	8144.61.200 / 8144.67.200	4	12	4/85>2/86	N76	GX74
14 TD	2,5 D	2.5	68	Sofim 8144.61.220	4	12	09/86>12/89	N76	GX74
30AR8,32AR8,35AR8,40AR8	2,5 D	2.5	53	SOFIM 8140.61.200	4	12	2/80>12/89	R74	GX74
ARO									
10.1D - 10.4D	1,9	1.9	47	RENAULT F8Q 248	4	12		R74	GX74
240D, 241D, 242D, 244D	2,5	2.5	71-101	XUD	4	12	3/77>9/86	N76	GX74
240D, 244D, 246D	2,5	2.5	55	PEUGEOT XD3P, XD3TP	6	12		SR74	GX74
	2,7	2.7	52	L27 ARO	6	12		AN800KH	/
	3,1	3.1	52	D127 BRASOV	6	12		AN800KH	/
ENDURO 4X4				VOLKSWAGEN	4	12	01/70>01/86	SX59	GX59
FORESTER	2.5 TD	2.5				12	94>	SX74	GX74
TRAPEURS	1.9 D	1.9				12	94>	SX64	GX64

APPLICATION LIST

A

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
ASIA									
ROCSTA 4X4	2,2 D	2,2	45	R2	4	12	06/93>09/99	JA130MA	GJ130MA
ATLAS									
1202			30	KHD-F3L912		12	01/73>12/78	TF140	/
1252			34	KHD-F3L912		12	06/75>12/84	TF140	/
1302 C			46	KHD-F4L912		12	01/73>12/78	TF140	/
1602 D			52	KHD-F4L912		12	04/76>12/84	TF140	/
1702			66	KHD-F5L912		12	01/73>12/78	TF140	/
1902			73	KHD-F6L912		12	01/73>12/78	TF140	/
2002			121	KHD-F6L413V		24	01/73>02/88	TF160	/
2502			154	KHD-F8L413V		24	01/73>02/88	TF160	/
AB 1602			51	KHD-F4L912		12	01/73>12/78	TF140	/
ABL 710			51	KHD-F4L912		12	01/73>12/78	TF140	/
AR 70			51	KHD-F4L912		12	01/73>12/84	TF140	/
AT 710			51	KHD-F4L912		12	01/73>12/78	TF140	/
B			192	KHD-F10L413V		24	04/76>02/88	TF160	/
ATLAS COPCO									
170			36	KHD-F4L912		12	07/69>12/79	TF140	/
250			55	KHD-F6L912		12	08/69>12/79	TF140	/
48			36	KHD-F4L912		12	02/73>12/86	TF140	/
700			164	KHD-F10L413		24	05/72>12/86	TF150	/
71			55	KHD-F6L912		12	02/73>12/86	TF140	/
PR 425			99	KHD-F6L413		24	02/72>12/86	TF150	/
ST 35, STS 35			27	KHD-F3L912		12	01/73>12/86	TF140	/
VSS 125			27	KHD-F3L912		12	11/69>12/79	TF140	/
AUDI									
80	1.9 ALL MODELS D, TD	1.9	75-90	CR, CY, JK, RA, SB, AAZ, 1Y	4	12	>91	SR58	GX59
	1.9 TD	1.9	55	AAZ	4	12	9/91>7/95	SX59	GX59
	1.9 TDI (8C, B4)	1.9	66	1Z	4	12	09/91>12/94	SX93	GX93
	1.9 TDI, AVANT	1.9	66	1Z	4	12	9/91>7/95	SX93	GX93
	1.9 TDI, AVANT			COOLING WATER HEATER	3	12	9/91>7/95	SX76	GX76
90	1.6 TD	1.6	51-59	CY, RA,SB	4	12	10/84>12/91	SR58	GX59
100	2.0 ALL MODELS D, TD	2.0	51	CN, DE, NC	5	12	8/78>7/80	SR58	GX59
	2.4 D	2,4	60	AAS, 3D	5	12	8/89>	SX59	GX59
	2.5 TDI, AVANT	2.5	85-88	AAT,ABP, 1T	5	12	1/90>	SX93	GX93
A2	1.2 TDI	1,2	45	ANY	3	12	2/00>	SX93	GX93
	1.4 TDI	1,4	55	AMF	3	12	2/00>08/03	/	GX98
	1.4 TDI	1,4	55	AMF, BHC	3	12	02/00>	/	GX2097
	1,4 TDI	1,4	66	ATL	3	12	11/03>	/	GX2097

APPLICATION LIST

A

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
AUDI									
A3	1.9 TDI	1,9	66	AGR, ALH, ANU	4	12	9/96>	SX93	GX93
	1.9 TDI	1,9	66	COOLING WATER HEATER	3	12	9/96>	SX76	GX76
	1.9 TDI	1,9	96	ASZ	4	12	08/00>	SX93	GX93
	1.9 TDI	1,9	74	ATD, AXR	4	12	10/00>	SX93	GX93
	1.9 TDI	1,9	74	COOLING WATER HEATER	3	12	10/00>	SX76	GX76
	1,9 TDI	1,9	74	ATD	4	12	03/03>	/	GX98
	1,9 TDI	1,9	77	BKC	4	12	05/03>	/	GX2097
	1,9 TDI SPORTBACK	1,9	77	BKC	4	12	09/04>	/	GX2097
	1.9 TDI	1,9	81	AHF	4	12	01/97>	SX93	GX93
	1.9 TDI	1,9	81	COOLING WATER HEATER	3	12	01/97>	SX76	GX76
	1.9 TDI	1,9	85	AJM	4	12	8/98>	SX93	GX93
	1.9 TDI	1,9	85	COOLING WATER HEATER	3	12	8/98>	SX76	GX76
	1.9 TDI	1,9	96	ASZ	4	12	10/00>	SX93	GX93
	1.9 TDI	1,9	96	COOLING WATER HEATER	3	12	10/00>	SX76	GX76
	2,0 TDI (8P1)	2,0	100	AZV	4	12	05/03>	/	GX2117
	2,0 TDI (8P1)	2,0	103	BKD, BMM	4	12	05/03>	/	GX2117
	2,0 TDI QUATTRO (8P1)	2,0	103	BKD, BMM	4	12	08/04>	/	GX2117
	2,0 TDI SPORTBACK (8PA)	2,0	103	BKD, BMM	4	12	09/04>	/	GX2117
	2,0 TDI SPORTB. (8PA) 4	2,0	103	BMM	4	12	11/05>	/	GX2117
A4	1.9 TDI	1,9	55	AFF,AFN,AHH,AHU,AJM,ATD,AVF,1Z,	4	12	3/96>	SX93	GX93
	1.9 DI	1,9	55	AFF	4	12	12/95>11/00	SX93	GX93
	1.9 TDI	1,9	55-114	COOLING WATER HEATER	3	12	3/96>	SX76	GX76
	1,9 TDI (8D2, B5)	1,9	66	1Z, AHH, AHU	4	12	01/95>11/00	SX93	GX93
	1,9 TDI (8E2, B6)	1,9	85	BKE	4	12	06/04>	/	GX2097
	1,9 TDI (8EC)	1,9	85	BKE	4	12	11/04>	/	GX2097
	1,9 TDI (8E2, B6)	1,9	74	AVB	4	12	05/01>	SX93	GX93
	1,9 TDI AVANT (8D5,B5)	1,9	85	AJM	4	12	03/00>09/01	SX93	GX93
	1,9 TDI AVANT (8E5,B6)	1,9	85	BKE	4	12	06/04>	/	GX2097
	1,9 TDI AVANT (8ED)	1,9	85	BKE	4	12	11/04>	/	GX2097
	2,0 TDI (8EC)	2,0	100	BNA	4	12	11/04>	/	GX2117
	2,0 TDI (8EC)	2,0	103	BLB, BPW	4	12	11/04>	/	GX2117
	2,0 TDI AVANT (8ED)	2,0	103	BLB	4	12	11/04>	/	GX2117
	2,0 TDI CABRIOLET (8H7)	2,0	103	BPW	4	12	10/05>	/	GX2117
	2.5 TDI	2,5	114	AYM	6	12	08/01>07/02	/	GX124
	2.5 TDI, QUATTRO	2,5	110-132	AFB, AKN,AKE, AVL	6	12	11/97>	/	GX124
	2,5 TDI CONVERTIBLE	2,5	120	BCZ-BDG	6	12	08/02>	/	GX124
	3,0 TDI QUATTRO (8EC)	3,0	150	BKN	6	12	11/04	/	GX2127
	3,0 TDI AVANT 4 (8EC)	3,0	150	BKN	6	12	11/04	/	GX2127
A6	1.9 TDI	1,9	66-96	AHU,AFN,AJM,AVF1Z,AWF,AWX	4	12	7/94>08/01	SX93	GX93
	1.9 TDI	1,9	66-96	COOLING WATER HEATER	3	12	7/94>08/01	SX76	GX76
	1,9 TDI	1,9	96	AVF-AWX	4	12	08/01>	SX59	GX59
	2,0 TDI (4F2)	2,0	103	BLB, BRE	4	12	07/04>	/	GX2117
	2,0 TDI AVANT (4F5)	2,0	103	BLB, BRE	4	12	06/05>	/	GX2117
	2.5 TDI	2,5	85-103	AAT, AEL	5	12	08/94>12/97	SX93	GX93
	2.5 TDI	2,5	110-132	AFB, AKE,AKN	6	12	4/97>7/98	/	GX124
	2,5 TDI	2,5	120	BCZ, BDG, BFC	6	12	07/02>	/	GX124

APPLICATION LIST

A-B

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
AUDI									
A6	2,5 TDI	2,5	114	AYM	6	12	08/01>	/	GX124
	2,5 TDI AVANT	2,5	120	BCZ, BDG, BFC	6	12	07/02>	/	GX124
	2,7 TDI	2,7	120	BSG	6	12	11/04>	/	GX124
	2,7 TDI QUATTRO	2,7	120	BSG	6	12	06/05>	/	GX124
	2,7 TDI (4F2)	2,7	132	4F-5-028-001 =>	6	12	11/04>	/	GX2127
	2,7 TDI QUATTRO (4F2)	2,7	132	F4F-5-028-001 =>	6	12	11/04>	/	GX2127
	2,7 TDI AVANT (4F5)	2,7	132	F4F-5-028-001 =>	6	12	03/05>	/	GX2127
	2,7 TDI AVANT 4 (4F5)	2,7	132	F4F-5-028-001 =>	6	12	03/05>	/	GX2127
	3,0 TDI QUATTRO (4FC)	3,0	155	BNG	6	12	03/05>	/	GX124
	3,0 TDI QUATTRO (4F2)	3,0	155	BNG	6	12	05/04>	/	GX2127
	3,0 TDI QUATTRO (4F2)	3,0	165	BMK	6	12	05/04	/	GX2127
	3,0 TDI AVANT 4 (4F5)	3,0	155	BNG	6	12	03/05>	/	GX2127
	3,0 TDI AVANT 4 (4F5)	3,0	165	BMK	6	12	03/05>	/	GX2127
A8	2.5 TDI	2.5	110-132	AFB, AKE, AKN	6	12	6/97>9/98	/	GX124
	3,0 TDI QUATTRO (4E)	3,0	155	BNG	6	12	11/03>	/	GX2127
	3,0 TDI QUATTRO (4E)	3,0	171	ASB	6	12	08/03>	/	GX124
	3,3 TDI	3,3	165	AKF	6	12	09/99>	/	GX124
	4,0 TDI QUATTRO	4,0	202	ASE	8	12	03/03>	/	GX98
	4,2 TDI QUATTRO	4,2	235	BFL	8	12	07/05>	O	O
5000	2.0 D	2.0	51	CN	5	12	5/79>5/83	SR58	GX59
	2.0 TD	2.0	66	DE	5	12	6/83>07/85	SR58	GX59
ALLROAD	2.5 TDI	2,5	132	AKE, BAU	6	12	05/00>	/	GX 124
CABRIO	1.9 TDI	1.9	66	1Z, AHU	4	12	7/95>7/96	SX93	GX93
	1.9 TDI	1.9	66	COOLING WATER HEATER	3	12	7/95>7/96	SX76	GX76
AVIA									
A 21.1					4	12	10/90>	SX74	GX74
A 31.1					4	12	10/90>	SX74	GX74
AVIA		3,6	65	D407	4	12	>1/93	SX74	GX74
BEDFORD									
ASTRA 1.6 MAX, VAN	1.6 D	1.6	40	16D OHC	4	12	3/82>	SR74	GX74
ASTRA 1.6 VAN	1.7 D	1.7	42	17D	4	12	1/89>	SX74	GX74
	1.7 TD	1.7	60	TC4EE1(S/N817253->),17DT/TC4	4	12	2/90>	JA26IS	GJ26IS
	1.7 TD	1.7	60	TC4 EE1 (S/N->817252)	4	12	2/90>8/91	JA22IS	GJ26IS
BLITZ	2.1 XPD	2.1	44	-> MOT.21 DT-36242	4	12	9/72 > 9/78	AN400PG	/
	2.1	2.1	44	MOT.21 36243 ->	4	12	9/72 > 9/78	AN600OP	/
	2,0	2,0	44	21D SERIE:97000	4	12	9/75 > 9/78	AN650OP	/
	2.0 D	2.0	44	97000	4	12	11/79>12/80	SR74	GX74
	2.3 D	2.3	46	OPEL 23D OHC	4	12	9/80> 7/87	N76	GX74
BRAVA PICK-UP D 4X4	2.2 D	2.2	52	ISUZU C223	4	12	12/88>	JA16IS	GJ28IS
	2.5 D	2.5		ISUZU 4JA1T	4	12	12/88>	JA16IS	GJ28IS
CF 2.3 D, VAN D	2.3 D	2.3	48-52	OPEL 23D OHC	6	12	9/80>	SX74	GX74
CF 230, 250, 280, 350	2.3 D	2.3				12	9/82>7/87	SX74	GX74

APPLICATION LIST

B

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
BEDFORD									
KB 26	2.0 D	2.0				12	8/82>1/88	SX74	GX74
KB PICKUP	2.0 D	2.0		OHV		12	80>99	JA16IS	GJ28IS
MIDI VAN	2.0 D	2.0	50	ISUZU 4FC1	4	12	>7/88	JA16IS	GJ28IS
	2.0 TD	2.0		ISUZU 4FC1T	4	12	8/88>	JA22IS	GJ26IS
	2.2 D	2.2	45	22DIE	4	12	06/88>08/92	JA22IS	GJ26IS
	2.2 D	2.2	44	ISUZU 4FD1	4	12	3/88>	JA22IS	GJ26IS
VAN	2.5 D	2.5		ISUZU		12	11/89>	JA24IS	GJ24IS
BMW									
118 D (E87)	2,0 D (E87)	2,0	90	M47N204D4	4	12	09/04>	/	GX2106
120 D (E87)	2,0 D (E87)	2,0	120	M47N204D4	4	12	09/04>	/	GX2106
318 D (E36)	1.8 TDS	1.8	66	M41 D18	4	12	9/94>	SX77	GX74
318 D (E46)	2.0 D	2,0	85	M47N204D1	4	12	09/01>03/03	/	GX2106
318 D (E46)	2.0 D	2,0	85	M47N204D4	4	12	03/03>02/05	/	GX2106
318 D (E90)	2,0 D	2,0	90	M47N204D4	4	12	09/05>	/	GX2106
318 D (E91) TOURING		2,0	90	M47N204D4	4	12	09/05>	/	GX2106
318 TD (E46)	2,0 TD	2,0	85	M47N204D4	4	12	03/03>02/05	/	GX2106
320 D (E46)	2.0 D	2.0	100	M47 D20	4	12	4/98>	/	GX106
320 D (E46)	2.0 D	2.0	110	M47N204D4	4	12	09/01>02/05	/	GX2106
320 D (E90)	2,0 D	2,0	120	M47N204D5	4	12	01/05>	/	GX2106
320 D (E91) TOURING	2,0 D	2,0	120	M47N204D5	4	12	01/05>	/	GX2106
320 CD (E46) CABRIO	2.0 CD	2.0	110	M47N204D4	4	12	02/05>	/	GX2106
320 CD (E46) COUPE'	2,0 CD	2.0	110	M47N204D4	4	12	11/03>	/	GX2106
320 TD (E46)	2,0 TD	2,0	150	M47N204D4	4	12	09/01>02/05	/	GX2106
324 (E30)	2.4 D	2.4	63	M21 D24	6	12	9/85>8/91	SR74	GX74
324 (E30)	2.4 TD	2.4	85	M21 D24	6	12	9/87>	SX77	GX74
325 (E36)	2.5 TD	2.5	85	M51 D25	6	12	9/91>	SX77	GX74
325 (E36)	2.5 TDS	2.5	105	M51 D25	6	12	93>	SX77	GX74
330 D (E46)	3.0 D	3,0	150	M57N306D2	6	12	03/03>02/05	/	GX2106
330 D (E90)	3.0 D	3,0	170	M57N306D3	6	12	09/05>	/	GX2106
330 D (E91) TOURING	3,0 D	3,0	170	M57N306D3	6	12	09/05>	/	GX2106
330 CD (E46) CABRIO	3.0 CD	3,0	150	M57N306D2	6	12	08/05>	/	GX2106
330 CD (E46) COUPE'	3.0 CD	3,0	150	M57N306D2	6	12	03/03>	/	GX2106
330 XD (E46)	3.0 XD	3,0	135	M57 D30	6	12	07/00>	/	GX106
330 XD (E90)	3.0 XD	3,0	170	M57N306D3	6	12	09/05>	/	GX2106
330 XD (E91) TOURING	3.0 XD	3,0	170	M57N306D3	6	12	09/05>	/	GX2106
520 D (E39)	2.0 D	2.0	100	M47 D20	4	12	02/00>	/	GX106
520 D (E60)	2,0 D	2,0	120	M47N204D5	4	12	07/05>	/	GX2106
520 D (E61) TOURING	2,0 D	2,0	120	M47N204D5	4	12	07/05>	/	GX2106
524 (E28)	2.4 D	2.4	63	M21 D24	6	12	9/83>12/87	SR74	GX74
524 (E28)	2.4 TD	2.4	85	M21 D24	6	12	9/83>8/91	SX77	GX74
525 (E34)	2.5 TD	2.5	85	M51 D25	6	12	9/91>	SX77	GX74
525 (E34 , E39)	2.5 Tds	2.5	105	M51 D25	6	12	9/91>	SX77	GX74
525 D (E39)	2.5 D	2,5	120	M57 D25	6	12	04/00>	/	GX106
525 D (E60)	2,5 D	2,5	130	M57N256D4	6	12	06/04>	/	GX2106

APPLICATION LIST

B

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
BMW									
525 D (E61)	2,5 D	2,5	130	M57N256D4	6	12	06/04>	/	GX2106
530 D (E60)	3,0 D	3,0	160	M57N306D2	6	12	07/03>	/	GX2106
530 D (E60)	3,0 D	3,0	170	M57N306D3	6	12	07/03>	/	GX2106
530 D (E61) TOURING	3,0 D	3,0	160	M57N306D2	6	12	06/04>	/	GX2106
530 D (E61) TOURING	3,0 D	3,0	170	M57N306D3	6	12	07/05>	/	GX2106
530TD (E39)	3.0 TD	3.0	135	M57 D30	6	12	8/98>	/	GX106
530 XD (E60)	3,0 D	3,0	170	M57N306D3	6	12	07/05>	/	GX2106
530 XD (E61) TOURING	3,0 D	3,0	170	M57N306D3	6	12	07/05>	/	GX2106
535 D (E60)	3,0 D	3,0	200	M57N306D4	6	12	09/04>	/	GX2106
535 D (E61) TOURING	3,0 D	3,0	200	M57N306D4	6	12	09/04>	/	GX2106
725 TDs (E38)	2.5 Tds	2.5	105	M51 D25	6	12	1/96>	SX77	GX74
730 D, TD (E38)	3.0 D	3.0	142	M57 D30	6	12	8/98 >	/	GX106
730 D, TD (E65, E66)	3,0 D	3,0	160	M57N306D2	6	12	10/02>	/	GX2106
730 D, TD (E65, E66)	3,0 D	3,0	170		6	12	07/05>	/	GX2106
740 TD (E38)	4.0 TD	4.0	180	M67 D39	8	12	5/99>11/01	/	GX133
740 D, TD (E65, E66)	4,0 TD	4,0	190	M67N398D1	8	12	10/02>	/	GX2135
745 D (E65, E66)	4,5 D	4,5	242		8	12	07/05>	/	GX2135
X3 2,0 D (E83)	2,0 D	2,0	110	M47N204D4	4	12	10/04>	/	GX2106
X3 3,0 D (E83)	3,0 D	3,0	150	M54N306D2	6	12	01/04>	/	GX2106
X3 3,0 D (E83)	3,0 D	3,0	160		6	12	01/04>	/	GX2106
X5 3,0 D (E53)	3,0 D	3,0	135	M57N306D1	6	12	05/01>	/	GX106
X5 3,0 D (E53)	3,0 D	3,0	160	M57N306D4	6	12	12/03>	/	GX2106
BODINI									
TRACTORS						12		AN101	/
TRUCKS						24		AN201	/
BOMAG									
10A			41	KHD-F4L912		12	01/73>	TF140	/
200			44	KHD-F4L912		12	01/73>06/86	TF140	/
15 A			77	KHD-F6L912		12	01/73>	TF140	/
211			103	KHD-F6L912		12	06/73>06/85	TF140	/
211.B			82	KHD-F6L912		12	01/73>06/85	TF140	/
212			103	KHD-BF6L913		12	09/73>	TF140	/
213.A.D.AD			82	KHD-F6L912		12	08/81>	TF140	/
213 PD			103	KHD-F6L913		12	02/83>	TF140	/
6			37	KHD-F3L912		12	01/73>	TF140	/
BW 4 A			37	KHD-F3L912		12	01/73>09/84	TF140	/
BUICK									
CENTURY	4.3 D	4.3		4.3 i DIESEL V6 T,V	6	12	82>83	US565CH	GUS565CH
	5.7 D	5.7	77	5.7 i DIESEL V8 N	8	12	81>81	US565CH	GUS565CH
ELECTRA 5.7	5.7 D	5.7		5.7 i DIESEL V8 N	8	12	80>83	US565CH	GUS565CH

APPLICATION LIST

B-C

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
BUICK									
LESABRE 5.7	5.7 D	5.7		5.7 i DIESEL V8 N	8	12	80>83	US565CH	GUS565CH
REGAL	4.3 D	4.3		4.3 i DIESEL V6 T,V	8	12	82>83	US565CH	GUS565CH
	5.7 D	5.7		5.7 i DIESEL V8 N	8	12	81>83	US565CH	GUS565CH
RIVIERA	4.3	4.3		4.3 V6 260 cu.in	6	12	82>83	US565CH	GUS565CH
	5.7 D	5.7		5.7 i DIESEL V8 N	8	12	80>83	US565CH	GUS565CH
	5.7	5.7		5.7 V8 260 cu.in.	8	12	80>83	US565CH	GUS565CH
CADILLAC									
DE VILLE	5,7 D	5.7		5.7 i DIESEL V8 N	8	12	79>83	US565CH	GUS565CH
ELDORADO	5,7 D	5.7		5.7 i DIESEL V8 N	8	12	79>83	US565CH	GUS565CH
FLEETWOOD	5,7 D	5.7		5.7 i DIESEL V8 N	8	12	79>83	US565CH	GUS565CH
SEVILLE	5,7 D	5.7		5.7 i DIESEL V8N	8	12	79>83	US565CH	GUS565CH
	5,7 D	5.7		5.7 i DIESEL V8 350 cu.in.	8	12	79>83	US565CH	GUS565CH
CARBODIES									
FX4R 2,25D	2.25 D	2.25	44	Rover 22E	4	12	01/82>12/85	SX84	GX84
CASALINI									
SULKY-YDEA	KORE	0,5	4	Lombardini 2100089 Fox 500	2	12		SX74	GX74
	KORE	0,5	4	Lombardini 2100077 Fox 500	2	12		SX74	GX74
	KORE	0,5	4	Lombardini 2100072 Fox 500	2	12		SX74	GX74
	KORE	0,5	4	Mitsubishi L2C2 MM43214801	2	12		/	GJ38MI
CATERPILLAR									
BULLDOZER				330/4, 330/6, 340/6	4-6	12		JA170CA	/
POWER SHOVEL				320/4	4	24		JA172CA	/
				330/4, 330/6, 340/6	4-6	12		JA174CA	/
				B15, 25 FLT, B10, 12 FLT, 510 PFLT		12		TA50E	/
CHEVROLET									
BLAZER	6,2 D	6.2		6.2 i DIESEL V8 C, B8 J	8	12	82>92	US550CH	GUS555CH
C10,20,30-K10,20,30-P20,30						12	83>	US550CH	GUS555CH
CAPRICE	5,7 D	5.7		5.7 i DIESEL V8 N	8	12	80>83	US565CH	GUS565CH
CELEBRITY	4,3 D	4.3		4.3 i DIESEL V6 T	6	12	82>83	US565CH	GUS565CH
	4.3 V	4.3		4.3 V6 260 cu.in.	6	12		US565CH	GUS565CH
EL CAMINO	5.7 N	5.7		5.7 V8 350 cu.in.	8	12	82>83	US565CH	GUS565CH
	5.7 N, Z	5.7		5.7 V8 350 CID	8	12	80>82	US565CH	GUS565CH
IMPALA	5,7 D	5.7		5.7 i DIESEL V8 N	8	12	80>83	US565CH	GUS565CH
MALIBU, MONTECARLO	4,3 D	4.3		4.3 i DIESEL V6 V	6	12	82>83	US565CH	GUS565CH
	5,7 D	5.7		5.7 i DIESEL V8 N	8	12	82>83	US565CH	GUS565CH
CHASSIS	6,5 TD 0,75t	6,5		V8	8	12	1/82>12/89	US567CH	GUS567CH
	6,5 TD 0,5t, 1,0t, Motor-home	6,5		V8	8	12	1/82>	US567CH	GUS567CH

APPLICATION LIST

C

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
CHEVROLET									
FULL SIZE	6,5 TD Classic CK	6,5		V8	8	12	1/99>	US567CH	GUS567CH
	6,5 TD CK	6,5		V8	8	12	1/82>	US567CH	GUS567CH
	6,5 TD RV	6,5		V8	8	12	1/87>12/91	US567CH	GUS567CH
MD Bus CHASSIS	6,5 TD	6,5		V8	8	12	1/97>12/98	US567CH	GUS567CH
VAN	6,5 TD 0,5t	6,5		V8	8	12	1/82>12/86	US567CH	GUS567CH
	6,5 TD 0,75t	6,5		V8	8	12	1/82>12/00	US567CH	GUS567CH
	6,5 TD 1,0t	6,5		V8	8	12	1/82>	US567CH	GUS567CH
	6,5 TD 1,0t CLASSIC	6,5		V8	8	12	1/99>	US567CH	GUS567CH
CHRYSLER / JEEP									
RENEGADE	2.1 D	2.1		MOT. ISUZU		12	83>	JA14IS	GJ28IS
CHEROKEE	2.1 TD	2.1	59/65	RENAULT J8S, J8S814,J8S890	4	12	1/87>1/91	R74	GX74
	2.1 TD	2.1	65	RENAULT J8S890	4	12	2/91>8/94	SX64	GX64
	2.5 TD	2.5	85-87	VM HR425 CLIRX	4	12	9/94>5/95	SX74	GX74
	2.5 TD	2.5	85-87	VM HR425 CLIRX	4	12	5/95>	SX97	GX97
	2,5 CRD	2,5	105		4	12	09/01>	/	GX123
	2,8 CRD	2,8	110		4	12	11/02>	/	GX123
CJ5 - CJ7	2,3	2,3		ISUZU C240	4	12		JA28IS	GJ28IS
DAKOTA						12		SX97	GX97
GRAND CHEROKEE	2.5 TD	2.5	88	VM HR492 / VM 425 CLIRE	4	12	1/93>	SX74	GX74
	2.5 TD	2.5	85	VM HR425 CLIRX	4	12	10/95>	SX97	GX97
	2,5 TD	2,5	110	ENC	5	12	4/99>	SX97	GX97
	2,7 CRD	2,7	120		5	12	10/01>	/	GX 129
	3,1 TD	3,1	103	EXA 1	5	12	4/99>	SX97	GX97
GRAND VOYAGER	2.5 TD LE	2.5	85-87	VM HR 425 CLI	4	12	92>95	SX74	GX74
	2.5 TD LE	2.5	88	VM HR425 CLIEE	4	12	05/95>	SX97	GX97
LAREDO, TEXAN	2.1 D	2.1	64	RENAULT	4	12	7/88>	R74	GX74
PT CRUISER	2,2 CRD	2,2	89	EDJ	4	12	03/02>	/	GX129
SAHARAN, WRANGLER	2.1 D	2.1	64	RENAULT	4	12	7/88>	R74	GX74
VOYAGER	2.5 TD SE	2.5	85	VM HR425 CLIRE / VM HR492	4	12	4/92>4/95	SX74	GX74
	2.5 TD LE/SE	2.5	88	VM HR425 CLIEE	4	12	05/95>	SX97	GX97
	2,5 TD	2,5	103	EXA 1	5	12	3/01>	SX97	GX97
	2,5 CRD	2,5	105	ENC/ENJ	4	12	02/00>	/	GX123
	2,8 CRD	2,8	110	ENR	4	12	06/04>	/	GX123
CITROEN									
AX	1.4 GTD,RD,TRD Allure, Caban	1.4	39	K9A (TUD 3L)	4	12	9/88>9/94	SR66	GX66
	1.5 D	1.5	40-43	VJY, VJZ (TUD 5)	4	12	08/94>12/97	SX89	GX89
BX	1.7 D	1.7	44	161A(XUD 7)	4	12	7/85>	SR74	GX74
	1.7 TD,TRD Turbo	1.7	66	AJZ(XUD7TE/Y),A8A (XUD7TE)	4	12	2/88>	SR74	GX74
	1,8 D	1,8	44	XUD7	4	12	7/85>1/93	SX74	GX74
	1,8 TD, TRD	1,8	66	XUD7TE	4	12	3/88>1/93	SX74	GX74
	1.9 D,RD,TD,TRD	1.9	47	162(XUD 9)	4	12	9/83>12/87	SR74	GX74
	1.9 D,TD,TRD	1.9	51	D9B(XUD9A/L)	4	12	3/87>	SR74	GX74
	1.9 TGD	1.9	47	DJZ (XUD9Y)	4	12	1/89>	SX74	GX74

APPLICATION LIST

C

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
CITROEN									
CX	2.5 D	2.5	54	M25-660	4	12	7/82>6/88	SR74	GX74
	2.5 D Pallas, RD, TRD	2.5	54	M25-660	4	12	7/82>12/92	SR74	GX74
	2.5 TD Turbo 2	2.5	70-78	M25-648(CRD93T), M25-669, M25-671	4	12	4/83>12/92	SR74	GX74
	2.2 D	2.2	49	M22-621	4	12	10/75>2/79	AN500CI	/
	2.5 D, REFLEX	2.5	55	M25-629	4	12	2/78>6/79	AN500CI	/
	2.5 D, REFLEX	2.5	55	M25-629	4	12	7/79>6/82	SR74	GX74
C 1	1,4 HDI	1,4	40	DVD4	4	12	06/05>	/	GX4118
C 2	1,4 HDI	1,4	50	8HX (DV4TD)	4	12	09/03>	/	GX4118
C 3	1,4 HDI	1,4	50	8HX (DV4TD)	4	12	02/02>	/	GX4118
	1,4 HDI PLURIEL	1,4	50	8HX (DV4TD)	4	12	04/04>	/	GX4118
	1,4 HDI 16V	1,4	66	8HY (DV4TED4)	4	12	02/02>	/	GX4118
	1,6 HDI 16V	1,6	66		4	12	10/05>	/	GX4118
	1,6 HDI 16V	1,6	80	DV6TED4	4	12	09/05>	/	GX4118
C 4	1,6 Hdi 90	1,6	66		4	12	11/04>	SX 107	GX 107
	2.0 Hdi 135 FAP	2,0	100	DW10BTED4	4	12	11/04>	SX 107	GX 107
	1,6 16V	1,6	80	NFU (TU5JP4)	4	12	11/04>	/	GX4118
	1,6 HDI 110 FAP, COUPE'	1,6	80	DV6TED4	4	12	11/04>	/	GX4118
C 5	1,6 HDI (RC8HZB)	1,6	80	DV6TED4	4	12	09/04>	/	GX4118
	1,6 HDI BREAK (RE8HXB)	1,6	80	DV6TED4	4	12	09/04>	/	GX4118
	2.0 HDI	2,0	80	DW10ATED	4	12	03/01>	SX107	GX107
	2.0 HDI (RCRHRH)	2,0	100	DW10BTED4	4	12	09/04>	/	GX117
	2.0 HDI (RERHRH) Break	2,0	100	DW10BTED4	4	12	09/04>	/	GX117
	2,2 HDI 16V	2,2	98	DW12TED4/FAP	4	12	01/01>	SX107	GX107
C 6	2,7 HDI 205 FAP	2,7	150		6	12	09/05>	/	GX4126
C 8	2,0 HDI	2,0	79	DW10ATED	4	12	07/02>	SX107	GX107
	2,2 HDI	2,2	94	4HX (DW12TED4/FAP)	4	12	07/02>	/	GX117
BERLINGO	1,6 HDI 75	1,6	55	DV6B	4	12	07/05>	/	GX4118
	1,6 HDI 90	1,6	66	DV6ATED4	4	12	07/05>	/	GX4118
	1.8 D	1.8	44	A9A (XUD7)	4	12	7/96>	SX74	GX74
	1.9 D	1.9	51	XUD9A	4	12	7/96>	SX74	GX74
	1.9 D	1.9	51	WJY(DW8B), WJZ(DW8)	4	12	07/98>	SX89	GX89
	1.8 D	1.8	51	DW8, TD	4	12	9/98>	SX90	GX90
	2.0 HDI	2,0	80	DW10TD	4	12	06/00>	SX107	GX107
EVASION	1.9 TD	1.9	68	XUD9TF, XUD9BTF	4	12	7/94>	SX74	GX74
	2.0 TD	2.0	68	DHX	4	12	5/97>	SX74	GX74
	2.0 HDI	2.0	80	DW10TD/DW10ATED	4	12	8/98>	SX107	GX107
	2.1 TD	2.1	80-81	P8C, XUD11BTE	4	12	5/96>4/97	SX74	GX74
SAXO	1.5 D	1.5	37	TUD 5	4	12	2/96>	SX89	GX89
	1.5 D	1.5	40/42	VJY / VJZ / TUD 5	4	12	9/96>	SX89	GX89
SYNERGIE	1,9 D	1.9	51	DW8	4	12	09/98 >	SX90	GX90
	1,9 TD	1.9	68	XUD9TF	4	12	03/94 >	SX74	GX74
	2,0 HDI	2.0	80	DW10	4	12	01/00 >	SX107	GX107
VISA	1.7 D,RD	1.7	44	161 A	4	12	4/84>3/91	SX74	GX74
ZX	1.4 D	1.4	37-39	K9Y (TUD 3)	4	12	3/91> 9/94	SX66	GX66
	1.5 D	1.5	40 - 42	TUD 5	4	12	2/96 >	SX89	GX89
	1.8 D	1.8	44	A9A,161A, XUD7	4	12	3/91>	SX74	GX74
	1.9 D	1.9	47-52	XUD9A/L	4	12	3/91>	SX74	GX74
	1.9 TD	1.9	68	DHY,D8A(XUD9T/L , XUD9TE)	4	12	9/92>	SX74	GX74

APPLICATION LIST

C

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
CITROEN									
XANTIA	1.9 D	1.9	51	XUD9A / L	4	12	3/93>01/96	SX74	GX74
	1.9 D	1.9	55	XUD9A	4	12	5/94>	SX74	GX74
	1,9 TD	1.9	66 - 68	XUD9BTF / XUD9BSD	4	12	03/93 >	SX74	GX74
	2.0 HDI	2,0	81	DW10TD, ATED	4	12	10/98>	SX107	GX107
	2.0 HDI BREAK	2,0	66	DW10TD,ATED	4	12	10/98>	SX107	GX107
	2.1 TD	2.1	80	XUD11BTE / XUD11BTF	4	12	5/95>	SX74	GX74
XM	2.1 D	2.1	60	(XUD11A/L)	4	12	5/89>	SX74	GX74
	2.1 TD	2.1	80	XUD11ATE/L, XUD11BTE	4	12	5/89>	SX74	GX74
	2.5 TD	2.5	96	THY(DK5ATE)	4	12	7/94>	SX74	GX74
XSARA	1,4 HDI (N1)	1,4	50	8HX (DV4TD)	4	12	01/03>	/	GX4118
	1,4 HDI BREAK (N2)	1,4	50	8HX (DV4TD)	4	12	01/03>	/	GX4118
	1,4 HDI COUPE' (N0)	1,4	50	8HX (DV4TD)	4	12	01/03>	/	GX4118
	1.5 D	1.5	40 - 42	TUD 5	4	12	2/96 >	SX89	GX89
	1,6 HDI	1,6	80	DV6TED4	4	12	05/04>	/	GX4118
	1.8 D, BREAK	1.8	43	XUD7	4	12	10/97-	SX74	GX74
	1.9 D	1.9	50	XUD9A	4	12	10/97-	SX74	GX74
	1.9 D	1.9	51	WJY(DW8B), WJZ(DW8)	4	12	7/98>	SX89	GX89
	1.9 D	1.9	51	DW 8	4	12	7/98>	SX90	GX90
	1.9 TD	1.9	66	XUD9TE	4	12	10/97>	SX74	GX74
	2.0 HDI	2.0	80	DW10ATED	4	12	05/01>	SX107	GX107
	2.0 HDI, BREAK, COUPE	2.0	66	DW10TD	4	12	2/99>	SX107	GX107
	PICASSO 1,6 HDI (N68)	1,6	80	DV6TED4	4	12	05/04>	/	GX4118
	PICASSO 2.0 HDI	2,0	66	DW10TD	4	12	06/00>	SX107	GX107
XSARA II	1,9 D	1,9	55	DHV (XUD9BSD)	4	12	10/00>	SX74	GX74
	1,9 TD	1,9	66	DHY (XUD9TE / Y)	4	12	10/00>	SX74	GX74
	2,0 HDI	2,0	80	DW10	4	12	06/00 >	SX107	GX107
C 15	1.8 D	1.8	44	161 A(XUD 7)	4	12	7/86>12/97	SX74	GX74
	1,9 D	1,9	44		4	12	12/00>	SX89	GX89
C 25 D	1.9 D	1.9	51	D9B(XUD9A)	4	12	7/87>	SR74	GX74
	2.5 D	2.5	54/55	CRD93L(U25/651,661)	4	12	7/81>	SR74	GX74
C 25 TD	2.5 TD	2.5	70	CRD93LS	4	12	8/87>	SR74	GX74
C 32 D	2.2 D	2.2	45	CRD90(B22/615)	4	12	9/73>12/79	AN500CI	/
	2.2 D	2.2	45	CRD90	4	12	4/79>12/79	SR74	GX74
C 35 D	2.2 D	2.2	45	CRD90	4	12	4/79>12/79	SR74	GX74
	2.2 D	2.2	45	CRD90(B22/615)	4	12	9/73>12/79	AN500CI	/
	2.5 D	2.5	50	CRD93B(B25/637)	4	12	1/80>	SR74	GX74
C 45 D	2.5 D	2.5	50	CRD93B(B25/637)	4	12	1/80>	SR74	GX74
DISPATCH	1,9 D	1,9	51	XUD9A	4	12	1/96 >	SX74	GX74
	1,9 TD	1,9	68	XUD9TF	4	12	1/96 >	SX74	GX74
	2,0 HDI	2,0	80	DW10	4	12	9/98 >	SX107	GX107
RELAY	1000 D	1,9	51	XUD9	4	12	11/95>	SX74	GX74
	1400 D	2,5	63	DJ5	4	12	03/94>	SX74	GX74
	1400 TD	2,5	76	DJ5T	4	12	03/94>12/96	SX74	GX74
	1400 TDI	2,5	76	DJ5TED	4	12	01/97>	SX120	GX120
	1800 D	1,9	51	XUD9	4	12	11/95>	SX74	GX74
	1800 D	2,5	63	DJ5	4	12	03/94>	SX74	GX74
	1800 TD	2,5	76	DJ5T	4	12	03/94>12/96	SX74	GX74
	1800TDI	2,5	76	DJ5TED	4	12	01/97>	SX120	GX120

APPLICATION LIST

C-D

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
CITROEN									
JUMPER	1.9 D	1.9	51	XUD9AU	4	12	3/94>	SX74	GX74
	1.9 TD	1.9	68	XUD9TFU	4	12	3/94>	SX74	GX74
	2.0 D	2.0	80	DW10TED, DW10DU	4	12	9/98>	SX107	GX107
	2,0 HDI	2	62	DW10UTD	4	12	04/02>	SX107	GX107
	2,2 HDI	2,2	74	DW12TED	4	12	04/02>	SX107	GX107
	2.5 D	2.5	63	DJ5	4	12	3/94>	SX74	GX74
	2.5 TD	2.5	76	DJ5T	4	12	3/94>8/96	SX74	GX74
	2.5 TDI	2.5	76	DJ5TED	4	12	9/96>	SX120	GX120
	2,8 HDI	2,8	94	8140.43S	4	12	09/00>04/02	SX79	GX79
	2,8 HDI 4X4	2,8	94	8140.43S	4	12	09/00>04/02	SX79	GX79
	2,8 HDI	2,8	94	F.28TDCR	4	12	09/00>	SX79	GX79
JUMPY	1.8 D	1.8	51	DW8, TD	4	12	9/98>	SX90	GX90
	1.9 D	1.9	50-52	XUD, XUD9A	4	12	10/95>	SX74	GX74
	1.9 D	1.9	51	WJZ(DW8)	4	12	04/98>	SX89	GX89
	1.9 TD	1.9	66-68	XUD, XUD9TF	4	12	10/95>	SX74	GX74
	2.0 HDI	2,0	80	RHZ (DW10ATED)	4	12	10/99>	SX107	GX107
	2,0 HDI	2,0	69	RHZ	4	12	10/99>	SX107	GX107
CLAAS									
75 R			77	KHD-F6L912		12	10/74>	TF140	/
MERCATOR 60			70	KHD-F6L912		12	01/73>	TF140	/
CLAYSON									
1520			51	KHD-F4L912		12	02/72>12/79	TF140	/
1530			72	KHD-F6L912		12	01/72>12/79	TF140	/
1540			74	KHD-F6L912		12	01/72>12/79	TF140	/
DACIA									
DUSTER D	1.6 GLD	1,6	40		4	12	11/89>	R74	GX74
LOGAN	1.5 dCi	1,5	48	K9K 790		11	09/05>	/	GX 82
DAEWOO									
KORANDO	1,9 D	1,9	40	F8Q290, F8Q292	4	12	02/99>	/	GX99
	2,9 D	2,9	72	MB-OM 662	4	12	01/99>	SX70	GX70
	2,9 TD	2,9	88	MB-OM 601	4	12	01/99>	SX70	GX70
LUBLIN	2,4 D	2,4	52	4C90	4	12	04/97>	AN600OP	/
	2,4 TD	2,4	66	4CT90-1	4	12	04/97>	SR74	GX74
MUSSO	2,2 TD	2,2	74	MB-OM 662	4	12	09/99>	SX70	GX70
	2,9 D	2,9	72	MB-OM 662	4	12	01/99>	SX70	GX70
	2,9 TD	2,9	88	MB-OM 601	4	12	01/99>	SX70	GX70
REXTON	2,9 TD	2,9	88		5		04/02>	SX70	GX70

APPLICATION LIST

D

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
DAF									
FA 65 CF 180			133	NS 133 M		12	02/98>	AN1184PK	/
FA 65 CF 210			156	NS 156 M		12	02/98>	AN1184PK	/
FA 65 CF 240			177	NS 177 M		12	02/98>	AN1184PK	/
FAV 65 CF 180			133	NS 133 M		12	02/98>	AN1184PK	/
FAV 65 CF 210			156	NS 156 M		12	02/98>	AN1184PK	/
FA 75 CF 250			183	PF 183 M		12	02/98>	AN1184PK	/
FA 75 CF 290			212	PF 212 M		12	02/98>	AN1184PK	/
FA 75 CF 320			235	PF 235 M		12	02/98>	AN1184PK	/
FAG 75 CF 250			183	PF 183 M		12	02/98>	AN1184PK	/
FAG 75 CF 290			212	PF 212 M		12	02/98>	AN1184PK	/
FAG 75 CF 320			235	PF 235 M		12	02/98>	AN1184PK	/
FAN 75 CF 250			183	PF 183 M		12	02/98>	AN1184PK	/
FAN 75 CF 290			212	PF 212 M		12	02/98>	AN1184PK	/
FAN 75 CF 320			235	PF 235 M		12	02/98>	AN1184PK	/
FAR 75 CF 250			183	PF 183 M		12	02/98>	AN1184PK	/
FAR 75 CF 290			212	PF 212 M		12	02/98>	AN1184PK	/
FAR 75 CF 320			235	PF 235 M		12	02/98>	AN1184PK	/
FAS 75 CF 250			183	PF 183 M		12	02/98>	AN1184PK	/
FAS 75 CF 290			212	PF 212 M		12	02/98>	AN1184PK	/
FAS 75 CF 320			235	PF 235 M		12	02/98>	AN1184PK	/
FAT 75 CF 250			183	PF 183 M		12	02/98>	AN1184PK	/
FAT 75 CF 290			212	PF 212 M		12	02/98>	AN1184PK	/
FAT 75 CF 320			235	PF 235 M		12	02/98>	AN1184PK	/
FT 75 CF 250			183	PF 183 M		12	02/98>	AN1184PK	/
FT 75 CF 290			212	PF 212 M		12	02/98>	AN1184PK	/
FT 75 CF 320			235	PF 235 M		12	02/98>	AN1184PK	/
FA 85 CF 340			250	XF 250 M		12	02/98>	AN1184PK	/
FA 85 CF 390			280	XF 280 M		12	02/98>	AN1184PK	/
FA 85 CF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FAC 85 CF 340			250	XF 250 M		12	02/98>	AN1184PK	/
FAC 85 CF 390			280	XF 280 M		12	02/98>	AN1184PK	/
FAC 85 CF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FAD 85 CF 340			250	XF 250 M		12	02/98>	AN1184PK	/
FAD 85 CF 390			280	XF 280 M		12	02/98>	AN1184PK	/
FAD 85 CF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FAG 85 CF 340			250	XF 250 M		12	02/98>	AN1184PK	/
FAG 85 CF 390			280	XF 280 M		12	02/98>	AN1184PK	/
FAG 85 CF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FAN 85 CF 340			250	XF 250 M		12	02/98>	AN1184PK	/
FAN 85 CF 390			280	XF 280 M		12	02/98>	AN1184PK	/
FAN 85 CF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FAR 85 CF 340			250	XF 250 M		12	02/98>	AN1184PK	/
FAR 85 CF 390			280	XF 280 M		12	02/98>	AN1184PK	/
FAR 85 CF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FAS 85 CF 340			250	XF 250 M		12	02/98>	AN1184PK	/
FAS 85 CF 390			280	XF 280 M		12	02/98>	AN1184PK	/

APPLICATION LIST

D

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
DAF									
FAS 85 CF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FAT 85 CF 340			250	XF 250 M		12	02/98>	AN1184PK	/
FAT 85 CF 390			280	XF 280 M		12	02/98>	AN1184PK	/
FAT 85 CF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FT 85 CF 340			250	XF 250 M		12	02/98>	AN1184PK	/
FT 85 CF 390			280	XF 280 M		12	02/98>	AN1184PK	/
FT 85 CF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FTG 85 CF 340			250	XF 250 M		12	02/98>	AN1184PK	/
FTG 85 CF 390			280	XF 280 M		12	02/98>	AN1184PK	/
FTG 85 CF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FTT 85 CF 340			250	XF 250 M		12	02/98>	AN1184PK	/
FTT 85 CF 390			280	XF 280 M		12	02/98>	AN1184PK	/
FTT 85 CF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FA 95 XF 380			280	XF 280 M		12	02/98>	AN1184PK	/
FA 95 XF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FA 95 XF 480			355	XF 355 M		12	02/98>	AN1184PK	/
FA 95 XF 530			390	XF 390 M		12	02/98>	AN1184PK	/
FAC 95 XF 380			280	XF 280 M		12	02/98>	AN1184PK	/
FAC 95 XF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FAC 95 XF 480			355	XF 355 M		12	02/98>	AN1184PK	/
FAC 95 XF 530			390	XF 390 M		12	02/98>	AN1184PK	/
FAD 95 XF 380			280	XF 280 M		12	02/98>	AN1184PK	/
FAD 95 XF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FAD 95 XF 480			355	XF 355 M		12	02/98>	AN1184PK	/
FAD 95 XF 530			390	XF 390 M		12	02/98>	AN1184PK	/
FAR 95 XF 380			280	XF 280 M		12	02/98>	AN1184PK	/
FAR 95 XF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FAR 95 XF 480			355	XF 355 M		12	02/98>	AN1184PK	/
FAR 95 XF 530			390	XF 390 M		12	02/98>	AN1184PK	/
FAS 95 XF 380			280	XF 280 M		12	02/98>	AN1184PK	/
FAS 95 XF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FAS 95 XF 480			355	XF 355 M		12	02/98>	AN1184PK	/
FAS 95 XF 530			390	XF 390 M		12	02/98>	AN1184PK	/
FAT 95 XF 380			280	XF 280 M		12	02/98>	AN1184PK	/
FAT 95 XF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FAT 95 XF 480			355	XF 355 M		12	02/98>	AN1184PK	/
FAT 95 XF 530			390	XF 390 M		12	02/98>	AN1184PK	/
FT 95 XF 380			280	XF 280 M		12	02/98>	AN1184PK	/
FT 95 XF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FT 95 XF 480			355	XF 355 M		12	02/98>	AN1184PK	/
FT 95 XF 530			390	XF 390 M		12	02/98>	AN1184PK	/
FTG 95 XF 380			280	XF 280 M		12	02/98>	AN1184PK	/
FTG 95 XF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FTG 95 XF 480			355	XF 355 M		12	02/98>	AN1184PK	/
FTG 95 XF 530			390	XF 390 M		12	02/98>	AN1184PK	/
FTR 95 XF 380			280	XF 280 M		12	02/98>	AN1184PK	/

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
DAF									
FTR 95 XF 480			355	XF 355 M		12	02/98>	AN1184PK	/
FTR 95 XF 530			390	XF 390 M		12	02/98>	AN1184PK	/
FTS 95 XF 380			280	XF 280 M		12	02/98>	AN1184PK	/
FTS 95 XF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FTS 95 XF 480			355	XF 355 M		12	02/98>	AN1184PK	/
FTS 95 XF 530			390	XF 390 M		12	02/98>	AN1184PK	/
FTT 95 XF 380			280	XF 280 M		12	02/98>	AN1184PK	/
FTT 95 XF 430			315	XF 315 M		12	02/98>	AN1184PK	/
FTT 95 XF 480			355	XF 355 M		12	02/98>	AN1184PK	/
FTT 95 XF 530			390	XF 390 M		12	02/98>	AN1184PK	/
DAIHATSU									
BUS	DG			DG(SV37)	4	12	70>73	JA142DA	/
CHARADE	1,0 D	1.0	28	CL10(N-G30,30V)	3	12	1/83>	JA144DA	GJ121TO
	1,0 CL30	1.0	28	CL30 (Q-G101S MAN.TRANS.)	3	12	1/87>	JA148DA	GJ121TO
	1,0 CL50 TURBO	1.0	35	CL50T	3	12	9/84>	JA121TO	GJ121TO
	1,0 CL51	1.0	28	CL51(N-G101S AUT.TRANS.)	3	12	1/87>	JA146DA	GJ121TO
	1.0 CL70, CL70 TURBO	1.0	28	CL70, CL70T	3	12	1,87>	JA121TO	GJ121TO
DELTA TRUCK	2C			2C (S-CB72V)	4	12	8/88>	JA146DA	GJ121TO
	2C-T			2C-T (Q-CB21G)	4	12	8/88>	JA144DA	GJ121TO
	B, 3B 24V	3.0	57	B, 3B	4	24	83>	/	GJ118TO
	B, 3B 12V	3.0	57	B, 3B	4	12	2/83>	JA121TO	GJ121TO
	DG, DL40	3.4		DG, DL40	4	12	8/77>	JA121TO	GJ121TO
DELTA WIDE	1C, 2C, 2C-T			1C, 2C, 2C-T	4	12	5/83>	JA116TO	GJ121TO
FOUR TRACK	2.8 D	2.8	54	DL 40, DL 50	4	12	1/85>12/93	JA121TO	GJ121TO
HIJET	1,2 D	1,2	26	LDW12	4	12	05/95>03/98	JA144DA	GJ121TO
	1,4 D	1,4	28	LDW14	4	12	03/98>	JA144DA	GJ121TO
	CL20			CL20	4	12		JA144DA	GJ121TO
ROCKY 4WD	2.8 D	2.8	54	DL50	4	12	4/84>4/93	JA144DA	GJ121TO
	2.8 TD	2.8	67-75	DL	4	12	04/84>	JA144DA	GJ121TO
TAFT 4WD	2.5 D	2.5	46	DG (F50,K-F50)	4	12	8/78>3/84	JA110TO	GJ121TO
	2.8 D	2.8	54	DL 40	4	12	10/82>	JA110TO	GJ121TO
1000 CAB/VAN S77/S77V	1.0 D	1.0	27-28	CL20	4	12	10/83>2/87	JA98TO	GJ121TO
DEMAG									
21 C.P			68	KHD-F5L912		24	04/74>12/78	TF160	/
23 C.L			82	KHD-F6L912		24	04/74>12/78	TF160	/
31			114	KHD-F6L413V		24	04/74>12/87	TF150	/
36			114	KHD-F6L413V		24	06/76>12/87	TF150	/
41, 51			154	KHD-F8L413		24	04/74>12/87	TF160	/
101			154	KHD-F8L413		24	04/74>04/77	TF160	/
H 15 C.P			51	KHD-F4L912		24	04/74>12/78	TF160	/

APPLICATION LIST

D-F

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
DEUTZ-FAHR									
660			41	KHD-F3L912		12	01/80>12/80	TF140	/
750			47	KHD-F4L912		12	09/74>12/80	TF140	/
900			52	KHD-F4L912		12	09/74>12/79	TF140	/
922			56	KHD-F4L912		12	05/76>12/81	TF140	/
1000			66	KHD-F6L912		12	01/68>12/77	TF140	/
1002			64	KHD-F5L912		12	05/76>12/81	TF140	/
1102			73	KHD-F6L912		12	05/76>12/80	TF140	/
1200			80	KHD-F6L912		12	01/68>12/77	TF140	/
1202			80	KHD-F6L912		12	05/76>01/80	TF140	/
1300 H			129	KHD-BF6L913		12	01/74>04/76	TF140	/
1300 M			88	KHD-F6L913		12	09/74>12/79	TF140	/
1302 H.HA			102-117	KHD-BF6L913		12	05/76>12/79	TF140	/
2003			44	F4L912H		12	09/74>05/80	TF140	/
INTRAC 2002			37	F3L912		12	01/73>12/76	TF140	/
M 1202			81	KHD-F6L912		12	01/80>	TF140	/
M 600			41	KHD-F3L912		12	09/74>12/80	TF140	/
BF 3L 2011		2332	42-45	BF 3L 2011	3	12		/	GX81
BF 3M 2011		2332	46-49	BF 3M 2011	3	12		/	GX81
BF 4L 1011 F		2731	28-55	BF 4L 1011 F	4	12		/	GX81
BF 4L 1011 FT		2732	46	BF 4L 1011 FT	4	12		/	GX81
BF 4L 2011		3110	55-58	BF 4L 2011	4	12		/	GX81
BF 4M 2011		3110	62-65	BF 4M 2011	4	12		/	GX81
F 2L 1011 F		1366	20-22	F 2L 1011 F	2	12		/	GX81
F 2L 2011		1554	21-23	F 2L 2011	2	12		/	GX81
F 2M 1011		1366	21-23	F 2M 1011	2	12		/	GX81
F 2M 2011		1555	23-24	F 2M 2011	2	12		/	GX81
F 3L 1011 F		2049	16-33	F 3L 1011 F	3	12		/	GX81
F 3L 2011		2332	34-36	F 3L 2011	3	12		/	GX81
F 3M 1011 F		2185	17-36	F 3M 1011 F	3	12		/	GX81
F 3M 2011		2332	34-37	F 3M 2011	3	12		/	GX81
F 4L 1011 F		2732	24-47	F 4L 1011 F	4	12		/	GX81
F 4L 2011		3110	45-48	F 4L 2011	4	12		/	GX81
F 4M 2011		3110	46-49	F 4M 2011	4	12		/	GX81
FERRARI									
TRATTORE 94				SLANZI DVA 1030		12	06/80>	AN1186FD	/
TRATTORE 95				SLANZI DVA 1550		12	06/80>	AN1186FD	/
FIAT									
127	1,3 D	1.3	33	127 A... / 127 A 5...	4	12	4/83>2/87	SR74	GX74
131	Mirafiori D	2.0	44	8144.65...	4	12	3/78>1/84	SR74	GX74
	Mirafiori D	2.5	53	8144.61...	4	12	8/78>12/84	SR74	GX74
132	2.0 D	2.0	44	8144.65...	4	12	3/78>5/81	SR74	GX74
	2.5 D	2.5	52	8144.61...	4	12	3/78>5/81	SR74	GX74

APPLICATION LIST

F

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
FIAT									
ARGENTA	2.5 D, TD	2.5	53-66	8144.61, 8144.81	4	12	81>	SR74	GX74
BRAVA / BRAVO	1.9 D	1.9	48	160 A 7.000	4	12	10/95>	SX74	GX74
	1.9 TD	1.9	55-74	182 A 7.000, 182 A 8.000	4	12	11/98>	SX67	GX67
	1,9 JTD	1,9	76	182 B 9.000(Mot.1716460->)	4	12	8/00>	/	GX103
	1,9 JTD	1,9	76	COOLING WATER HEATER	3	12	8/00>	/	GX80
	1,9 JTD	1,9	77	182 B4.000	4	12	12/98>10/01	SX95	GX95
	1,9 JTD	1,9	77	COOLING WATER HEATER	3	12	12/98>07/00	/	GX80
CAMPAGNOLA	2.5 D	2.5	53	8142.61	4	12	6/79>10/86	SR74	GX74
CROMA	1.9 D Multijet	1.9	88	939A1.000	4	12	06/05>	/	GX 103
	1.9 TD i.d.	1.9	69	154B,154 C 6.000,154 D 1.000	4	12	3/88>12/96	SR83	GX83
	2.5 D	2.5	55	8144.67	4	12	12/85>12/89	SR74	GX74
	2.5 TD	2.5	74	8144.91.200	4	12	12/85>2/89	SR74	GX74
	2.5 TD	2.5	85	8144.97.2500	4	12	1/93>12/93	SX69	GX69
	2.5 TD	2.5	85-86	8144.97.200, 8147.97.2200	4	12	3/89>12/92	SX74	GX74
	1,9 D MULTIJET (194)	1,9	110	939 A2.000	4	12	06/05>	/	GX 4151
	2,4 D MULTIJET (194)	2,4	147	939 A3.000	5	12	06/05>	/	GX 4151
DOBLO	1,3 JTD 16V	1,3	51	188 A9.000	4	12	05/04>	/	GX4119
	1,9 D	1,9	46	223 A 6.000	4	12	01/01>	SX91	GX91
	1,9 JTD	1,9	74	188 B9.000	4	12	01/01>	/	GX103
	1,9 JTD	1,9	74	COOLING WATER HEATER	3	12	01/01>	/	GX80
DUCATO	2,3 JTD	2,3	81	F1AE 0481C	4	12	04/02>		GX4153
DUNA	1.7 D	1.7	44	149 B 3.000	4	12	10/86>12/90	SR74	GX74
FIORINO	1.3 D	1.3	33	127 A5, 146 B 1.000	4	12	3/82>	SR74	GX74
	1.7 D	1.7	42-43	149 B 3.000 149 B 4.046	4	12	12/87>	SR74	GX74
	1.7 TD	1.7	47	146 D 7.000	4	12	2/97>	SX74	GX74
IDEA	1,3 JTD	1,3	51	188 A9.000	4	12	01/04>	/	GX4119
	1,9 JTD	1,9	74	188 B9.000	4	12	01/01 >	/	GX103
	1,9 JTD	1,9	74	188 B2.000	4	12	01/04>	/	GX103
	1,9 JTD	1,9	74	COOLING WATER HEATER	3	12	01/01 >	/	GX80
MAREA	1.9 TD	1.9	55-74	182 A 7.000, 182 A 8.000	4	12	9/96>4/99	SX67	GX67
	1,9 JTD	1,9	77	182 B 4.000(->Mot.1713819)	4	12	3/99>11/99	SX95	GX95
	1,9 JTD	1,9	77	COOLING WATER HEATER	3	12	3/99>11/99	/	GX80
	1,9 JTD	1,9	77	182 B 4.000(Mot.1713820->)	4	12	12/99 >	/	GX103
	1,9 JTD	1,9	77	COOLING WATER HEATER	3	12	12/99 >	/	GX80
	1,9 JTD	1,9	81	186 A 6.000	4	12	08/00>	/	GX103
	2.4 TD	2.4	91	185 A 2.000	5	12	9/96>2/99	SX67	GX67
	2.4 JTD	2.4	96	185 A 6.000 (->Mot. 1713819)	5	12	3/99>11/99	SX95	GX95
	2,4 JTD	2,4	96	COOLING WATER HEATER	3	12	3/99>11/99	/	GX80
	2,4 JTD	2,4	100	185 A 6.000(Mot.1713820->)	5	12	12/99>	/	GX103
	2,4 JTD	2,4	100	COOLING WATER HEATER	3	12	12/99>	/	GX80
MARENGO	1.9 D	1.9	48	160 A 7.000	4	12	1/92>	SX74	GX74
	1.9 TD	1.9	66	160 A 6.000	4	12	1/92>12/96	SX74	GX74
	1.9 TD	1.9	66	160 A 6.000	4	12	2/97>	SX67	GX67
	1,9 JTD	1,9	77	182 B 4.000(->Mot.1713819)	4	12	03/99>11/99	SX95	GX95
	1,9 JTD	1,9	77	182 B 4.000(Mot.1713820->)	4	12	12/99>	/	GX103
	1,9 JTD	1,9	81	186 A 6.000(Mot.1713820->)	4	12	08/00>	/	GX103
	1,9 JTD	1,9	81	COOLING WATER HEATER	3	12	08/00>	/	GX80
	2.0 D	2.0	48	149 A 1	4	12	1/86>7/89	SR74	GX74
	2.5 D	2.5	53	8144.61	4	12	5/80>7/89	SR74	GX74

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
FIAT									
MULTIPLA	1,9 JTD	1,9	77	182B4000(->Mot.1692991)	4	12	04/99>	SX95	GX95
	1,9 JTD	1,9	77	182B4000 (Mot.1692992->)	4	12	12/99>	/	GX103
	1,9 JTD	1,9	77	COOLING WATER HEATER	3	12	1/99>	/	GX80
	1,9 JTD	1,9	81	186 A 6000	4	12	03/01>07/02	/	GX103
	1,9 JTD	1,9	85	186 A 8000	4	12	07/02>	/	GX103
PALIO	1.7 D, TD	1.7	51-52	176 A 3.000	4	12	04/96>	SX74	GX74
	1,9 D	1,9	46	223 A 6.000	4	12	10/00>	SX91	GX91
	1,9 JTD	1,9	74		4	12	01/01 >	/	GX103
	1,9 JTD	1,9	74	COOLING WATER HEATER	3	12	01/01 >	/	GX80
PANDA	1.3 D	1.3	27	156 A 5.000	4	12	3/86>12/89	SR74	GX74
	1,3 JTD	1,3	51	188 A9.000	4	12	09/03>	/	GX4119
PANDA 4X4	1,3 JTD	1,3	51	188 A9.000	4		10/04>	/	GX4119
PUNTO/PUNTO II	1,3 JTD 16V	1,3	51	188 A9.000	4		06/03>	/	GX4119
	1.7 D	1.7	42	176 A 3.000	4	12	11/94>	SX74	GX74
	1.7 TD	1.7	53	176 A 5.000, 176 TD, 1697 TT	4	12	6/93>	SX74	GX74
	1.9 D	1.9	44	188 A 3.000	4	12	9/99>	SX91	GX91
	1,9 JTD	1,9	63	188 A 7,000	4	12	02/00>	/	GX103
	1,9 JTD	1,9	59	188 A 2000	4	12	9/99>	/	GX103
	1,9 JTD	1,9	59	COOLING WATER HEATER	3	12	9/99>		GX80
GRANDE PUNTO	1,3 D MULTIJET	1,3	66		4	12	10/05>	/	GX4119
	1,3 D MULTIJET	1,3	55		4	12	10/05>	/	GX4119
	1,9 D Multijet	1,9	88		4	12	10/05>	/	GX 103
REGATA	1.7 D	1.7	43	138 B... / 149 B 3...	4	12	9/83>3/89	SR74	GX74
	1.9 D, DT	1.9	48	149 A 1, 831 D1...	4	12	4/84>7/89	SR74	GX74
RITMO	ALL MODELS				4	12	10/79>	SR74	GX74
SCUDO	1.8 D, TD	1.8	51	DW 8, DW8 TD	4	12	9/98>	SX90	GX90
	1.9 D	1.9	51	D 9 B	4	12	3/96>	SX74	GX74
	1.9 D	1.9	51	WJZ (DW8)	4	12	04/98>	SX89	GX89
	1.9 TD	1.9	68	D8B	4	12	02/98>	SX89	GX89
	1.9 TD	1.9	68	XUD9TF	4	12	3/96>	SX74	GX74
	2,0 JTD	2,0	69-80	RHZ, RHW, RHX	4	12	12/99>	SX107	GX107
STRADA	1.7 D	1.7	43	138A, AE, 149B3, 831 D1	4	12	79>	SR74	GX74
	1,9 D	1,9	46	223 A6.000	4	12	12/00>	SX91	GX91
	1,9 JTD	1,9	59	188 A2.000	4	12	04/03>	/	GX103
STILO	1,9 JTD	1,9	59	192 A3.000	4	12	02/02>	/	GX103
	1,9 D MULTIJET	1,9	88	192 A9.000	4	12	09/05>	/	GX103
	1,9 JTD S.W.	1,9	85	192 A1.000	4	12	01/03>	/	GX103
	1,9 D MULTIJET (192)	1,9	110	937 A.5000	4	12	09/05>	/	GX4119
	1,9 D MULTIJET S.W. (192)	1,9	110	937 A.5000	4	12	09/05>	/	GX4119
	1,9 JTD (192)	1,9	103	192 A5.000	4	12	01/04>	/	GX4119
	1,9 JTD (192) S.W.	1,9	103	192 A5.000	4	12	01/04>	/	GX4119
TALENTO	1.9 D	1.9	51	149 B 1.000	4	12	3/88>12/94	SX74	GX74
TEMPRA	1.9 D, TD ALL MODELS	1.9	48-68		4	12	2/90>	SX74	GX74
TIPO	1.7 D - 1.9 D, TD		42-68		4	12	7/87>	SR74	GX74
ULYSSE	1.9 TD	1.9	66	XUD 9 TU (D8B, DHX)	4	12	9/94>	SX74	GX74
	2.0 JTD	2.0	80	RHZ, RHW	4	12	10/99>08/02	SX107	GX107
	2.0 JTD	2.0	80	RHZ	4	12	08/02>	SX107	GX107
	2.1 TD	2.1	80	XUD 11 ATE (P8C EDC)	4	12	5/96>	SX74	GX74
	2.2 JTD	2,2	94	4HV (DW12ATED4)	4	12	08/02>	SX107	GX107

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
FIAT									
UNO	ALL MODELS		33-52		4	12	6/83>	SR74	GX74
240							>8/79	AN500CI	/
242	15/18 D	2.5	50	CRD 90	4	12	74>	SR74	GX74
BUS 315, 316				24V				TA40B	/
DAILY	2,8 D	2,8	64	8140.63	6	12	06/98>	SX79	GX79
DAILY, GRINTA	D, TD ALL MODELS	2.5	53	8140.61.204	4	12	4/78>	SR74	GX74
DUCATO	10 D	1.9	51	230 A 2.000	4	12	3/94>	SX69	GX69
	10 D	2.0	52	149 B 1.000	4	12	2/87>2/94	SX74	GX74
	10TD	1.9	60	280 A 1.000	4	12	3/94>	SX74	GX74
	10TD	1.9	59	230 A 4.000 ECO	4	12	3/94>	SX74	GX74
	10TD	1.9	66	DHX	4	12	4/98 >	SX74	GX74
	10TD	2.0	60	280 A 1.000	4	12	1/90>2/94	SX74	GX74
	10TD	2.5	70	8140.27	4	12	7/90 > 2/94	SX74	GX74
	10TD	1.9	50	DJY	4	12	4/98 >	SX90	GX90
	13 D	2.5	53	SOFIM, 8140.62	4	12	>12/85	SR74	GX74
	14 D	2.5	62	8140.67.220	4	12	3/94>3/98	SX68	GX68
	14 DI	2.5	81	8140.47R	4	12	3/94>	TF180	/
	14 DI	2.5	85	8140.47.220	4	12	3/94>	TF180	/
	14 TD	1.9	60	280 A 1.000, 230 A 3.000	4	12	2/87>3/98	SX74	GX74
	14 TD	2.5	68	8144.21.220	4	12	1/86>2/94	SX74	GX74
	14 TDI	2.5	68	8144.21.220	4	12	1/86>6/90	TF170	/
	14 D, 14 D 4x4	2.5	55	8144.67.220	4	12	1/86>2/94	SX74	GX74
	14 TD 4X4	2.5	68	8144.21.220	4	12	1/89>2/94	SX74	GX74
	14 TDi 4X4	2.5	68	8144.21.220	4	12	1/89>6/90	TF180	/
	18 MAXI TD	2.5	68	8144.21.220	4	12	1/86>2/94	SX74	GX74
	18 MAXI TDI	2.5	68	8144.21.220	4	12	1/86>6/97	TF180	/
	18 MAXI Tdi	2.8	90	8140.43	6	12	6/97>	TF180	/
	18 2,8 D	2,8	64	8140.63	6	12	6/98>	SX79	GX79
	1.9 D	1.9	50	D9B, DJY	4	12	04/98>04/02	SX89	GX89
	2,0 JTD	2	62	DW10	4	12	04/02>	SX107	GX107
	2,3 JTD	2,3	81	F1AE 0481C	4	12	04/02>	/	GX4153
	2,8 D	2,8	64	8140.63	4	12	05/98>04/02	SX79	GX79
	2,8 JTD	2,8	94	8140.43S	4	12	11/00>	SX79	GX79
OM TRUCKS 100, 120				24V		24		TA40B	/
TRACTORS						12		TA10B	/
						12		TA20B	/
				215		24		AN201	/
				215		12		AN101	/
				241		12		AN101	/
				241		24		AN201	/
				241 D		12		AN107	/
				241 D		24		AN207	/
				411		24		AN207	/
				411		12		AN107	/
				415		12		AN107	/
				415		24		AN207	/

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
FIAT									
TRACTORS				615 2^ - 3^ SERIE		24		AN207	/
				615 2^ - 3^ SERIE		12		AN107	/
				615 M1 - SERIE DIAMANTE		12		AN107	/
				615 M1 - SERIE DIAMANTE		24		AN207	/
				615 N		24		AN207	/
				615 N		12		AN101	/
				615 N		12		AN107	/
				641		24		AN201	/
				1400 B		24		AN201	/
				1400 B		12		AN101	/
TRACTORS TL5, TL 5H				12V		12		TA20B	/
TRUCKS-BUS						24		TA30B	/
FISSORE									
MAGNUM	4X4	2.4	77		6	12	7/84>4/86	SR74	GX74
RAYTON	TD 4X4	2.4	82	HR492HIM	6	12	3/88 >	SX78	GX78
FORD									
COURIER	1,8 D	1,8	66	RTC, RTD, RTG	4	12	09/91>2/96	SX66	GX66
	1,8 D	1,8	66	RTJ, RTK	4	12	2/96>7/98	SX61	GX61
	1,8 TDCi	1,8	66	C9DA	4	12	8/98>	/	GX96
ECONOVAN	2.0 D	2.0	41	RF, R2	4	12	9/85 >	JA136MA	GJ130MA
ESCORT	Turnier TD	1.8	66	RFD,RFK	4	12	8/90>7/00	SR67	GX66
	Turnier TD	1.8	66	RFS	4	12	1/95>2/99	SX61	GX61
	1.6 D	1.6	40	D16	4	12	1/86>1/89	SR68	GX68
	1.6 D,VAN35,VAN55	1.6	40	LTA / LTC	4	12	4/84>	SR68	GX68
	1.8 D, Express, Turnier	1.8	44	RTF,RTH,RTA,RTB,RTE	4	12	1/86>	SR67	GX66
	1,8 TD	1.8	51	RVA	4	12	8/90 .> 7/98	SX61	GX61
FIESTA	V 1,4 TDCi	1,4	50	F6JA/F6JB	4	12	11/01>	/	GX4118
	V 1,6 TDCi	1,6	66	HHJA, HHJB	4	12	11/04>	/	GX4118
	1.6 D	1.6	40	LTB	4	12	4/84>2/89	SR68	GX68
	1.8 D, Courier	1.8	44	RTK,RTJ	4	12	11/95 >	SX61	GX61
	1.8 D, Courier	1.8	44	RTC,RTD,RTG	4	12	3/89 >	SR67	GX66
	1,8 DI	1,8	66	C9DC	4	12	8/98>	/	GX96
	1,8 TD	1,8	55		4	12	03/00>	/	GX96
FOCUS	C-MAX 1,6 TDCi	1,6	66		4	12	02/05>	/	GX4118
	C-MAX 1,6 TDCi	1,6	80		4	12	10/03>	/	GX4118
	C-MAX 1,8 TDCi	1,8	85	KKDA	4	12	01/05>	/	GX96
	C-MAX 1,8 TDDi	1,8	66	C9DA,C9DB,C9DC	4	12	10/98>11/04	/	GX96
	C-MAX 2,0 TDCi	2,0	100	G6DA, G6DB	4	12	10/03>	/	GX117
	II 1,6 TDCi TURNIER	1,6	66	HHDA, HHDB	4	12	11/04>	/	GX4118
	II 1,6 TDCi, TURNIER	1,6	80	G8DA, G8DB	4	12	11/04>	/	GX4118
	II 2,0 TDCi, TURNIER	2,0	100	G6DA, G6DB	4	12	11/04>	/	GX117
	1.8 DI	1.8	55	BHDA,BHDB	4	12	8/98>	/	GX96
	1.8 DI	1.8	66	C9DA,C9DB,C9DC	4	12	8/98>	/	GX96

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
FORD									
FUSION	1,4 TDCi	1,4	50	F6JA	4	12	08/02>	/	GX4118
	1,6 TDCi	1,6	66	HHJA, HHJB	4	12	11/04>	/	GX4118
GALAXY	1.9 Tdi	1.9	66	1Z, AHU, ANU	4	12	09/01>	SX93	GX93
	1.9 Tdi	1.9	66	COOLING WATER HEATER	3	12	02/96>	SX76	GX76
	1.9 Tdi	1.9	81	AFN	4	12	09/01>	SX93	GX93
	1.9 Tdi	1.9	81	COOLING WATER HEATER	3	12	95>	SX76	GX76
	1.9 Tdi	1.9	85	AUY	4	12	4/00 >	SX93	GX93
	1.9 Tdi	1.9	85	COOLING WATER HEATER	3	12	4/00 >	SX76	GX76
	1.9D	1.9	40	GD 19	4	12	8/77>2/79	AN820KH	/
GRANADA	1.9D	1.9	40	GD 19	4	12	2/79>8/82	N76	GX74
	2.1 D	2.1	44	WTA/GD	4	12	2/79>8/82	N76	GX74
	2.1 D	2.1	44	WTA/GD	4	12	8/77>2/79	AN820KH	/
	2,5 D,Turnier	2.5	51	STP / PD	4	12	9/82>8/85	SR74	GX74
	2,7 D	2.7	74	TD27 / TD27T	4	12	93>	JA260NI	GJ260NI
MAVERICK	2,7 TI-TD	2,7	92	TD27E	4	12	9/96>04/98	/	GJ263NI
	1.8 TD	1.8	65	RFM,RFN	4	12	1/93>7/96	SX66	GX66
MONDEO	1.8 TD	1.8	66	RFN	4	12	8/96>9/99	SX61	GX61
	1.8 TD Di	1.8	66	D5BA	4	12	10/99 >	/	GX148
	2.0 Di	2.0	66	D5BA	4	12	10/00 >	/	GX148
	2.0 TDCi	2.0	85	D5BA / D6BA	4	12	10/00 >	/	GX148
	2.2 TDCi	2.2	114	QJBA, QJBB	4	12	09/04>	/	GX148
	3.1 TD	3.1	84	ISUZU 4JG2 TC OHV	4	12	8/91>4/93	JA26IS	GJ26IS
ORION	1.6 D	1.6	40	LTA / LTC	4	12	4/84>1/89	SR68	GX68
	1.8 D	1.8	44	EURO1(RTA,RTB) (RTE,RTF) (RTH)	4	12	1/89>12/83	SR67	GX66
	1.8 TD	1.8	66	EURO1 (RFD,RFK)	4	12	3/93>12/93	SR67	GX66
RANGER	2,5 D	2,5	57	WL	4	12	10/99>04/02	/	GJ1302MA
	2,5 D 4X4	2,5	57	WL	4	12	10/99>04/02	/	GJ1302MA
	2,5 TD 4X4	2,5	80	WL-T	4	12	10/99>	/	GJ1302MA
SAPPHIRE	1.8 TD	1.8			4	12		SR67	GX66
	2.3 TD	2.3		XD2	4	12		SR74	GX74
SCORPIO	2.5 D	2.5	51	STR	4	12	12/85>2/92	SX74	GX74
	2.5 TD	2.5	68	SFA,SFB	4	12	5/85>10/94	SX74	GX74
	2.5 TD	2.5	85	SCB	4	12	5/85>10/94	SX74	GX74
	2.5 TD	2.5	92	SCD	4	12	10/94 > 6/98	SX97	GX97
	2,5 TD, Turnier	2.5	85	SCC	4	12	1/95>	SX97	GX97
SIERRA	1.8 D, TD	1.8	55	RFA,RFB,RFL	4	12	1/87>12/92	SR67	GX66
	2.3 D,Turnier	2.3	49	YTR,YTT/PD	4	12	6/82>12/92	SR74	GX74
TOURNEO	2,5 Di, 2,5 TD	2,5	51-74	4FA,FB,FC D25N,4HA,HB	4	12	7/94>	TA8B	/
	1,8 Turbo D	1,8	66	D25P,4GA,GB,GC,4EB	4	12	09/02>	/	GX96
TRANSIT	D FT100,120,130, 160, 190	2.4	46	MOT. YORK	4	12	07/79>	N68	GX68
	D FT100,120,130, 160, 190	2,5	50-60	MOT. YORK DIRECT INJ.	4	12	8/83>	TA8B	/
	DIESEL			MOT. PERKINS	4	12	01/71>06/79	N76	GX74
	2.0 Di	2.0	55	D3FA	4	12	3/99 >	/	GX148
	2.0 Di	2.0	74	ABFA	4	12	3/99 >	/	GX148
	2.4 Di	2.4	66	D2FA	4	12	01/00 >	/	GX148
	2,4 Di	2.4	55	F4FA	4	12	01/00 >	/	GX148

APPLICATION LIST

F-G

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
FORD									
TRANSIT	2.4 Di	2.4	88	D4FA	4	12	01/00 >	/	GX148
	2.5 Di	2,5	50	4AB	4	12	1/86 > 7/91	TA8B	/
	2.5 DI	2,5	59	4DA	4	12	8/91 > 7/94	TA8B	/
	2.5 Di	2,5	63	4GA	4	12	8/91 > 7/94	TA8B	/
	2.5 Di	2.5	52	4CA, 4FA, 4BA, 4BB, 4BC, 4CA, 4CB, 4CC	4	12	1/86 >	TA8B	/
	2.5 TD	2,5	74	4EA	4	12	8/91 > 7/94	TA8B	/
	2.5 TD	2,5	60	4AE Di	4	12	1/86 > 7/91	TA8B	/
TRANSIT CONNECT	1,8 Di	1,8	55		4	12	09/02>	/	GX96
	1,8 TDCi	1,8	66		4	12	09/02>	/	GX96
TRACTORS						12		TA10B	/
ENGINE		6.9		6.9L 8 CYL.			83>12/86	US565CH	
		6.9		6.9L 8 CYL.			87>	US575CH	
		7.3		7.3L 8 CYL.			88>93	US575CH	
FREIGHTROVER									
1,5 D Van	1,5 D Van	1,5			4	12	1/83>3/89	E200PE	/
2,0 D	2,0 D	2	46	PERKINS - PRIMA 65	4	12	5/86>3/89	SR74	GX74
2,5 DI Van	2,5 DI Van	2,5			4	12	1/87>3/89	SR74	GX74
FSO/FSK (PL)									
D	D	1.6	37	VW	4	12	1/86>	SR58	GX59
CARO	CARO	1.9	51	XUD 9L,XUD 9A	4	12	10/92>	SR74	GX74
FUCHS									
400			29	KHD-F3L912			01/69>12/78	TF140	/
500			35	KHD-F4L912			01/69>12/79	TF140	/
701 M			29	KHD-F3L912			01/69>12/78	TF140	/
702 M.R			37	KHD-F3L912			01/69>12/78	TF140	/
703 M.R			49	KHD-F4L912			01/69>12/79	TF140	/
GENERAL MOTORS									
ENGINE				381M, 466F, 466M, 220F, 200G		24		TA30B	/
GMC									
C	15					12	83>	US550CH	GUS555CH
	25					12	83>	US550CH	GUS555CH
	35					12	83>	US550CH	GUS555CH
CABALLERO	N 5.7 V8	5.7		350 cu.in.	8	12	82>83	US565CH	GUS565CH
	V 4.3 V6	4.3		260 cu.in.	6	12		US565CH	GUS565CH
						12	82>	US565CH	GUS565CH

APPLICATION LIST

G-H

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
GMC									
ENGINE	5.7	5.7		350 CID (N,Z)	8	12	80>82	US565CH	GUS565CH
	5.7	5.7		5.7L (N) 8 CYL.	8	12	83	US565CH	GUS565CH
	5.7	5.7		5.7L (N,Z) 8 CYL.	8	12	80>81	US565CH	GUS565CH
	5.7	5.7		5.7L (Z) 8 CYL.	8	12	78>79	US566CH	GUS566CH
	5.7	5.7		5.7L (N) 8 CYL.	8	12	84	US567CH	GUS567CH
	6.2	6.2		6.2L (C,J) 8 CYL.	8	12	82>93	US550CH	GUS555CH
	6.5	6.5		6.5L (F) 8 CYL.	8	12	92>93	US550CH	GUS555CH
JIMMY	i Diesel V8	6.2		C,J	8	12	82>91	US550CH	GUS555CH
						12	83>	US550CH	GUS555CH
K	15					12	83>	US550CH	GUS555CH
	25					12	83>	US550CH	GUS555CH
	35					12	83>	US550CH	GUS555CH
P	25					12	83>	US550CH	GUS555CH
	35					12	83>	US550CH	GUS555CH
GOLDONI									
42 B			25			12	06/91>	AN1186FD	/
236				SLANZI DVA 1550		12	01/78>12/84	AN1186FD	/
240				SLANZI DVA 1750		12	06/79>10/88	AN1186FD	/
245			28			12	01/89>	AN1186FD	/
336			27			12	06/74>11/90	AN1186FD	/
518			10			12	01/88>	AN1186FD	/
834				SLANZI DVA 1550		12	01/77>12/84	AN1186FD	/
900 RS			18			12	04/90>	AN1186FD	/
926, RS DT				SLANZI 1030		12	01/78>	AN1186FD	/
938			15			12	09/88>04/90	AN1186FD	/
945 RS/DT			28			12	04/90>	AN1186FD	/
1040				SLANZI 1750		12	06/79>12/88	AN1186FD	/
3445			28			12	10/88>	AN1186FD	/
TRANSCAR 25 RS			16			12	11/90>	AN1186FD	/
TRANSCAR 30 RS			20			12	11/90>	AN1186FD	/
TRANSCAR 35			19			12	03/91>	AN1186FD	/
UNIVERSAL 224			18			12	08/70>12/79	AN1186FD	/
HANOMAG									
C	44C		85	D943B			02/80>	TF150	/
	55C		108	D962B			02/80>	TF150	/
	66C		157	D963A 1 TURBO			02/80>	TF150	/
D	600 D		108	D962K			02/80>	TF150	/
	700 D		150	D963A 1 TURBO			04/80>	TF150	/
F	20,25,30,35	1.8	50	D301 E2	4	12		AN900HA	/
L	44 C		85	D943B			02/80>	TF150	/
	44 C		92	D943A 1 TURBO			08/82>	TF150	/

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
HANOMAG									
L	55 C		108	D962B			02/80>	TF150	/
	55 C		118	D963B			01/81>	TF150	/
	600 C		108	D962K			02/80>08/81	TF150	/
	600 D		108	D962K			02/80>	TF150	/
	66 C		157	D963A 1 TURBO			02/80>	TF150	/
	77 C		193	D963A 2 TURBO			02/80>	TF150	/
MARKANT 9 LO				D 351 MLA				AN900HA	/
PERFEKT	300, 301			D 301 R2			5/67>8/69	AN900HA	/
	400, 401			D 301 R1			5/67>8/69	AN900HA	/
	400E			D 301 R4			5/67>8/69	AN900HA	/
HATZ (D)									
2L 30S, Z, C, 2L 40 S,Z,C	12V				2	12		AN1186FD	/
2 M 40	24V				2	12		AN1186FD	/
3L 30S, Z, C, 3L 40 S,Z,C	12V				3	12		AN1186FD	/
3 M 40	24V				3	12		AN1186FD	/
4L 30 S, Z, C, K, 4L	12V				4	12		AN1186FD	/
HINDUSTAN MOTORS									
AMBASSADOR	1.5	1.5	40				1/78>	JA503HN	/
CONTESSA	1,5	1,5	40				1/84>	JA503HN	/
PORTER	1.5	1.5					1/80>	JA503HN	/
TREKKER	1.5	1.5					1/77>	JA503HN	/
HINO									
RANGER	3B	3.4	70	3B(K-HV48)	4	24	79>82	/	GJ118TO
	3B	3.4	70	3B(N-HV40/42/47/48)	4	24	83>	/	GJ118TO
	B	3.0	60	B(HV10/11,K-HV10/11/12/17)	4	24	78>82	/	GJ118TO
	B	3.0	60	B(N-HV10/11/12/13/15/99)	4	24	83> 7/88	/	GJ118TO
	DG	2.5	45	DG(HV23/25,K-HV23/25)	4	12	78> 9/80	JA110TO	GJ121TO
HOLDER GMBH (D)									
A 10						12		AN1186FD	/
A 30				VK2		12		AN1186FD	/
A 40				6001-2		12		AN1186FD	/
A 45,A 55, A 55F				VD3		12		AN1186FD	/
A 50				60001-3		12		AN1186FD	/
A 60 TURBO, A 60 F TURBO				6001-4		12		AN1186FD	/
A 60, A 60 F				601-3		12		AN1186FD	/
A 60, A 60 F				60001-3		12		AN1186FD	/
B 10 (D500)						12		AN1186FD	/

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
HOLDER GMBH (D)									
C 40				6001-2		12		AN1186FD	/
C 50,C 60,C 500				6001-14		12		AN1186FD	/
ED 10						12		AN1186FD	/
ED II						12		AN1186FD	/
P 60				VK2		12		AN1186FD	/
HONDA									
ACCORD	2.0TDi	2.0	77	20TN2	4	12	5/95>	SX84	GX84
	VIII 2,2 i-CTDi	2,2	103	N22A1	4	12	01/04>	O	O
CIVIC	1.4 I (EJ9)	1,4	66	D14A4	4	12	11/95>02/01	/	GJ263NI
	1,7 DI, DTI	1,7	55/75	4EE2	4	12	02>	/	GX145
	2.0 D	2.0	63	20T2R	4	12	10/97 >	SX84	GX84
	2.0 TDI	2.0	77	20TN2	4	12	1/98 >02/01	SX84	GX84
CONCERTO	TD	1.8	64	XUD 7 TE	4	12	10/94>2/95	SX74	GX74
P100 PICK-UP	TD	1.8		D18T	4	12	5/89>1/94	SX66	GX66
HUERLIMANN									
H 360				H-1103/5		12	01/80>	AN1186FD	/
HUMMER									
HUMMER	6,5 D	6,5	125	GM	8	12		US567CH	GUS565CH
	6,5 TD	6,5	143	GM	8	12		US567CH	GUS567CH
HYUNDAI									
ACCENT	1,5 CRD-i	1,5	60	D3-EA	3	12	04/02>	/	GX102
	2,0 CR DI	2	83	4DEA	4	12	04/01>	/	GX102
ELANTRA	2,0 CR DI	2,0	83	4DEA	4	12	04/01>	/	GX102
GALLOPER	2.5 TD	2.5	78-106	4D56	4	12	01/99>	JA53MI	GJ53MI
	2,5 Tci	2,5	77		4		08/98>	JA53MI	GJ53MI
	2,7 D	2,7	76		4	12	1/99>	JA53MI	GJ53MI
GETZ	1,5 CRD-i	1,5	60	D3-EA	3	12	03/03>	/	GX102
H-1	2,5 CRD-i	2,5	103		4	12	08/03>	/	GX2152
	2,5 D	2.5	54	4D56 NA	4	12	2/93 >	JA55MI	GJ55MI
	2,5 D	2.5	57	D4BX	4	12	9/94 >	JA55MI	GJ55MI
	2,5 D	2.5	59	T1NA	4	12	7/94 >	JA55MI	GJ55MI
H-100	2,5 D	2.5	55	D4BA-D4BX	4	12	07/93>12/94	JA55MI	GJ55MI
	2,5 D	2.5	57	D4BB	4	12	12/94>03/00	JA55MI	GJ55MI
MATRIX	1,5 CRD-i	1,5	60	D3EA	3	12	10/01>	/	GX102
SATELLITE	2.5 TD	2.5	59	D4BF	4	12	10/97>	JA55MI	GJ55MI
SANTA FE	2,0 CR DI	2	85	4DEA	4	12	08/01>	/	GX102
	2,0 CR DI 4x4	2	83	4DEA	4	12	04/01>	/	GX102
STAREX	2,5 TD	2,5	59		4	12	06/97>	JA86NI	GJ55MI

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
HYUNDAI									
TERRACAN	2,5 TD	2,5	74		4	12	12/01>	JA53MI	GJ53MI
	2,9 CRDi	2,9	110		4	12	12/01>	JA53MI	GJ53MI
TRAJET	2,0 CR DI	2	83	4DEA	4	12	08/04>	/	GX102
TUCSON	2,0 CR DI	2	83	4DEA	4	12	04/01>	/	GX102
I.M.R									
TRACTORS						12	68>	TA120E	/
I.M.T									
TRACTORS						12	68>	TA120E	/
						12	68>	TA120E	/
IH									
3944, 3945 YUMBO			45	KHD-F4L912			01/73>12/86	TF140	/
3960, 3961 YUMBO			77	KHD-F6L912			07/73>12/86	TF140	/
INNOCENTI									
3-CYLINDER	D			CL-001	3	12		JA116TO	GJ121TO
ELBA	1.7 D	1.7	42	146 B 2.000	4	12	08/91>12/96	SR74	GX74
MINI	990D	1.0	27	DAIHATSU CL10		12		JA116TO	GJ121TO
INTERNATIONAL									
125	B, B2			D239			70>81	TA110B	/
	C			D239			70	TA110B	/
2400				D179			71>77	TA110B	/
2500				D239			71>77	TA110B	/
3400				D179			71>75	TA110B	/
3500 LOADER/3500GD				D239			73>	TA110B	/
454	GD			D179			70>	TA110B	/
454/2454/3400-A				D179			70>	TA110B	/
474				D206			73>74	TA110B	/
544	HS			D239			70>77	TA110B	/
574				D239			70>77	TA110B	/
ENGINE		6.9			8	12	83>86	US565CH	GUS565CH
		6.9			8	12	87>	US575CH	GUS575CH
		7.3			8	12	88>93	US575CH	GUS575CH

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
ISEKI									
MITS.-KYOTO IND. ENG.				12,13,14				JA33MI	GJ31MI
				K2A(S),2B,2C				JA33MI	GJ31MI
				K3,K4				JA31MI	GJ31MI
				K3A,3B,3C,3D,3E,3F,3H,3M				JA33MI	GJ31MI
				K4A,4B,4C,4D,4E,4F				JA33MI	GJ31MI
				KE55,80,85,95,130				JA31MI	GJ31MI
				KE 70,70L,75,75L				JA31MI	GJ31MI
				KE 130,135				JA35MI	/
ISUZU									
117 COUPE				C223(K-PAD30)	4	12	12/79>5/81	JA16IS	GJ28IS
ASKA	4FC1			4FC1(N-JJ510)	4	12		JA16IS	GJ28IS
BIG HORN	C223			C223(N-UBS52)	4	12	9/81>7/90	JA16IS	GJ28IS
	C223 TURBO			C223(N-UBS52)	4	12	9/81>7/87	JA16IS	GJ28IS
	4JB1 TURBO			4JB1T(Q-UBS55,S-UBS55FM/CK)	4	12	8/90>7/92	JA24IS	GJ24IS
BUS	D500			BY30	6	24	70>71	/	GJ12IS
CAMPO	2,2 D	2,2	39	C223	4	12	01/83>12/90	JA28IS	GJ28IS
ELF 150	C190			C190(KAD40/41/50/51)	4	12	70>9/77	JA8IS	GJ28IS
	C190			C190(KAD41/51,K-KAD41/51)	4	12	10/77>10/79	JA14IS	GJ28IS
	C190			C190(K-KAD41/52,N-KAD41.51)	4	12	11/79>6/84	JA16IS	GJ28IS
	C240			C240(KAD42/52,N/K-KAD42/52)	4	12	11/79>6/84	JA18IS	GJ28IS
	C240			C240(KAD42/52,N/K-KAD42/52)	4	12	11/79>6/84	JA16IS	GJ28IS
	C240			C240(KAD42/52,K-KAD42/52)	4	12	78>10/79	JA14IS	GJ28IS
	C240			C240(KAD42/52,K-KAD42/52)	4	24	78>10/79	/	GJ10IS
	4JA1,4JB1,4JB1T.			4JA1,4JB1,4JB1 T.(P/S-NHR5...)	4	12	7/84>	JA24IS	GJ24IS
ELF 250	C240			C240(K-TLD23/43/53,N-TLD23)	4	12	2/80>6/84	JA16IS	GJ28IS
	C240			C240(TLD13/23/33/43/53/63)	4	12	70>9/77	JA8IS	GJ28IS
	C240			C240(K-TLD23/43/53,N-TLD23)	4	24	2/80>6/84	JA18IS	GJ28IS
	C240			C240(TLD23,K-TLD63)	4	12	10/77>1/80	JA14IS	GJ28IS
	C240			C240(TLD13/23/33/43/53/63)	4	24	70>9/77	/	GJ10IS
	C240			C240(TLD23,K-TLD63)	4	24	10/77>1/80	/	GJ10IS
	4BA1			4BA1(K-KT24,K-TLD...,N-TLD...)	4	24	2/80>6/84	JA20IS	GJ28IS
	4BA1			4BA1(TLD24/34/44/54/64)	4	24	72>9/78	/	GJ10IS
	4BC1			4BC1(K-KT15/25/35,K-TLD...)	4	24	10/79>6/81	JA20IS	GJ28IS
	4BC2			4BC2	4	24	7/81>6/84	/	GJ12IS
	4BJ1-2			4BJ1-2(P-WKR55)	4	24	3/85>	JA24IS	GJ24IS
	4JA1,4JB1			4JA1,4JB1	4	24	7/84>	JA24IS	GJ24IS
ELF 350	C330			C330(KS10.20)	4	24	70>72	/	GJ10IS
	4BB1			4BB1(KS11/21/31/41)	4	24	73>79	/	GJ12IS
	4BD1			4BD1(K-KS/N-KS/P-KS 22/32)	4	24	80>6/84	/	GJ12IS
ELF MYPACK	C240			C240(KUD20)	4	12	72>79	JA8IS	GJ28IS
FARGO	4FB1			4FB1(K-WFR50)	4	12	1/81>6/82	JA16IS	GJ28IS
	4FC1			4FC1(K-WFR51,N-WFR51)	4	12	1/81>6/82	JA16IS	GJ28IS
FASTER	C190			C190(KBD20/25/40)	4	12	78>9/79	JA8IS	GJ28IS
	C190			C190(K/N-KBD / KBD 21/26/41)	4	12	10/79>	JA16IS	GJ28IS
	C223			C223(N-KBD22/42/47)	4	12	8/87>	JA28IS	GJ28IS

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
ISUZU									
FASTER	C223			C223(N-KBD22/27/42/47)	4	12	4/83>7/87	JA16IS	GJ28IS
	4JB1 TURBO			4JB1T(S-TFR55F/H,S-TFS55F/S/HD)	4	12	1/90>	JA24IS	GJ24IS
FF GEMINI	4EC1	1,5	37	4EC1(Q-JT600)	4	12	12/88>	JA28IS	GJ28IS
	4EC1 TURBO	1,5	49	4EC1T(N-JT600)	4	12	10/85>12/88	JA22IS	GJ26IS
	4EC1 TURBO	1,5	49	4EC1T(Q-JT600)	4	12	12/88>	JA26IS	GJ26IS
	4FB1			4FB1(K-PFD60)	4	12	10/79>9/81	JA16IS	GJ28IS
	4FB1 TURBO			4FB1T(K-PFD60)	4	12	10/79>9/81	JA16IS	GJ28IS
FLORIAN	C190			C190(PAD30,K-PAD30/30V)	4	12	10/77>2/80	JA14IS	GJ28IS
	C190			C190(K-PAD30/30V)	4	12	3/80>3/83	JA16IS	GJ28IS
FOWARD	D500			TR20 ,30 ,35 ,40 ,50 ,60 ,70 , 85	6	24	70>72	/	GJ12IS
JOURNEY	D500			BK30	6	24	70>72	/	GJ12IS
GEMINI	4EC1	1,5	37	4EC1(Q-JT600)	4	12	12/88>	JA28IS	GJ28IS
	4EC1 TURBO	1,5	49	4EC1T(N-JT600)	4	12	10/85>12/88	JA22IS	GJ26IS
	4EC1 TURBO	1,5	49	4EC1T(Q-JT600)	4	12	12/88>	JA26IS	GJ26IS
	4FB1			4FB1(K-PFD60)	4	12	10/79>9/81	JA16IS	GJ28IS
	4FB1 TURBO			4FB1T(K-PFD60)	4	12	10/79>9/81	JA16IS	GJ28IS
HIPACK	C223			C223(N-UFR52G)	4	12	8/87>	JA28IS	GJ28IS
	C223			C223(N-UFR52G)	4	12	1/83>7/87	JA16IS	GJ28IS
	C223 TURBO			C223T(N-UFR52G)	4	12	1/83>7/87	JA16IS	GJ28IS
I-MARK	4FB1			4FB1	4	12	81>82	JA16IS	GJ28IS
KB PICK-UP	C190			C190	4	12	10/79>	JA16IS	GJ28IS
	C223			C223	4	12	10/79>	JA16IS	GJ28IS
MIDI	2,0 TD	2	51	4FC1T	4	12	01/89>	JA22IS	GJ26IS
	2,2 D	2,2	45	4FD1	4	12	01/89>	JA22IS	GJ26IS
	2,4 D	2,4	56	4FG1T	4	12	01/94>	JA22IS	GJ26IS
MU	4JB1 TURBO			4JB1T(Q-UCS55)	4	12	8/90>	JA24IS	GJ24IS
NQR	70 N-SERIE	4,8	107	4HE1-TC	4	24	09/98>	/	GJ12IS
NPR	69			3100 ASPIRATO	4	12		JA26IS	GJ26IS
	TD	2,8		4JB1	4	12		JA24IS	GJ24IS
RODEO	C190			C190 (K/N-KBD / KBD 21/26/41)	4	12	10/79>	JA16IS	GJ28IS
	C190			C190 (KBD20/25/40)	4	12	78>9/79	JA8IS	GJ28IS
	C223			C223 (N-KBD22/42/47)	4	12	8/87>	JA28IS	GJ28IS
	C223			C223 (N-KBD22/27/42/47)	4	12	4/83>7/87	JA16IS	GJ28IS
	4JB1 TURBO			4JB1T(S-TFR55F/H,S-TFS55F/S/HD)	4	12	1/90>	JA24IS	GJ24IS
TROOPER	C223	2.3	39/53	C223(N-UBS52)	4	12	8/87>7/90	JA28IS	GJ28IS
	C223	2.3	39/53	C223(N-UBS52)	4	12	9/81>7/87	JA16IS	GJ28IS
	C223 TURBO	2.3	53/72	C223T(N-UBS52)	4	12	9/81>7/87	JA16IS	GJ28IS
	4JB1 TURBO	2.8	71/97	4JB1T(Q-UBS55...,S-UBS55FM/CK)	4	12	8/90>7/92	JA24IS	GJ24IS
	3,0 DTI	3.0	118	4JX1	4	12	04/00>	/	GJ1143IS
VAN	C223			C223(N-UFR52G)	4	12	8/87>	JA28IS	GJ28IS
	C223			C223(N-UFR52G)	4	12	1/83>7/87	JA16IS	GJ28IS
	C223 TURBO			C223T(N-UFR52G)	4	12	1/83>7/87	JA16IS	GJ28IS
IVECO									
75-9A	9A		64	KHD-F4L913			01/83>02/86	TF140	/

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
IVECO									
80	9A		64	KHD-F4L913			01/83>02/86	TF140	/
	13A		96	KHD-F6L913			01/83>02/86	TF140	/
	13A		96-99	BF6L913T Vollkaps.			01/83>	TF140	/
	13A		96-99	KHD-BF6L913T			01/83>	TF140	/
	16A		118-124	KHD-BF6L913			01/83>	TF140	/
90	9A		64	KHD-F4L913			01/83>02/86	TF140	/
	13A		96	KHD-F6L913			01/83>02/86	TF140	/
	13A		96-99	KHD-BF6L913T			01/83>	TF140	/
110	13A		96	KHD-F6L913			01/83>02/86	TF140	/
	13A		96-99	KHD-BF6L913T			01/83>	TF140	/
	16A		118-124	KHD-BF6L913			01/83>	TF140	/
120	13ANW		96	KHD-F6L913			01/83>02/86	TF160	/
	16ANW		118	KHD-BF6L913			01/83>11/89	TF160	/
	17ANW		124	KHD-BF6L913/U			07/89>	TF160	/
130	13A		96	KHD-F6L913			01/83>02/86	TF140	/
	13A		96-99	KHD-BF6L913T			01/83>	TF140	/
150	16AN		118	KHD-BF6L913			01/83>11/89	TF160	/
160	16A		118-124	KHD-BF6L913			01/83>	TF140	/
	17AN		124	KHD-BF6L913/U			07/89>	TF160	/
	AR		124	KHD-BF6L913			01/83>12/84	TF160	/
190	25AH		188	KHD-F8L413F			07/83>06/86	TF150	/
	25AN		188	KHD-F8L413F			07/83>02/86	TF150	/
	32AH		235	KHD-F10L413F			01/83>12/85	TF150	/
260	32AH		235	KHD-F10L413F			01/83>12/85	TF150	/
330	25AH		188	KHD-F8L413F			07/83>02/85	TF150	/
	32ANW		235	KHD-F10L413F			07/83>06/87	TF150	/
	36AH		265	KHD-BF10L413F			07/83>06/85	TF150	/
DAILY	D 30/35/40/48	2.4	53	Sofim 8140.61.200	4	12	4/78>6/89	R74	GX74
	2,8 D	2,8	62	8140.63	6	12	05/99>	SX79	GX79
	2,8 D	2,8	64	8140.63	6	12	6/98>	SX79	GX79
	2,8 TDI	2,8	90	8140.43	6	12	6/97>	TF180	/
GRINTA	D 30/35/40/48	2.4	53	Sofim 8140.61.200	4	12	4/78>6/89	R74	GX74
TRUCKS						12		TA20B	/
						24		TA30B	/

JOHN DEERE-LANZ

2840 TRACTOR				6329DL12	6	12	74>	TA110B	/
3030 TRACTOR				6329DL14	6	12	74>	TA110B	/
3030 TRACTOR				6329DZ01	6	12	74>	TA110B	/
3130 TRACTOR				6329DL13	6	12	74>	TA110B	/
MB955 CKD COMBINE				6359DZ01	6	12	74>	TA110B	/
MB955 COMBINE				6359DZ02	6	12	74>	TA110B	/
MB955/630 COMBINE				6329DZ02	6	12	74>	TA110B	/
				6329DZ03	6	12	74>	TA110B	/
				6329TZ01	6	12	74>	TA110B	/

APPLICATION LIST

J-K

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
JOHN DEERE-LANZ									
MB965/975 COMBINE				6359TZ03	6	12	74>	TA110B	/
MB975 COMBINE				6359TZ01	6	12	74>	TA110B	/
MB985 COMBINE				6359TZ02	6	12	74>	TA110B	/
TRACTORS				2010 C, D	4	12		AN700IH	/
JAGUAR									
S-TYPE	2,7 D (CCX)	2,7	152		6	12	06/04>	/	GX4126
X-TYPE	2,0 D (CF1)	2,0	96		4	12	07/03>	/	GX148
KHD									
2003			44	F4L912H			09/74>05/80	TF140	/
5206			37	F3L912			09/74>06/80	TF140	/
6206			43	F4L912			09/74>06/80	TF140	/
6806			49	F4L912			09/74>06/80	TF140	/
7206			51	F4L912			09/74>06/80	TF140	/
8006			58	F6L912			05/70>02/78	TF140	/
10006			73	F6L912			05/70>02/78	TF140	/
13006			88	BF6L912			05/72>02/78	TF140	/
INTRAC 2002			37	F3L912			01/73>12/76	TF140	/
MAGIRUS	75 D 6 FL			FL 712	6	12		AN820KH	/
	120,126			FL 613	6	12	65>	AN800KH	/
	135			FL 413	6	12		AN810KH	/
	135			FL 413 W	6	12		AN830KH	/
MERCUR	120			FL 613	6	12	65>	AN800KH	/
SIRIUS	90 L			FL 514	2>6	12	1/66>	AN800KH	/
	90 L			FL 614	2>12	12	1/66>	AN800KH	/
	90 L			FL 714	6>12	12	1/66>	AN800KH	/
	90 L			FL/AL 514	3,4,6	12	5/64>	AN840KH	/
	90 L			FM 716	3>12	12	1/66>	AN800KH	/
	90 L			FL 712	6	12		AN820KH	/
	D40,D40S			FL 712	1>6	12	3/60>	AN820KH	/
	D4005, D4505			FL 712	1>6	12	3/60>	AN820KH	/
STATIONARY ENGINE				A-L 714	6>12	12	1/61>12/78	AN800KH	/
				BA-L 714	12	12	1/64>12/78	AN800KH	/
				BF-L 714	12	12	1/64>12/78	AN800KH	/
				SA-L 714	8,12	12	1/64>12/78	AN800KH	/
				SBF-L 714	12	12	1/64>12/78	AN800KH	/
			188	F10L413F		24	07/76>	TF150	/
				F10L413F		24	10/67>12/80	TF150	/
			103-130	F6L413FR		24	12/88>	TF150	/
				F6L413FR		24	06/71>12/80	TF150	/
			174	F8L413F		24	07/76>	TF150	/
			147	F8L413F		24	12/67>12/80	TF150	/

APPLICATION LIST

K

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
KIA									
BESTA	2.2 D	2.2	48-52	HW	4	12	10/92>	JA131MA	GJ131MA
BESTA	2184 D	2,2	48	R2	4	12	02/96>	/	GJ1302MA
CARENS II	2,0 CRDi	2	83	D4EA	4	12	07/02>	/	GX102
CARNIVAL II	2,9 CRDi	2,9	106		4	12	10/01>	O	O
	2,9 CRDi	2,9	136		4	12	06/06>	O	O
FRONTIER	3,0 D	3,0	66	JT-Motor W3, NB9		12	01/98>	JA59NI	GJ59NI
PREGIO	2,7 D	2,7	60		4	12	10/97>	/	GJ1302MA
	3,0 D	3,0	66	JT-Motor W3, NB9		12	01/98>	JA59NI	GJ59NI
RETONA	1998 TD	2	61		4	12	06/99>	/	GJ1302MA
SORENTO	2,5 CRDi (JC)	2,5	103		4	12	08/02>	/	GX2152
SPORTAGE	2,0 CRDi	2,0	83	D4EA	4	12	09/04>	/	GX 102
	2,0 TD	2,0	61	MAZDA RE,RFTCI	4	12	10/97>	/	GJ1302MA
KOMATSU									
BULLDOZER POWER SHOVEL				4D 130, 4D 50	6	24		JA160KO	/
				4D 115	4	24		JA164KO	/
				4D 105	4	24		/	GJ118TO
				4D 92	4	24		/	GJ118TO
FORK LIFT				4D 95S	4	12		JA160KO	/
IHC/PAYLOADER						12		TA50E	/
KUBOTA									
COMBINE				RX 3350 (V1200 N-TC)		12		JA186KU	/
ENGINE				3602 DT (V 1902) 4 cyl	4	12		JA180KU	GJ180KU
				B 1902 DT (DM 1102) 3 cyl	3	12		JA182KU	GJ84NI
				B 5100 (Z 500-14) 2 cyl	2	12		JA182KU	GJ84NI
				B 6100 (D 650 A) 3 cyl	3	12		JA182KU	GJ84NI
				B 7001 (D 750) 3 cyl	3	12		JA182KU	GJ84NI
				B 7100 (D 750) 3 cyl	3	12		JA182KU	GJ84NI
				KH-11H (D 1302) 3 cyl	3	12		JA180KU	GJ180KU
				KH-12FD (D 1402) 3 cyl	3	12		JA180KU	GJ180KU
				KH-20 (VT 1502) 4 cyl	4	12		JA180KU	GJ180KU
				KH-8 (D 850) 3 cyl	3	12		JA182KU	GJ84NI
				L 2002 (D 1302) 3 cyl	3	12		JA182KU	GJ84NI
				L 1802 (D 1102) 3 cyl	3	12		JA182KU	GJ84NI
				L 2202 (D 1402-L) 3 cyl	3	12		JA182KU	GJ84NI
				L 235 (D 1102-A) 3 cyl	3	12		JA180KU	GJ180KU
				L 2402 (D 1402) 3 cyl	3	12		JA182KU	GJ84NI
				L 2601 (V 1502-L) 4 cyl	4	12		JA180KU	GJ180KU
				L 2602 (VT 1502) 4 cyl	4	12		JA182KU	GJ84NI
				L 275 (D 1302-A) 3 cyl	3	12		JA182KU	GJ84NI
				L 2802 (V 1502) 4 cyl	4	12		JA182KU	GJ84NI
				L 305 (D 1302-DA) 3 cyl	3	12		JA180KU	GJ180KU
				L 3202 (V 1502) 4 cyl	4	12		JA182KU	GJ84NI

APPLICATION LIST

K-L

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
KUBOTA									
ENGINE				L 4202 (VT 1502) 4 cyl	4	12		JA180KU	GJ180KU
				L 4202 DT (VT 1502) 4 cyl	4	12		JA182KU	GJ84NI
				M 4950 (S 2800) 6 cyl	6	12		JA182KU	GJ84NI
				NX 1100 (ZB 500) 2 cyl	2	12		JA182KU	GJ84NI
				NX 1300 (ZB 600) 2 cyl	2	12		JA182KU	GJ84NI
				NX 1500 (D 850C) 3 cyl	3	12		JA182KU	GJ84NI
				NX 1800 (D 850) 2 cyl	2	12		JA182KU	GJ84NI
				RC-15 FD (D 750 K1) 3 cyl	3	12		JA182KU	GJ84NI
				RC-20 (ZB 500 C-1K) 2 cyl	2	12		JA182KU	GJ84NI
				RC-20 FD (D 1402) 3 cyl	3	12		JA180KU	GJ180KU
				RC-25 (ZB 600 C-1K) 2 cyl	2	12		JA182KU	GJ84NI
				RC-8 FD (Z 500 K1) 2 cyl	2	12		JA182KU	GJ84NI
LADA									
ALEKO	D	1.8	44	RTE,RTS	4	12	8/90 >	SR67	GX66
NIVA	1.9 4X4	1.9	47	XUD9L	4	12	5/84 >	SR74	GX74
	1,9 D	1,9	47	XUD9A	4	12	01/93>	SR74	GX74
	1,9 D	1,9	55	XUD9SD	4	12	01/99>	SX74	GX74
	1.5 D	1.5	43	TUD 5	4	12	10/95>	SX89	GX89
SAMARA	1.5 D	1.5	40-42	TUD 5	4	12	1/95>	SX89	GX89
LAMBORGHINI									
-5 BOSSO			48	916.4W			10/84>05/86	TF140	/
-80 . DT. N			54	1000.4W			06/86>	TF140	/
1256 DT				Same1056P			06/78>07/81	TF140	/
1256 DT			93	1056P			06/78>07/81	TF140	/
1306 TURBO DT			92	916.6WT			01/84>	TF140	/
1356 DT			99	H1106-12			04/82>12/84	TF140	/
1556			114	H1106-15			04/82>12/84	TF140	/
2 RM			70	916.6W1			01/84>	TF140	/
2 RM			81	916.6W2			01/84>	TF140	/
483 L. N			35	983L			04/83>06/87	TF140	/
653			46	105.3P			03/82>12/85	TF140	/
653 DT			46	105.3P			01/79>12/85	TF140	/
654. DT				Same984P			07/77>12/81	TF140	/
674-5			48	916.4W			10/84>05/86	TF140	/
683 DT-RM			44	105.3P			06/82>12/86	TF140	/
683 L. N			45	105.3P			04/83>06/87	TF140	/
684 DT			49	984P			01/82>12/85	TF140	/
684			51	984P			03/82>12/85	TF140	/
724. F			61	105.4P			02/82>05/87	TF140	/
754			53	105.4P			01/82>12/85	TF140	/
754 DT			53	Same-984P			11/76>01/82	TF140	/
774-5			55	916.4W			06/85>05/86	TF140	/

APPLICATION LIST

L

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
LAMBORGHINI									
784 DT			78	1054P			01/80>12/85	TF140	/
854 DT-2RM			60	105.4P			11/76>12/85	TF140	/
916/3W			44			24	01/84>01/87	TF160	/
			44				01/84>01/87	TF140	/
955 DT-2RM			68	105.5P			06/79>12/85	TF140	/
956 DT			70	916.6W1			01/84>	TF140	/
1056 DT			77	Same-986/3			02/77>01/81	TF140	/
1106 DT			81	916.6W2			01/84>	TF140	/
1156			85	105.6P			06/81>12/84	TF140	/
C	553 LS.N.SL		39	983P			06/76>01/84	TF140	/
DT			48	916.4W			10/84>05/86	TF140	/
R 483			35	983L			05/82>01/86	TF140	/
	653 L.N		46	105.3P			06/76>01/84	TF140	/
LANCIA									
DEDRA	1.9 TD	1.9	66	835 A 4.000	4	12	3/89>9/94	SR74	GX74
	1.9 TD	1.9	59		4	12	6/86>6/91	SR74	GX74
	1.9 Eco LE TD	1.9	68	160 D 1.000	4	12	6/93>	SX75	GX74
	1.9 HPE TD	1.9	66	160 D 1.000	4	12	10/94>	SX75	GX74
	1.9 TD Ds LS, LE	1.9	66	160 D 1.000	4	12	10/94>	SX75	GX74
DELTA	1.9 TD	1.9	59	831 D 1000	4	12	6/86> 6/91	SX74	GX74
	1.9 TD	1.9	66	160 D 1000	4	12	6/86> 6/91	SX74	GX74
LYBRA	1,9 JTD	1,9	81	AR 37101	4	12	9/00>	/	GX103
	1,9 JTD	1,9	81	COOLING WATER HEATER	3	12	9/00>	/	GX80
	1,9 JTD	1,9	77	AR 32202, AR 37101	4	12	10/99>	/	GX103
	1,9 JTD	1,9	77	COOLING WATER HEATER	3	12	10/99>	/	GX80
	2,4 JTD	2,4	98	839 A 5.000	5	12	10/99>9/00	/	GX103
	2,4 JTD	2,4	98	COOLING WATER HEATER	3	12	10/99>9/00	/	GX80
	2,4 JTD	2,4	98-103	839 A 6.000	5	12	9/00>	/	GX103
	2,4 JTD	2,4	98	COOLING WATER HEATER	3	12	9/00>	/	GX80
KAPPA	2.4 TD	2.4	91	838 A 3.000	5	12	11/94>5/98	SX67	GX67
	2.4 JTD	2.4	100	AR 34.202	5	12	7/98>10/99	SX95	GX95
	2.4 JTD	2.4	100	COOLING WATER HEATER	3	12	7/98>10/99	/	GX80
	2.4 JTD	2.4	100	838 A 8.000	5	12	11/99>	/	GX103
	2.4 JTD	2.4	100	COOLING WATER HEATER	3	12	11/99>	/	GX80
MUSA	1,3 MULTIJET	1,3	51	188 A9.000	4		10/04>	/	GX4119
	1,9 MULTIJET	1,9	74	188 B2.000	4	12	10/04>	/	GX 103
PHEDRA	2,0 JTD	2	80	DW10ATED4	4	12	09/02>	SX107	GX107
	2,2 JTD	2,2	94	DW12ATED4	4	12	09/02>	SX107	GX107
PRISMA	1.9 D	1.9	48	831 D...	4	12	6/84>12/89	SR74	GX74
	1.9 TD	1.9	59	831 D...	4	12	5/85>12/89	SR74	GX74
THEMA	2.5 TD	2.5	74-85	8144.91.2200 ,8144.97.2200 ,8144.97	4	12	11/84>	SR72	GX74
THESIS	2,4 JTD	2,4	110	841 C.000	5	12	04/02>	/	GX103
	2,4 JTD	2,4	129	841 G.000	5	12	05/03>	/	GX4151

APPLICATION LIST

L

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
LAMBORGHINI									
ZETA	1.9 TD	1.9	68	XUD 9TE	4	12	4/95>	SX74	GX74
	2.0 JTD	2.0	80	RHZ	4	12	9/99 >09/02	SX107	GX107
	2.1 TD	2.1	80	XUD 11 ATE	4	12	5/96>	SX74	GX74
YPSILON	1,3 JTD	1,3	51	188 A4.000	4	12	10/03>	/	GX4119
LANDINI									
ENGINE				MOT TL 16C, TL 20N, R 4500, R 8000		12		TA50E	/
TL 16N R 7000						12		TA50E	/
LAVERDA									
Gloria Combine				Perkins 6-354		12	01/68>	TA50E	/
M 120, M 120 R				Perkins 6-354		12	01/72>12/75	TA50E	/
LELY									
Dechentreeter Hay Loader				Perkins 4-107 (TA)		12	01/69>	TA50E	/
LEYLAND									
200	2,0D	2		PERKINS PRIMA 65	4	12	3/89>	SX74	GX74
245, 245 S				2,5l Diesel Engine		12	01/73>	TA60B	/
400	2,5D, TD	2.5	71	XD3, XD3T	4	12	1/87>	SX74	GX74
Boxer 14 Ton Truck				Perkins 6-354		12	01/69>12/70	TA50E	/
Boxer BX	1425 Truck			Perkins 6-354		12	01/69>	TA50E	/
	1600 Truck			Perkins 6-354		12		TA50E	/
	1600 Truck			Perkins 6-354		24	01/74>12/77	TA70B	/
	18 TF Truck			Perkins 6-354		12		TA50E	/
Boxer BX	19 TA Truck			Perkins 6-354		12	01/70>	TA50E	/
Boxer BX	20 TF Truck			Perkins 6-354		12	01/70>	TA50E	/
FK Range Tractor Shovel				Perkins 6-354		12	01/69>12/76	TA50E	/
Ford Truck				Perkins 4-107		12	01/69>12/72	TA50E	/
				Perkins 4-108		12	01/74>	TA50E	/
				Perkins 4-203		12	01/69>12/70	TA50E	/
				Perkins 6-354		12	01/69>	TA50E	/
FAIRWAY	2,7TD	2,7		TD27, TD27T	4	12	93>	JA260NI	GJ260NI
GC 4 Road Roller				Perkins 4-236		12	01/69>12/76	TA50E	/
GN Range				Perkins 4-236		12	01/77>	TA50E	/
GN Road Roller				Perkins 4-236		12	01/69>12/76	TA50E	/
GR Road Roller				Perkins 3-152		12	01/69>12/76	TA50E	/
GRY Road Roller				Perkins D3-152		12	01/77>	TA60B	/
GRT Road Roller				Perkins D3-152		12	01/77>	TA60B	/
PR 2 Road Roller				Perkins 4-236		12	01/70>	TA50E	/
PR 15 Road Roller				Perkins 4-236		12	01/77>	TA50E	/

APPLICATION LIST

L-M

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
LEYLAND									
PTR Road Roller				Perkins 4-236		12	01/69>12/76	TA50E	/
READLINE	220, 240, 340 FG, 350					12		E200PE	/
SHERPA	1.5 D VAN	1.5			4	12		E200PE	/
SHERPA, EA RANGE	1.8 D	1.8		9731	4	12	74-<86	E200PE	/
SHERPA	2,0 D	2.0		PERKINS PRIMA 65	4	12	5/86>3/89	SR74	GX74
	2,5 Di VAN	2.5			4	12	1/87>	SR74	GX74
SY 4 Dumper				Perkins 4-236		12	01/72>12/76	TA60B	/
SY 5 Dumper				Perkins 4-236		12	01/72>12/76	TA60B	/
SY 6 Dumper				Perkins 4-236		12	01/72>12/76	TA60B	/
SY 7 Dumper				Perkins 4-236		12	01/72>12/76	TA60B	/
TR 3 Road Roller				Perkins 4-236		12	01/69>12/76	TA50E	/
TR Range				Perkins 4-236		12	01/77>	TA50E	/
TS 200 Tractor Shovel				Perkins 6-354		12	01/77>	TA60B	/
LIEBHERR									
A 901 B	901 B		37	KHD-F3L912		12	01/73>12/78	TF140	/
	911		44	KHD-F4L912		12	04/72>12/78	TF140	/
	921		51	KHD-F4L912		12	04/72>12/78	TF140	/
R 911	911		44	KHD-F4L912		12	04/72>	TF140	/
	921		51	KHD-F4L912		12	04/72>	TF140	/
	961		115	KHD-F6L413V		24	02/73>	TF150	/
	971		154	KHD-F8L413V		24	02/73>	TF150	/
	981		118	KHD-BF6L913		24	04/74>	TF160	/
LINCOLN ELECTRIC									
300 amp. Welding Set				Perkins 4-270 (1)		12	01/70>	TA50E	/
Welding Set				Perkins 4-236		12	01/70>	TA50E	/
				Perkins D3-152		12	01/71>	TA50E	/
LINDER									
B 45 Tractor				Perkins 3-152 (TA)		12	01/69>12/70	TA50E	/
BF 350/450 Tractor				Perkins D3-152		12	01/71>	TA50E	/
BF 550-650 Tractor				Perkins 4-236		12	25934	TA50E	/
TM 500Farm Trans-TH 5000				Perkins 4-107		12	01/69>12/70	TA50E	/
Tractor				Perkins 4-236 (TA)		12	01/71>	TA50E	/
MAGIRUS-DEUTZ									
130	R 81		96	F6L913		24	10/77>12/79	TF160	/
192	M 14, M16 FL, FS		141	F6L413F		24	01/79>12/82	TF150	/
230	SH 110		141-147	F6L413F		24	10/77>04/80	TF150	/
256	M 19 FL, FLL, FS, FSL		188	F8L413F		24	05/78>07/83	TF150	/
	M 22 FLL, FSL		188	F8L413F		24	05/78>07/83	TF150	/

APPLICATION LIST

M

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
MAGIRUS-DEUTZ									
260	L 117 P		188	F8L413F		24	10/77>12/82	TF150	/
	L 117		154	F8L413F		24	02/78>12/82	TF150	/
320	M 19 FL. FLL. FS. FSL		235	F10L413F		24	05/78>07/82	TF150	/
	M 22 FLL, FSL		235	F10L413F		24	05/78>07/82	TF150	/
M90			63	F4L913 24V		24	05/76>10/82	TF160	/
	D 5.2/5.6/6/6.5/7.5 FV		63	F4L913 12V		12	05/76>10/82	TF140	/
	D 5.2/5.6/6/6.5/7.5 FK		63	F4L913 12V		12	05/76>10/82	TF140	/
	D 5.2/5.6/6/6.5/7.5 FL		63	F4L913 12V		12	05/76>10/82	TF140	/
	D 5.2/5.6/6/6.5/7.5 FL		63	F4L913 24V		24	05/76>10/82	TF160	/
	D 5.2/5.6/6/6.5/7.5 FV		63	F4L913 24V		24	05/76>10/82	TF160	/
	M 6/7 FK		63	F4L913 12V		12	05/76>12/82	TF140	/
	M 6/7/8/9 FL		63	F4L913 12V		12	05/76>12/82	TF140	/
M120	R 80		80	F6L912 24V		24	01/75>09/79	TF160	/
M130	D 12/15 K. AK		95	F6L913 24V		24	01/75>12/82	TF160	/
	D 12/15 K. AK		95	F6L913 12V		12	01/75>12/82	TF140	/
	D 14/16 FL		95	F6L913 24V		24	01/75>10/82	TF160	/
	D 14/16 FL		95	F6L913 12V		12	01/75>10/82	TF140	/
	D 16 FLL		95	F6L913 24V		24	01/75>05/76	TF160	/
	D 16 FLL		95	F6L913 12V		12	01/75>05/76	TF140	/
	D9/11 FL		95	F6L913 24V		24	01/75>05/76	TF160	/
	D9/11 FL		95	F6L913 12V		12	01/75>05/76	TF140	/
	M 8/9 FS		95	F6L913 24V		24	09/75>12/82	TF160	/
	M 8/9 FS		95	F6L913 12V		12	09/75>12/82	TF140	/
	M 8/9/11/13 FK		95	F6L913 24V		24	09/75>12/82	TF160	/
	M 8/9/11/13 FK		95	F6L913 12V		12	09/75>12/82	TF140	/
	M 8/9/11/13 FL		95	F6L913 24V		24	09/75>12/82	TF160	/
	M 8/9/11/13 FL		95	F6L913 12V		12	09/75>12/82	TF140	/
M160	D 11 FS		144	BF6L913 12V		12	01/75>05/76	TF140	/
	D 11 FS		144	BF6L913 24V		24	01/75>05/76	TF160	/
	D 11/16 FL		144	BF6L913 12V		12	01/75>10/82	TF140	/
	D 11/16 FL		144	BF6L913 24V		24	01/75>10/82	TF160	/
	D 12/15 K. AK		144	BF6L913 12V		12	01/75>12/82	TF140	/
	D 12/15 K. AK		144	BF6L913 24V		24	01/75>12/82	TF160	/
	D 16 FLL		144	BF6L913 12V		12	01/75>05/76	TF140	/
	D 16 FLL		144	BF6L913 24V		24	01/75>05/76	TF160	/
	M 11/13 FK. FL. FS		144	BF6L913 12V		12	09/75>12/82	TF140	/
	M 11/13 FK. FL. FS		144	BF6L913 24V		24	09/75>12/82	TF160	/
	M 14/16			BF6L913 24V		24	01/75>12/82	TF160	/
M168	M 14/16			BF6L913 24V		24	01/75>12/82	TF160	/
M 170	D 11/14/16 FL		129	F6L413		24	01/75>10/82	TF150	/
	D 12/15/17/21 AK		129	F6L413		24	01/75>10/82	TF150	/
	D 14 FS		129	F6L413		24	01/75>10/82	TF150	/
	D 15 FK. FAK		129	F6L413		24	01/75>10/82	TF150	/
	D 15 K		129	F6L413		24	01/75>10/82	TF150	/
	L/R 100		129	F6L413		24	01/75>09/79	TF150	/
	L/R 120		129	F6L413		24	01/75>09/77	TF150	/
	SH 110		129	F6L413		24	01/75>06/78	TF150	/
	SH 110		169	F8L413		24	01/75>06/78	TF150	/
	TL/TR 100		129	F6L413		24	01/75>09/79	TF150	/

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
MAGIRUS-DEUTZ									
M200	L/R 100		147	F8L413		24	01/75>09/79	TF150	/
	SH 110 U		132	F8L413W		24	01/75>05/78	TF150	/
	TL/TR 100		147	F8L413		24	01/75>09/79	TF150	/
M 230	L/R 120		169	F8L413		24	01/75>09/79	TF150	/
	L117		169	F8L413		24	01/75>04/80	TF150	/
	TL/TR 120		169	F8L413		24	01/75>09/79	TF150	/
M232	D 13/16 FL		170	F8L413		24	01/75>10/82	TF150	/
	D 13/16/19 FS		170	F8L413		24	01/75>10/82	TF150	/
	D 15 FLL		170	F8L413		24	01/75>10/82	TF150	/
	D 15/19/22/26 FK. FAK		170	F8L413		24	01/75>10/82	TF150	/
	D 16/19/22/26 K. AK		170	F8L413		24	01/75>10/82	TF150	/
	D 19 S		170	F8L413		24	01/75>10/82	TF150	/
M256	D 16 FL. FS		188	F8L413F		24	03/77>10/82	TF150	/
	D 16/26 K. AK		188	F8L413F		24	03/77>10/82	TF150	/
	D 22 FLL		188	F8L413F		24	03/77>10/82	TF150	/
M270	D 16 FK. 22/26 FAK		198	F10L413		24	04/76>06/78	TF150	/
	D 16 S		198	F10L413		24	01/75>06/78	TF150	/
	D 16/22 FL		198	F10L413		24	01/75>06/78	TF150	/
	D 16/22 FLL. FS. FSL		198	F10L413		24	01/75>06/78	TF150	/
	D 16/26 K. AK		198	F10L413		24	01/75>06/78	TF150	/
M310	D 16/19 S		224	F10L413		24	01/75>12/81	TF150	/
	D 16/19/22 FL, FS		224	F10L413		24	01/75>10/82	TF150	/
	D 16/19/22/26 FK. FAK		224	F10L413		24	01/75>10/82	TF150	/
	D 16/19/22/26 K. AK		224	F10L413		24	01/75>12/81	TF150	/
	D 16/22 FLL. FSL		224	F10L413		24	01/75>10/82	TF150	/
M340	D 16/22 FL, FLL		329	F12L413		24	01/75>02/77	TF150	/
	D 22/26 FS, FSL		329	F12L413		24	01/75>02/77	TF150	/
MAHINDRA									
C J 3D		2125	29-46	PEUGEOT	4	12	4/86>	SR74	GX74
C J 4D				PEUGEOT	4	12	4/86>	SR74	GX74
CJ 340 Classic D		2.1	48	XD 4.90	4	12	93>	SR74	GX74
CJ 540 D		2.1	48	XD 4.90	4	12	93>	SR74	GX74
CJ 5D		2125	29-46	PEUGEOT	4	12	4/86>	SR74	GX74
MAZDA									
2	1,4 CD (B2W)	1,4	50	F6JA	4	12	04/03>	/	GX4118
121	1.8 D	1.8	44	RTJ	4	12	3/96>	SX61	GX61
121 II	1.3 16V	1,3	53	B3 (16V)	4	12	11/90>03/96	/	GJ1301MA
323	1.3 16V	1,3	54	B3 (16V)	4	12	04/91>07/94		GJ1301MA
	1.3 16V (BA)	1,3	54	B3 (16V)	4	12	10/96>		GJ1301MA
	1.4 (BJ)	1,4	53	B3 (16V)	4	12	01/01>	/	GJ1301MA
	1.6 TD	1.6	60	4EE1-T	4	12	02/95>09/98		GJ1300MA
	1.6 GT Turbo 4WD (BF2)	1,6	110		4	12	08/87>10/89	/	GJ1301MA
	1.6 GT Turbo	1,6	103	B6	4	12	10/85>11/91	/	GJ1301MA

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
MAZDA									
323	1.7 D	1.7	41-43	PN 27, PN 46, PN 62	4	12	4/86>2/96	JA136MA	GJ130MA
	1,7 D WAGON	1.7	44	PN2,PN26,PN54	4	12	1/86>	JA136MA	GJ130MA
	2.0 D	2,0	52		4	12	10/96>09/98	/	GJ1300MA
	2.0 TD (BJ)	2,0	74		4	12	10/01>	/	GJ1301MA
	2.0 TD (BJ)	2,0	66		4	12	09/98>	/	GJ1301MA
	2,0 DITD	2,0	66-74	2,0 DiTD	4	12	09/98>	/	GJ1301MA
6	2.0 DI (GG)	2,0	89	RF5C	4	12	08/02>	/	GJ1301MA
	2,0 DI (GG) HATCHBACK, S.W.	2,0	89	RF5C	4	12	08/02>	/	GJ1301MA
	2,0 DI (GG) HATCHBACK, S.W.	2,0	100	RF5C	4	12	08/02>	/	GJ1301MA
626	2,0	2,0	66-74	2,0 DiTD	4	12	09/98>	/	GJ1301MA
	2,0 TD (GF) Hatchback	2,0	81		4	12	10/00>	/	GJ1301MA
	2,0 DITD Hatchback	2,0	66	RF3F	4	12	04/98>	/	GJ1301MA
	2.0 D	2.0	53	RF46	4	12	11/82>6/87	/	GJ1302MA
	2.0 D	2.0	44	RFB	4	12	7/87>8/89	/	GJ1302MA
	2,0 D WAGON , COMPREX	2,0	55	RF,RF8	4	12	1/88>3/92	/	GJ1302MA
	2.0 D	2,0	46	RF46	4	12	01/83>06/87	/	GJ1302MA
626 II	2.0 D Hatchback	2,0	46	RF46	4	12	03/84>06/87	/	GJ1302MA
	2.0 D	2,0	44	RF-N	4	12	07/87>07/91	/	GJ1302MA
626 III	2.0 D SW	2,0	44	RF-N	4	12	09/88>07/91	/	GJ1302MA
	2.0 D SW Comprex	2,0	55	RF-CX	4	12	05/93>11/96	/	GJ1302MA
	2.0 D GLX Comprex	2,0	55	RF OHC	4	12	01/93>04/97	/	GJ1302MA
929				S2	4	12	9/80>	JA138MA	GJ130MA
B	2,2	2.2		F2, R2	4	12	8/84>	JA138MA	GJ130MA
	2,2	2.2		F2,R2	4	24	8/84>	/	GJ132MA
	2,5 4WD	2,5	57		4	12	9/98>6/99	/	GJ1302MA
	2,5 4WD	2,5	63		4	12	02/96>06/99	/	GJ1302MA
	2,5 4WD	2,5	80	MD25TI	4	12	06/99>	/	GJ1302MA
BONGO VAN	R 2			KF-SK22V, 22T, 22L / KJ-SK22V, 22T / KG-SK22V, 22M, 22L	4	12	6/99>	/	GJ1300MA
BONGO	R2			R2(N-SR2AV/29V,N-SD29T/2AT)	4	12	6/83>	JA136MA	GJ130MA
	RF			RF(N-SRF9W/SSF8V/SEF8T)	4	12	6/83>	JA136MA	GJ130MA
	S2			S2(K-BA2S8/8V,K-BA2S9/9V)	4	12	10/79>12/80	JA130MA	GJ130MA
	S2			S2(K-BA2S8/8V/8H,K-BA2S9/9V,N-BA2S8/9)	4	12	1/81>	JA130MA	GJ130MA
CAPELLA	RF			RF(N-GCFP,Q/N-GDFP)	4	12	9/83>	JA136MA	GJ130MA
COSMO	S2			S2(N-HBPS2)	4	12	10/83>	JA138MA	GJ130MA
DEMIO	S2	1,3	53	B3 (16V)	4	12	08/98>04/00	/	GJ1301MA
E	2.2 D	2.2	52	R2	4	12	02/97>08/02	/	GJ1300MA
	2.2 D 4WD	2.2	52	R2	4	12	02/97>	/	GJ1300MA
	2,2	2.2	46	R2	4	12	1/84>2/88	JA136MA	GJ130MA
	2,2 R2	2.2	46	R207	4	12	1/84>2/88	JA136MA	GJ130MA
FAMILIA	BHA7R, 7P			4EE1-T	4	12	10/94>	JA29IS	GJ29IS
LUCE	S2			S2(K-LA4SS)	4	12	9/80>9/81	JA130MA	GJ130MA
	S2			S2(N-HBPS2)	4	12	10/83>9/86	JA138MA	GJ130MA
J80	RF			RF(N-SSF8VF)	4	12	83>	JA136MA	GJ130MA
MPV	2,5 TD	2,5	85	WL-Turbo	4	12	5/96>	JA130MA	GJ130MA
MPV II	2.0 DI	2,0	100	RF5C	4	12	07/02>	/	GJ1301MA

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
MAZDA									
PARKWAY	2,2			HA(K-WVLSF)	4	24	10/80>	/	GJ132MA
	HA			HA(K-WVLSF)	4	24	10/80>	/	GJ132MA
	HA			HA	4	12	10/80>	JA136MA	GJ130MA
PREMACY	2,0 TD	2,0	66-74	RF3F, RF4F	4	12	10/99>	/	GJ1301MA
T	2,5	2.5	52	XA	6	24	10/80>	/	GJ132MA
	2,5	2.5	52	XA	6	12	10/80>	JA136MA	GJ130MA
	3	3.0	50-66	HA	6	24	10/80>	/	GJ132MA
	3	3.0	50-66	HA	6	12	10/80>12/92	JA136MA	GJ130MA
	4,1	4.1		ZB	6	12	10/80>	JA136MA	GJ130MA
	4,1	4.1		ZB	6	24	10/80>	/	GJ132MA
TERSTAR	R2			R2(N-GCFPF)	4	12	83>	JA136MA	GJ130MA
TITAN	HA			HA	4	24	10/80>	/	GJ132MA
	XA			XA(K-WEW051,N-WE5AT/WG5AT)	4	24	10/80>	/	GJ132MA
	XA			XA(K-WEW051,N-WE5AT/WG5AT)	4	12	10/80>	JA136MA	GJ130MA
	ZB			ZB(K-WE X/Y/Z 011N-WE11D/14L/14T/17T)	6	24	10/80>	/	GJ132MA
	HA			HA	4	24	77>79	/	GJ132MA
SPECTRON	RF			RF(N-SSD8WF)	4	12	83>	JA136MA	GJ130MA

MENGELE

HM, HR 1020			38	KHD-F 3 L 912			04/72>	TF140	/
HM 1024			51	KHD-F 4 L 912			02/77>	TF140	/
HM, HR 1030			51	KHD-F 4 L 912			04/72>	TF140	/

MERCEDES

190	2.0 D MOD.201	2.0	53-55	OM 601.911	4	12	2/89>8/93	SR71	GX70
	2.0 D MOD.201	2.0	53-55	OM 601.911	4	12	9/83>1/89	SR73	GX74
	2.5 D MOD.201	2.5	66-69	OM 602.911	5	12	2/89>5/93	SR71	GX70
	2.5 D MOD.201	2.5	66-69	OM 602.911	5	12	4/85>1/89	SR73	GX74
	2.5 D TURBO MOD.201	2.5	90-93	OM 602.961	5	12	2/89>5/93	SR73	GX74
	2.5 D TURBO MOD.201	2.5	90-93	OM 602.961	5	12	2/88>1/89	SR71	GX70
200	2.0 D MOD. 123	2.0	40-44	OM 615.940	4	12	2/76>7/80	AN1000ME	/
	2.0 D MOD. 123	2.0	40-44	OM 615.940	4	12	8/80>11/85	SR73	GX74
	2.0 D, TD MOD. 124	2.0	53-55	OM 601.912	4	12	12/84>1/89	SR71	GX70
	2.0 D, TD MOD. 124	2.0	53-55	OM 601.912	4	12	2/89>6/93	SR73	GX70
	2.0 D MOD. 115	2.0	40	OM 615.913	4	12	5/69>1/77	AN1000ME	/
206	2.0 D	2.0	40	OM 615	4	12	1/71>2/73	AN1000ME	/
	2.0 DG	2.0	40	OM 615.943	4	12	12/76>7/77	AN1000ME	/
	2.2 DG	2.2	44	OM 615.917/937/939	4	12	3/73>7/77	AN1000ME	/
220	2.2 D MOD. 115	2.2	44	OM 615.912	4	12	5/69>1/77	AN1000ME	/
	2.2 D MOD. 123	2.2	44-49	OM 615.941	4	12	2/76>3/79	AN1000ME	/
	2.2 220 CDI, T 202	2,2	92	OM 611.960Eng.50 055543->	4	12	12/97>02/01	/	GX129
	2.2 220 CDI, T 203	2,2	105				05/00>	/	GX129
240	2.4 D MOD. 115	2.4	48	OM 616.916	4	12	7/73>1/77	AN1000ME	/
	2.4 D, TD MOD. 123	2.4	48	OM 616.912	4	12	2/76>7/80	AN1000ME	/

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
MERCEDES									
240	2.4 D, TD MOD. 123	2.4	48	OM 616.912	4	12	8/80>11/85	SR73	GX74
	2.4 GD MOD. 460	2.4	53	OM 616.936	4	12	3/79>7/80	/	/
	2.4 GD MOD. 460	2.4	53	OM 616.936	4	12	8/80>89	SR73	GX74
	2.5 GD MOD. 460	2.5	62-69	OM 602.930	5	12	9/87>1/89	SR73	GX74
	2.5 GD MOD. 460	2.5	62-69	OM 602.930	5	12	2/89>8/92	SR71	GX70
	3.0 D 3.0 MOD. 115	3.0	59	OM 617.910	5	12	8/74>11/76	AN1000ME	/
250	2.5 D MOD. 124	2.5	66-69	OM 602.912	5	12	2/89>6/93	SR71	GX70
	2.5 D MOD. 124	2.5	66-69	OM 602.912	5	12	4/85>1/89	SR73	GX74
	2.5 D TURBO MOD.124	2.5	93	OM 602.962	5	12	2/89>6/93	SR71	GX70
	2.5 D TURBO MOD.124	2.5	93	OM 602.962	5	12	2/85>6/89	SR73	GX74
290	2.5 GD MOD.463	2.5	69	OM 602.931	5	12	4/92>	SR71	GX70
300	3.0 D MOD. 123	3.0	80-83	OM 603.912	6	12	12/84>1/89	AN1000ME	/
	3.0 D MOD. 123, 124, 463	3.0	80-83	OM 603.912	6	12	2/89>6/93	SR71	GX70
	3.0 D TURBO MOD. 123	3.0	65	OM 617.912	5	12	2/76>7/80	AN1000ME	/
	3.0 D TURBO MOD. 123	3.0	65	OM 617.912	5	12	8/80>11/85	SR73	GX74
	3.0 D 4MATIC MOD.124	3.0	80-83	OM 603.913	6	12	2/89>8/92	SR71	GX70
	3.0 D 4MATIC MOD.124	3.0	80-83	OM 603.913	6	12	9/86>1/89	SR73	GX74
	3.0 D, TD MOD. 124	3.0	105-108	OM 603.960	6	12	2/89>6/93	SR71	GX70
	3.0 D, TD MOD. 124	3.0	105-108	OM 603.960	6	12	9/86-1/89	SR73	GX74
	3.0 D, TD 4MATIC MOD.124	3.0	105	OM 603.963	6	12	2/89>6/93	SR71	GX70
	3.0 D, TD 4MATIC MOD.124	3.0	105	OM 603.963	6	12	9/86-1/89	SR73	GX74
	3.0 TD MOD.124	3.0	80-83	OM 603.912	6	12	9/86>1/89	SR73	GX74
	3.0 TD TURBO MOD.123	3.0	92	OM 617.952	5	12	10/80>11/85	SR73	GX74
	3.0 GD MOD.460	3.0	65	OM 617.931	5	12	12/79>7/80	AN1000ME	/
	3.0 GD MOD.460	3.0	65	OM 617.931	5	12	12/79>8/90	SR73	GX74
	3.5 SD MOD.140	3.5	100-110	OM 603.971	6	12	7/91>5/93	SR71	GX70
306	2.0 D	2.0	40	OM 615	4	12	1/71>2/73	AN1000ME	/
	2.0 DG	2.0	40	OM 615.943	4	12	12/76>7/77	AN1000ME	/
	2.2 DG	2.2	44	OM 615.917/937/939	4	12	3/73>7/77	AN1000ME	/
350	3.5 GD TURBO MOD.463	3.5	100	OM 603.972	6	12	9/91>7/93	SR71	GX70
406	2.2 DG	2.2	44	OM615.910	4	12	5/69>12/74	AN1000ME	/
A CLASS	A 1,7 160 CDI (Mod.168)	1.7	44	OM 668.941	4	12	1/98>	/	GX128
	A 1.7 170 CDI (Mod.168)	1.7	66-70	OM 668.940	4	12	1/98>	/	GX128
C 180	1.8 D MOD.202	1,8	65	OM 604.	4	12	10/98>5/00	SX116	GX116
C 200	2.0 D MOD.202	2.0	55	OM 601.913	4	12	3/93>8/95	SR71	GX70
	2.0 D	2.0	65	OM 604.915	4	12	9/96>	SX116	GX116
	2.2 CDI MOD.202	2,2	75	OM 611.960	4	12	3/98>05/00	/	GX129
	2.2 CDI MOD.203	2,2	85	OM 611.960	4	12	9/00>	/	GX129
	2,2 CDI (W203)	2,2	90	OM 646,962	4	12	04/03>	/	GX129
	2.2 D	2.2	70	OM 604.910	4	12	2/95>00	SX116	GX116
C 220	2.2 D	2,2	55	OM 611.913, OM 611.915	4	12	7/96>5/00	SX116	GX116
	2.2 D MOD.202	2.2	70	OM 604.910	4	12	8/93>1/95	SX119	GX119
	2.2 CDI, MOD.202	2,2	92	OM 611.960	4	12	12/97>4/00	/	GX129
	2.2 CDI, MOD.203	2,2	105	OM 611.962	4	12	5/00>	/	GX129

APPLICATION LIST

M

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
MERCEDES									
C 250	2.5 D MOD.202	2.5	83	OM 605.910	5	12	5/93>1/95	SX119	GX119
	2.5 D MOD.202	2.5	83	OM 605.910	5	12	2/95>8/95	SX116	GX116
	2.5 TD MOD.202	2.5	110	OM 605.960	5	12	5/96>	SX116	GX116
C 270	2.7 CDI, MOD.203	2,7	125	OM 612.962	5	12	12/00>	/	GX129
C 30 CDI AMG (203.018)	3,0 CDI	3,0	170	OM 612.990	5	12	01/03>	/	GX2133
C 30 CDI T-MODEL (S203)	3,0 CDI	3,0	170	OM 612.990	5	12	01/03>	/	GX2133
C Sportcoupe C 30 CDI	3,0 CDI AMG	3,0	170	OM 612.990	5	12	09/02>	/	GX2133
CL 203 SPORTCOUPE	3,0 CDI	3,0	170	OM 612.990	5	12	09/02>	/	GX2133
CLK 270 CDI	2,7 CDI MOD.209	2,7	125		5	12	10/02>	/	GX129
E 200	2.0 D MOD.124	2.0	55	OM 601.912	4	12	7/93>6/95	SR71	GX70
	2.0 D MOD.210	2.0	65	OM 604.917	4	12	1/96>	SX116	GX116
	2.2 CDI MOD.210	2,2	75-85	OM 611.961	4	12	6/98>	/	GX129
	2.2 CDI MOD.210	2,2	105	OM 611.962	4	12	6/99>	/	GX129
	2,2 CDI (W211)	2,2	75		4	12	07/02>	/	GX129
	2,2 CDI (W211)	2,2	90		4	12	07/02>	/	GX129
E 220	2.2 D MOD.210	2,2	70	OM 604.912	4	12	6/95>	SX119	GX119
	2.2 D MOD.210	2,2	55	OM 611.913 WITH IMMOBILIZER	4	12	5/96>	SX116	GX116
	2.2 CDI MOD.210	2,2	92	OM 611.961	4	12	7/98>6/99	/	GX129
	2,2 CDI (W211)	2,2	110	OM 646.961	4	12	03/02>	/	GX129
E 250	2.5 D MOD.210	2.5	83	OM 605.912 WITH IMMOBILIZER	5	12	6/95>	SX116	GX116
	2.5 D, TD MOD.124	2.5	83	OM 605.911	5	12	7/93>5/96	SX119	GX119
	2.5 TD MOD.124	2.5	93	OM 602.962	5	12	7/93>6/95	SR71	GX70
	2.5 TD MOD.124	2.5	83	OM 605.911 WITH IMMOBILIZER	5	12	7/93>5/96	SX116	GX116
	2.5 TD MOD.210	2.5	110	OM 605.962 WITH IMMOBILIZER	5	12	5/96>	SX116	GX116
E 270	2.7 CDI MOD.210	2,7	105	OM 612.962	5	12	6/99>	/	GX129
	2,7 CDI (W211)	2,7	130	OM 647.961	5	12	03/02>	/	GX129
E 290	2.9 TD MOD.210	2.9	95	OM 602.982	5	12	1/96>	SX86	GX86
E 300	3.0 D MOD.210	3.0	100	OM 616.912 WITH IMMOBILIZER	6	12	3/95>	SX116	GX116
	3.0 D, TD MOD.124	3.0	100	OM 606.910	6	12	7/93>6/95	SX119	GX119
	3.0 TD MOD.124	3.0	108	OM 603.960	6	12	7/93>5/95	SR71	GX70
	3.0 TD MOD.124	3.0	100	OM 606.910 WITH IMMOBILIZER	6	12	6/95>6/96	SX116	GX116
	3.0 TD MOD.210	3.0	130	OM 606.962 WITH IMMOBILIZER	6	12	12/96>	SX116	GX116
E 320	3.2 CDI MOD.210	3,2	145	OM 613.961	6	12	6/99>	/	GX129
	3,2 CDI (W211)	3,2	150		6	12	11/02>	/	GX129
E 400	4,0 CDI (W211)	4	191		8	12	02/03>	/	GX129
G 290	2.9 D MOD.461	2.9	72	OM 602.942/947	5	12	8/93>10/94	SR71	GX70
	2.9 TD MOD.461	2.9	88	OM 602.983	5	12	7/97>	SR71	GX70
G 290 TD	2.9 TD	2.9	88	OM 602.983	5	12	07/97>	SX 86	GX86
G 300 TD	3.0 D MOD.463	3.0	83	OM 603.931	6	12	93>10/94	SR71	GX70
G 350	3.5 TD MOD.463	3.5	100	OM 603.972	6	12	8/93>6/94	SR71	GX70
ML 270	2.7 CDI MOD.163	2,7	120	OM 612.963	5	12	2/98>	/	GX129
V 200	2.0 CDI	2.0	75	OM 611.960	4	12	6/99>	/	GX129
V 220	2.2 CDI	2,2	90	OM 611.980	4	12	6/99>	/	GX129
V 230	2.3 TD	2.3	72	OM 601.970	4	12	4/96>	SR71	GX70
VANEO	1,7 CDI	1,7	55-67	OM 668.914	4	12	1/02>	/	GX128

APPLICATION LIST

M

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
MERCEDES									
VARIO	2.9 512 D	2.9	90	OM 602.984	5	12	9/96>	SX86	GX86
	2.9 612 D, 812D	2.9	90	OM 602.984/985	5	12	9/96>	SX86	GX86
VIANO	2,0 CDI	2	80		4	12	09/03>	/	GX129
	2,2 CDI	2,2	110		4	12	09/03>	/	GX129
VITO	2.2 108 CDI	2,2	60	OM 611A	4	12	03/99>	/	GX129
	2.3 108 D	2.3	58	OM 601.942	4	12	11/95>	SR71	GX70
	2.3 110 TD	2.3	72	OM 601.970	4	12	11/95>	SR71	GX70
	2.2 110 CDI	2,2	75	OM 611.960	4	12	4/98>	/	GX129
	2.2 112 CDI	2,2	90	OM 611.980	4	12	03/99>	/	GX129
	2,0 CDI	2	80		4		09/03>	/	GX129
	2,2 CDI	2,2	110		4		09/03>	/	GX129
207 D	2.0 D	2.0	40	OM 615.944	4	12	8/77>1/89	AN1000ME	/
	2.4 D	2.4	48	OM 616.917/934	4	12	5/77>8/82	AN1000ME	/
	2.4 D	2.4	53	OM 616.937/939	4	12	9/82>1/89	SR73	GX74
208 D	2.3 D	2.3	58-60	OM 601.940	4	12	10/88>6/95	SR71	GX70
209 D	3.0 D	3.0	65	OM 617.913	5	12	9/82>1/89	SR73	GX74
210 D	2.9 D	2.9	70-72	OM 602.940	5	12	10/88>6/95	SR71	GX70
307 D	2.0 D	2.0	40	OM 615.944	4	12	8/77>10/85	AN1000ME	/
	2.4 D	2.4	48	OM 616.934	4	12	5/77>8/82	AN1000ME	/
	2.4 D	2.4	53	OM 616.937/939	4	12	9/82>1/89	SR73	GX74
308 D	2.3 D	2.3	58-60	OM 601.940	4	12	10/88>	SR71	GX70
309 D	3.0 D	3.0	65	OM 617.913	5	12	9/82>1/89	SR73	GX74
310 D	2.9 D	2.9	70-72	OM 602.940	5	12	10/88>6/95	SR71	GX70
407 D	2.4 D	2.4	48-53	OM 616.910	4	12	1/75>8/82	AN1000ME	/
	2.4 D	2.4	53	OM 616.910	4	12	9/82>12/88	SR73	GX74
408 D	2.3 D	2.3	58-60	OM 601.940	4	12	11/88>6/95	SR71	GX70
409 D	3.0 D	3.0	65	OM 617.913	5	12	4/82>1/89	SR73	GX74
410 D	2.9 D	2.9	70-72	OM 602.940	5	12	11/88>6/95	SR71	GX70
507 D	2.4 D	2.4	53	OM 616.914	4	12	4/86>4/89	SR73	GX74
508 D	2.3 D	2.3	58	OM 601.941	4	12	3/89>	SR71	GX70
MB	2.4 100 D	2.4	53-56	OM 616.963	4	12	9/87>1/89	SR73	GX74
	2.4 100 D	2.4	53-56	OM 616.963	4	12	2/89>8/91	SR71	GX70
	2.4 180	2.4	56	OM 616.963-01	4	12	2/89>	SR71	GX70
	2.4 180	2.4	56	OM 616.963-01	4	12	1/87>1/89	SR73	GX74
O 100	2.9 CITY	2.9	70	OM 602.940	5	12	1/94>	SR71	GX70
O 309	2.4 D	2,4	48	OM 616.910	4	12	1/75>8/82	AN1000ME	/
	2.4 D	2,4	53	OM 616.937/939	4	12	9/82>2/89	SR73	GX74
S 300	3.0 TD MOD.140	3.0	130	OM 606.961	6	12	6/96>9/98	SX116	GX116
S 320 CDI	3.2 CDI MOD.220	3,2	145	OM 613.960	6	12	6/99>	/	GX129
S 350	3.5 TD MOD.140	3.5	110	OM 603.971	6	12	6/93>6/96	SR71	GX70
S 400	4.0 CDI MOD.220	4.0	184	OM 628.960	8	12	01/00>	/	GX129
SPRINTER	2.2 208 CDI	2,2	60	OM 611.987	4	12	04/00>	/	GX129
	2.3 208 D	2.3	58	OM 601.943	4	12	2/95>	SR71	GX70
	2.9 210 D	2.9	75	OM 602.986	5	12	1/97>	SX86	GX86
	2.2 211 CDI	2,2	80	OM 611.981	4	12	04/00>	/	GX129

APPLICATION LIST

M

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
MERCEDES									
SPRINTER	2.9 212D	2,9	90	OM 602.980 DE LA ->Eng.000136	5	12	2/95>3/00	SR73	GX74
	2.9 212D	2,9	90	OM 602.980 DE LA Eng.000137->	5	12	2/95>3/00	SX86	GX86
	2.9 212 D	2,9	90	OM 602.980 DE LA ->Eng.009849	5	12	2/95>3/00	SR73	GX74
	2.9 212D	2,9	90	OM 602.980 DE LA Eng.009850->	5	12	2/95>3/00	SX86	GX86
	2.2 213 CDI	2,2	95	OM 611.960	4	12	04/00>	/	GX129
	2.7 216 CDI	2,7	115	OM 612.981	5	12	04/00	/	GX129
	2.2 308 CDI	2,2	60	OM 611.987	4	12	04/00>	/	GX129
	2.3 308 D	2,3	58	OM 601.943	4	12	4/95>	SR71	GX70
	2.9 310 D	2,9	75	OM 602.986	5	12	1/97>	SX86	GX86
	2.2 311 CDI	2,2	80	OM 611.981	4	12	04/00>	/	GX129
	2.9 312 D	2,9	90	OM 602.980 DE LA ->Eng.000136	5	12	2/95>3/00	SR73	GX74
	2.9 312 D	2,9	90	OM 602.980 DE LA Eng.000137->	5	12	2/95>3/00	SX86	GX86
	2.9 312 D	2,9	90	OM 602.980 DE LA ->Eng.009849	5	12	2/95>3/00	SR73	GX74
	2.9 312 D	2,9	90	OM 602.980 DE LA Eng.009850->	5	12	2/96>	SX86	GX86
	2.2 313 CDI	2,2	95	OM 611.960	4	12	04/00>	/	GX129
	2.7 316 CDI	2,7	115	OM 612.981	5	12	04/00	/	GX129
	2.2 408 CDI	2,2	60	OM 611.987	4	12	04/00>	/	GX129
	2.3 408 D	2,3	58	OM 601.943	4	12	2/95>	SR71	GX70
	2.9 410 D	2,9	75	OM 602.986	5	12	1/97>	SX86	GX86
	2.2 411 CDI	2,2	80	OM 611.981	4	12	04/00>	/	GX129
	2.9 412D	2,9	90	OM 602.980 DE LA ->Eng.000136	5	12	2/95>3/00	SR71	GX70
	2.9 412D	2,9	90	OM 602.980 DE LA Eng.000137->	5	12	2/95>3/00	SX86	GX86
	2.9 412 D	2,9	90	OM 602.980 DE LA ->Eng.009849	5	12	2/95>3/00	SR71	GX70
	2.9 412D	2,9	90	OM 602.980 DE LA Eng.009850->	5	12	2/95>3/00	SX86	GX86
	2.2 413 CDI	2,2	95	OM 611.981	4	12	04/00>	/	GX129
	2.7 416 CDI	2,7	115	OM 612.981	5	12	04/00>01/01	/	GX129
	2.7 616 CDI	2,7	115	OM 612.981	5	12	02/01>	/	GX129
UNIMOG	1.8 U 34	1,8	25	OM 636.914	4	12	1/65>9/75	AN1020ME	/
	2.5 U 52	2,5	38	OM 616.915	4	12	5/69>12/76	AN1000ME	/
	2.5 U 60	2,5	44	OM 616.930	4	12	5/69>12/76	AN1000ME	/
	3.0 U 90	3,0	65	OM 602.941	5	12	11/92>	SR71	GX70
	2.9 100 L	2,9	71	OM 602.948	5	12	11/92>	SR71	GX70
	2.0 421	2,0	34-40	OM 621...	4	12	1/66>9/75	AN1020ME	/
	2.4 600/650	2,4	38-44	OM 616...	4	12	1/88>	SR73	GX74
MINI									
MINI ONE	1,4 D 8V	1,4	55	D-4D	4	12	06/03>	/	GJ94TO
MITSUBISHI									
ENGINE	4D32,33,34			Mitsubishi 4D32,33,34		23		/	GJ49MI
CANTER	4DQ			T 720, T 722	4	12	>67	JA180KU	GJ180KU
				4DQ	4	12	>67	JA180KU	GJ180KU
				4DR1	4	12	68>70	JA36MI	/
				4DR5	4	12	71>9/85	JA36MI	/

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
MITSUBISHI									
CANTER				4DR5	4	12	10/85>	JA51MI	/
				4DR5	4	24	12/73>4/83	JA40MI	/
				4DR51	4	24	1/81>4/83	JA40MI	/
	4DR5			K-FB300	4	12	10/85>	JA51MI	/
				4D30	4	24	78>4/83	/	GJ54MI
	CANTER 35	3,0	92	4M42-0AT	4	12	09/01>	/	GJ37MI
	CANTER 55	3,0	92	4M42-0AT	4	12	09/01>	/	GJ37MI
	CANTER 60	3,3	86	4D31T	4	24	07/86>	/	GJ49MI
	CANTER 60	3,9	100	4D34-2AT4	4	24	08/96>	/	GJ49MI
	CANTER 75	3,9	100	4D34-2AT4	4	24	10/97>	/	GJ49MI
	CANTER 75	3,9	105	4D34-2AT6	4	24	09/01>	/	GJ49MI
	CANTER 75	5,0	115	6D31-1AT2	4	24	01/94>12/97	/	GJ49MI
	3.3 D	3,3	85-86	4D310AT	4	24	1/86>5/96	/	GJ49MI
	3.3 D	3,3	66	4D310AZ	4	24	1/86>9/96	/	GJ49MI
	FB501A,B FB511A,B			4M40	4	12	11/93>	/	GJ39MI
CARISMA	1.9 TD	1.9	66	F8Q	4	12	10/96>	SX60	GX60
COLT LANCER	1.8 D	1.8		4D65 (C14A)	4	12	11/83>11/84	JA56MI	GJ55MI
	1,8 GL D	1,8	44	4D65 (BJ86-92)	4	12	09/86>04/88	JA56MI	GJ55MI
	2.0 TD	2,0		4D68T	4	12	12/93>4/96	JA53MI	GJ53MI
	1,5 DI-D	1,5	70	OM639	3	12	08/04>	/	GX4149
DELICA	4D55			N-LO380PV/GV/GW	4	12	11/82>	JA56MI	GJ55MI
	4D56			N-PO5V/P25V	4	12	6/86>	JA56MI	GJ55MI
	4D56			NOT QGS SYSTEM	4	12	11/82>	JA56MI	GJ55MI
	4D56			L-039P	4	12	6/93>3/94	JA43MI	GJ130MA
	KD-PA5V, KC-PB5V, PD5V			4D56T			9/97>	JA53MI	GJ53MI
	KB-P05V, 05T, 15V, 25V			4D56T			9/97>	JA53MI	GJ53MI
	KC-P15V, 15T, 25T, 45V			4D56T			9/97>	JA53MI	GJ53MI
	KD-P05W, 25W, 35W			4D56T			9/97>	JA53MI	GJ53MI
	KD-PA5W, PB5W, PC5W			4D56T			9/97>	JA53MI	GJ53MI
	KD-PE8W, PD8W, PF8W			4M40T	4	12	5/94>	/	GJ39MI
DELICA VAN	R 2			KG-SK22MM / KJ-SK22VM	4	12	6/99>	/	GJ1300MA
ENGINE	MM35			Mitsubishi BOBCAT		12		/	GJ31MI
ETERNA	1.8 D, TD	1,8		4D65, 4D65T	4	12	4/84>7/87	JA56MI	GJ55MI
	4D55	2.3		4D55,T (K-A167) NOT QGS SYSTEM	4	12	5/80>11/82	JA56MI	GJ55MI
GALANT	1,8 TD	1,8	60	4D65T	4	12	06/84>12/87	JA57MI	GJ55MI
	2.3 D, SIGMA, TD	2.3	62-70	4D55, 4D55T	4	12	1/80>5/84	JA57MI	GJ55MI
	4D65T	2.3		4D65T QGS	4	12	6/84>6/85	JA57MI	GJ55MI
	2,0 D TURBO	2,0	66	4D68	4	12	12/93>02/00	JA53MI	GJ53MI
GALANT SIGMA	2.3 D	2.3	62-70	4D55	4	12	01/80>05/84	JA56MI	GJ55MI
	2.3 TD	2.3	62-70	4D55 T	4	12	01/80>05/84	JA56MI	GJ55MI
GALANT WAGON	2,0 D TURBO (EA)	2,0	66	4D68	6	12	10/96>02/00	JA53MI	GJ53MI
GALLOPER	2.5 D	2.5	73-98	D4BH	4	12	8/98>	JA53MI	GJ53MI
JEEP				4DR5	4	24	11/82>	JA40MI	/
JUPITER				6DR5	6	24	71>	JA40MI	/
				KE31/36	4-6	12		/	GJ38MI
				KE41/61	4-6	12	65>67	JA48MI	/
				KE65	6	24	67>70	JA44MI	/
	2,3 D	2.3	49	4D55	4	12	4/83>10/86	JA56MI	GJ55MI

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
MITSUBISHI									
L 200	2,5D (K0T-K3T)	2,5	51	4D56 SOHC	4	12	06/94>08/96	JA53MI	GJ53MI
	2,5TD (K34T)	2,5	64	4 D 56 T	4	12	11/92>08/96	JA43MI	GJ130MA
L 300	2.3 D (L038P)	2.5	50	4 D 55	4	12	04/83>10/86	JA57MI	GJ55MI
	2.5 D	2.5	62	4D56	4	12	12/87>	JA57MI	GJ55MI
	2.5 TD	2.5	64	4D56T SOHC	4	12	06/94>	JA53MI	GJ53MI
	2.5 D (P05V, P05W, P15V)	2.5	51	4 D 56	4	12	11/86>	JA 43 MI	GJ 130 MA
	2.5 D	2.3	49	4D55	4	12	5/83>10/86	JA56MI	GJ55MI
L400	2,5TD	2,5	73	4D56T	4	12	12/94>	JA53MI	GJ53MI
LIBERO	KACB8V, CD8V			4D68T			9/97>	JA53MI	GJ53MI
	KD-CB8W, CD8W			4D68T			9/97>	JA53MI	GJ53MI
LANCER	KD-CK8A, CM8A			4D68T			9/97>	JA53MI	GJ53MI
	2,0 D (CB/CD)	2,0	50-54	4D68	4	12	12/93>04/96	JA53MI	GJ53MI
LANCER S.W.	2,0 D	2,0	50-54	4D68 SOHC	4	12	12/93>05/96	JA53MI	GJ53MI
MIRAGE	X-CK8A, CM8A			4D68T			9/97>	JA53MI	GJ53MI
MONTERO	2.5 TD	2,5		4D55T, 4D65T	4	12	83>88	JA56MI	GJ55MI
	2,8 TD	2,8	92	4M40	4	12	06/94>04-00	/	GJ39MI
PAJERO	2,3 D	2,3	62	4D55	4	12	12/82>06/83	JA57MI	GJ55MI
	2,3 TD	2,3	62	4D55T	4	12	12/82>04/86	JA57MI	GJ55MI
	2,3 TD INTERCOOLER	2,3	64	4D55	4	12	09/84>04/86	JA57MI	GJ55MI
	2,5 D TURBO (L)	2,5	62	4D56T	4	12	05/86>10/93	JA57MI	GJ55MI
	2,5 TD INTERCOOLER (V)	2,5	62	4D56T	4	12	08/93>09/99	JA43MI	GJ130MA
	3.2 CLASSIC DI-D 4WD	3,2	118		4	12	05/05>	/	GJ37MI
PAJERO II	2,5 TD (V24C, V24W)	2,5	73	4D56TD	4	12	12/90>04/00	JA53MI	GJ53MI
	2,8 TD V26W, V26WG, KC	2,8	92	4M40	4	12	06/94>04/00	/	GJ39MI
	2,8 TD V46W, KD-V46WG	2,8	92	4M40	4	12	06/94>04/00	/	GJ39MI
PAJERO III	3,2 DI-D (V60)	3,2	118	4M41DI	4	12	10/01>	/	GJ37MI
	3,2 DI-D (V60)	3,2	118	4M41DI	4	12	04/10>10/01	/	GJ37MI
	3,2 DI-D (V60)	3,2	121	4M41DI	4	12	10/01>	/	GJ37MI
PAJERO SPORT	2,5 TD	2,5	73		4		11/98>07/02	JA53MI	GJ53MI
	2,5 TD	2,5	85		4		07/02>08/03	JA53MI	GJ53MI
	2,5 TD	2,5	98		4		08/03>	JA53MI	GJ53MI
ROSA				6DR5	6	24	73>1/83	JA40MI	/
				4DR5	4	12	70>79	JA36MI	/
				KE31	4	24	70>71	JA46MI	/
				4D30	4	24	79>1/83	/	GJ54MI
SHOGUN	2.3 D	2,3		4D55 QGS	4	12	5/82>11/82	JA55MI	GJ55MI
	2.3 TD	2,3		4D55 T	4	12	11/82>	JA55MI	GJ55MI
	2,5 TD	2,5	73	4D56T	4	12	11/93>1/98	JA53MI	GJ53MI
	2,8 TD	2,8		4M40	4	12	4/98>08/00	/	GJ39MI
	3,2 TD	3,2		4M41DI	4	12	02/99>	/	GJ37MI
SPACE GEAR	2,5 TD	2,5	73	4D56T	4	12	12/94>	JA53MI	GJ53MI
SPACE WAGON	1.8 TD	1,8		4D65T	4	12	89>	JA55MI	GJ55MI
	2,0 D TURBO 4WD (N)	2,0	60	4D68 SOHC	4	12	06/93>	JA53MI	GJ53MI
SIGMA	4D55T TURBO			4D55T QGS			80>84	JA57MI	GJ55MI
	2,3 4D55	2,3		4D55			5/80>5/84	JA56MI	GJ55MI
SPACE RUNNER	2,0 D	2,0	60	4D68	4	12	06/93>	JA53MI	GJ53MI
	2,0 TD	2,0						JA57MI	GJ55MI

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
MITSUBISHI									
SPACE WAGON	1,8 TD	1.8		4D65			89>	JA57MI	GJ55MI
STRADA	KC-K74T			4D68T			9/97>	JA53MI	GJ53MI
MOTORIBERICA									
ALL MODELS						12		TA50E	/
PATROL D260	2.8 D	2.8		A428	4	12	>8/88	SR74	GX74
SANTANA TD	1.6 D	1.6		CY	4	12	84/87	SR58	GX59
SERENA D	2.0 D	2.0		GX3	4	12	11/94>	JA59NI	GJ59NI
NEW HOLLAND									
CLAYSON	SP818			Perkins 6-354 (1)			01/68-12/70	TA50E	/
	1530			Perkins 6-354			01/70-	TA50E	/
	1540-1550			Perkins 6-372			01/71-	TA50E	/
	1545			Perkins 6-372 (TA)			01/71-12/75	TA50E	/
	1550			Perkins T6-354.1			01/71-12/73	TA50E	/
	M140, M133, M135			Perkins 6-354			01/69-	TA50E	/
	M89			Perkins 4-236			01/68-	TA50E	/
NISSAN									
220 C	2.0 D	2.0		SD20	4	12	6/79>	JA74NI	GJ84NI
	2.0 D	2.0		SD20	4	12	68>5/77	JA62NI	GJ84NI
	2.0 D	2.0		SD20	4	12	6/77>6/79	JA70NI	GJ84NI
	2.2 D	2.2		SD22	4	12	6/77>	JA70NI	GJ84NI
	2.3 D	2.3		SD23	4	12	84>	JA73NI	GJ84NI
	2.8 D	2.8		LD28	6	12	11/79>6/82	JA78NI	GJ75NI
	2.8 D	2.8		LD28 QGS TYPE2	6	12	6/82>	JA75NI	GJ75NI
280 C	2.0 D	2.0		SD20	4	12	6/79>	JA74NI	GJ84NI
	2.0 D	2.0		SD20	4	12	6/77>10/77	JA70NI	GJ84NI
	2.2 D	2.2		SD22	4	12	6/79>	JA74NI	GJ84NI
	2.2 D	2.2		SD22	4	12	6/77>10/77	JA70NI	GJ84NI
	2.8 D	2.8		LD28	6	12	11/79>6/82	JA78NI	GJ75NI
	2.8 D	2.8		QGS TYPE2 LD 28	6	12	6/82>	JA75NI	GJ75NI
	2.0 D	2.0		SD20	4	12	10/77>6/79	JA72NI	GJ84NI
	2.2 D	2.2		SD22	4	12	10/77>6/79	JA72NI	GJ84NI
	2.0 D	2.0		SD20	4	12	68>5/77	JA62NI	GJ84NI
	2.8 D	2.8		QGS TYPE1 LD 28	6	12	6/82>	JA82NI	GJ75NI
300 C	2.8 D	2.8		QGS TYPE1, 2 LD 28	6	12	6/82>	JA75NI	GJ75NI
819	2.0 D	2.0		LD20 QGS TYPE1	4	12	1/81>	JA82NI	GJ75NI
	2.0 D	2.0		LD20/20T	4	12	87>	JA59NI	GJ59NI
	2.0 D	2.0		LD20/20T	4	12	5/80>12/81	JA78NI	GJ75NI
	2.0 D	2.0		LD207T QGS TYPE1	4	12	1/81>	JA82NI	GJ75NI
	2.8 D	2.8		LD28	6	12	6/80>8/81	JA78NI	GJ75NI
	2.8 D	2.8		LD28 QGS TYPE1	6	12	8/81>	JA82NI	GJ75NI

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
NISSAN									
910	2.0 D	2.0		LD20 QGS TYPE1	4	12	1/81>	JA82NI	GJ75NI
	2.0 D	2.0		LD20/20T	4	12	5/80>12/81	JA78NI	GJ75NI
	2.0 D	2.0		LD20/20T	4	12	87>	JA59NI	GJ59NI
	2.0 D	2.0		LD207T QGS TYPE1	4	12	1/81>	JA82NI	GJ75NI
	2.8 D	2.8		LD28	6	12	6/80>8/81	JA78NI	GJ75NI
	2.8 D	2.8		LD28 QGS TYPE1	6	12	8/81>	JA82NI	GJ75NI
ALMERA	1,5 dCi	1,5	60		4		01/03>	/	GX82
	2,0 D (N15)	2.0	55	CD20 OHC	4	12	07/95>04/99	JA261NI	GJ261NI
	2,2 di	2,2	81	YD22DDT	4	12	03/00>	/	GJ262NI
ALMERA TINO	2,2 di	2,2	84	YD22DDTi	4	12	08/00>	/	GJ262NI
	2,2 dCi	2,2	82	V10	4		09/03>	/	GJ262NI
	2,2 dCi	2,2	100	V10	4		09/03>	/	GJ262NI
B 11	1.7 D	1.7		CD17	4	12	86>	JA59NI	GJ59NI
	1.7 D	1.7		CD17 QGS TYPE1, 2	4	12	10/82>	JA69NI	GJ69NI
BASSARA	2,5	2,5			4	12		/	GJ262NI
BLUEBIRD	2,0 D (T12, T72)	2.0	47-49	LD20	4	12	12/85>02/90	JA59NI	GJ59NI
	2.0 D	2.0	60	LD20 QGS TYPE1	4	12	1/81>	JA82NI	GJ75NI
	2.8 D	2.8		LD28	6	12	6/80>8/81	JA78NI	GJ75NI
	2.8 D	2.8		LD28 QGS TYPE1	6	12	8/81>	JA82NI	GJ75NI
BROUGHAM	2.3 D	2.3		TD23	4	12	93>	JA86NI	GJ55MI
CABALL	2.2 D	2.2		SD22	4	12	8/66>9/67	JA66NI	/
	2.2 D	2.2		SD22	4	12	10/67>12/72	JA62NI	GJ84NI
	3.0 D	3.0		ED30	4	24	10/76>11/77	JA61NI	GJ67NI
	3.0 D	3.0		ED30	4	12	1/73>5/80	JA68NI	GJ68NI
	3.0 D	3.0		ED30	4	24	6/80>12/81	JA73NI	GJ84NI
	3.3 D	3.3		ED33	4	24	6/80>12/81	/	GJ67NI
CABSTAR	2.2 D	2.2		SD22	4	12	1/76>	JA62NI	GJ84NI
	2.2 D	2.2		SD22	4	24	11/77>1/82	/	GJ80NI
	2.3D	2.3		TD23	4	12	87>	JA86NI	GJ55MI
	2.5 D	2.5		TD25	4	12	10/87>	JA86NI	GJ55MI
	2.7 D	2.7		TD27	4	12	10/87>	JA86NI	GJ55MI
CEDRIC				SD20/22	4	12	>65	JA60NI	/
				SD20/22	4	12	68>6/83	JA62NI	GJ84NI
				SD20/22	4	12	66>67	JA66NI	/
	2.3 D	2.3		SD23	4	12	84>	JA62NI	GJ84NI
	2.3 D	2.3		TD23	4	12	9/86>	JA86NI	GJ55MI
	2.8 D	2.8		LD 28	4	12	11/79>6/82	JA63NI	GJ75NI
	2.8 D	2.8		LD 28 QGS TYPE1, 2	4	12	6/82>6/85	JA75NI	GJ75NI
CHERRY	1.7 D	1.7	40	CD 17 QGS TYPE1, 2	4	12	10/82>	JA69NI	GJ69NI
CIVILIAN	2.2 D	2.2		SD22	4	12	9/71>	JA62NI	GJ84NI
	3.0 D	3.0		ED30 12V	4	12	2/73>5/80	JA68NI	GJ68NI
	3.0 D	3.0		ED30 24V	4	24	10/76>	/	GJ67NI
	3.3 D	3.3		ED33 24V	4	24	6/80>3/88	/	GJ67NI
	3.5 D	3.5		ED35	4	24	6/90>	/	GJ67NI
	4.2 D	4.2		TD42	4	24	5/88>	/	GJ88NI

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
NISSAN									
CLIPPER	2.2 D	2.2		SD22	4	12	10/67>12/72	JA62NI	GJ84NI
	2.2 D	2.2		SD22	4	12	8/66>9/67	JA66NI	/
	3.0 D	3.0		ED30	4	24	6/80>12/81	JA73NI	GJ84NI
	3.0 D	3.0		ED30	4	24	10/76>11/77	JA61NI	GJ67NI
	3.0 D	3.0		ED30	4	12	1/73>5/80	JA68NI	GJ68NI
	3.3 D	3.3		ED33	4	24	6/80>12/81	/	GJ67NI
DELICA VAN				R2 - KJ-SK22VM / KG-SK22MM		12	06/99>	/	GJ1300MA
D21	2.5 D	2.5		TD25	4	12	93>	JA86NI	GJ55MI
	2.7 D	2.7		TD27	4	12	93>	JA86NI	GJ55MI
	2.7 D	2.7		TD27T	4	12	93>	JA260NI	GJ260NI
EL GRAND				KH-ATE50 ZD30DDTi (NE Di)		12	08/99>	/	GJ264NI
				KH-ATWE50 ZD30DDTi (NE Di)		12	08/99>	/	GJ264NI
E20	2.0 D	2.0		LD20T QGS TYPE1	4	12	5/82>	JA82NI	GJ75NI
	2.2 D	2.2		SD22	4	24	3/78>	/	GJ80NI
	2.2 D	2.2		SD22	4	12	3/78>	JA72NI	GJ84NI
	2.3 D	2.3		SD23	4	24	5/82>	JA65NI	/
	2.3 D	2.3		SD23 QGS TYPE1	4	12	5/82>	JA73NI	GJ84NI
	2.3 D	2.3		TD23	4	12		JA86NI	GJ55MI
	2.7 D	2.7		TD27	4	12		JA86NI	GJ55MI
E23	2.0 D	2.0		LD20T QGS TYPE1	4	12	5/82>	JA82NI	GJ75NI
	2.2 D	2.2		SD22	4	12	3/78>	JA72NI	GJ84NI
	2.2 D	2.2		SD22	4	24	3/78>	/	GJ80NI
	2.3 D	2.3		SD23	4	24	5/82>	JA65NI	/
	2.3 D	2.3		SD23 QGS TYPE1	4	12	5/82>	JA73NI	GJ84NI
	2.3 D	2.3		TD23	4	12		JA86NI	GJ55MI
	2.7 D	2.7		TD27	4	12		JA86NI	GJ55MI
E24	2.0 D	2.0		LD20T QGS TYPE1	4	12	5/82>	JA82NI	GJ75NI
	2.2 D	2.2		SD22	4	24	3/78>	/	GJ80NI
	2.2 D	2.2		SD22	4	12	3/78>	JA72NI	GJ84NI
	2.3 D	2.3		SD23	4	24	5/82>	JA65NI	/
	2.3 D	2.3		SD23 QGS TYPE1	4	12	5/82>	JA73NI	GJ84NI
	2.3 D	2.3		TD23	4	12		JA86NI	GJ55MI
	2.5 D	2.5		TD25	4	12	93>	JA86NI	GJ55MI
	2.7 D	2.7		TD27	4	12		JA86NI	GJ55MI
F22	2.3 D	2.3		SD23	4	24		JA65NI	/
	2.3 D	2.3		TD23	4	12		JA86NI	GJ55MI
	2.5 D	2.5		SD25	4	12	12/81>	JA63NI	GJ84NI
	2.5 D	2.5		SD25	4	24		JA65NI	/
	2.5 D	2.5		TD25	4	12		JA86NI	GJ55MI
	2.7 D	2.7		TD27	4	12		JA86NI	GJ55MI
	3.3 D	3.3		ED33	6	12		/	GJ67NI
GLORIA				SD20/22	4	12	68>6/83	JA62NI	GJ84NI
				SD20/22	4	12	>65	JA60NI	/
				SD20/22	4	12	66>67	JA66NI	/
	2.3 D	2.3		SD23	4	12	84>	JA63NI	GJ84NI

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
NISSAN									
GLORIA	2.3 D	2.3		TD23	4	12	9/86>	JA86NI	GJ55MI
	2.8 D	2.8		LD 28	6	12	11/79>6/82	JA78NI	GJ75NI
	2.8 D	2.8		QGS TYPE1, 2 MOT LD 28	6	12	6/82>6/85	JA75NI	GJ75NI
HOMER	2.2 D	2.2		SD22	4	12	1/76>	JA62NI	GJ84NI
	2.2 D	2.2		SD22	4	24	11/77>1/82	/	GJ80NI
	2.3 D	2.3		TD23	4	12		JA86NI	GJ55MI
	2.5 D	2.5		TD25	4	12		JA86NI	GJ55MI
	2.7 D	2.7		TD27	4	12		JA86NI	GJ55MI
INTERSTAR	1,9 dCi	1,9	60	F9Q 772	4	12	07/02>	/	GX82
	2,2 dCi	2,2	66	G9T 722	4	12	07/02>	/	GX 150
K 180	2.0 D	2.0		LD20	4	12	6/80>9/81	JA75NI	GJ75NI
	2.0 D	2.0		LD20 QGS TYPE1, 2	4	12	10/81>	JA75NI	GJ75NI
	2.8 D	2.8		LD28	6	12	6/80>9/81	JA78NI	GJ75NI
	2.8 D	2.8		LD28 QGS TYPE1, 2	6	12	8/81>	JA75NI	GJ75NI
KUBISTAR	1,5 dCi	1,5	48		4	12	08/03>	/	GX82
	1,5 dCi	1,5	60		4	12	08/03>	/	GX82
LAUREL	2.0 D	2.0		LD20	4	12	11/80>9/81	JA78NI	GJ75NI
	2.0 D	2.0		SD20	4	12	11/78>11/80	JA72NI	GJ84NI
	2.0 D	2.0		LD20 QGS TYPE1, 2	4	12	10/81>	JA75NI	GJ75NI
	2.8 D	2.8	62	LD28	6	12	11/80>9/81	JA78NI	GJ75NI
	2.8 D	2.8		RD28 CYLINDER 1,2,3	3	12	89>	JA87NI	/
	2.8 D (JC32)	2.8	66	RD28	6	12	01/85>12/89	/	GJ39MI
	2.8 D	2.8		RD28 CYLINDER 4,5,6	3	12	89>	JA89NI	/
	2.8 D	2.8		LD28 QGS TYPE1, 2	6	12	10/81>	JA75NI	GJ75NI
MICRA	1,5 D	1,5	43	TUD 5	4	12	10/96>	SX89	GX89
	1.5 JIVE	1.5	42	TD15	4	12	02/89>02/03	SX89	GX89
	1,5 dCi	1,5	48-60		4	12	01/03>	/	GX82
PATHFINDER	2,5 D21	2,5		TD25	4	12	10/81>	JA86NI	GJ55MI
	2,5 DCI 4WD	2,5	128		4	12	03/05>	/	GJ262NI
	2,7 D21	2,7	96	TD27ETi	4	12	10/81>	JA86NI	GJ55MI
	2,7 D21	2,7		TD27T	4	12	10/81>	JA260NI	GJ260NI
	3,2 TD	3,2	110	QD32ETi	4	12	09/97>	/	GJ263NI
PATROL	2.7 TD	2.7		TD27 12V	4	12	2/93>	JA86NI	GJ55MI
	2.8 TD	2.8	85	RD28T	6	12	06/89>11/95	/	GJ39MI
	2.8 TD	2.8		RD28T CYLINDER 1,2,3	3	12	89>	JA87NI	/
	2.8 TD	2.8		RD28T CYLINDER 4,5,6	3	12	89>	JA89NI	/
	2,8 TDTi GRI	2,8	85	RD28T	6	12	09/88>06/97	/	GJ39MI
	2,8 TDTi GRii	2,8	95	RD28Ti	6	12	06/97>05/00	/	GJ39MI
	3,0 Dti	3	116	ZD30DDTi	4	12	05/00>	/	GJ264NI
	3.2 D	3.2		SD33 12V	6	12	8/82>	JA63NI	GJ84NI
	3.2 D	3.2		SD33 24V	6	24	6/80>8/82	/	GJ80NI
	3.2 TD	3.2		SD33T 12V	6	12	82>	JA84NI	GJ84NI
	3.2 TD	3.2		SD33T 24V	6	24	82>85	JA65NI	/
	3.2 TD	3.2		SD33T 24V	6	24	86>	/	GJ85NI
	3.3 D (W160)	3.3	70	SD33	6	24	11/79>08/88	JA65NI	/
	4.2 TD	4.2	107	TD42T 12V	6	12	87>	JA86NI	GJ55MI
	4.2 TD	4.2	107	TD42T 24V	6	24	87>	/	GJ88NI
	4.2 TD GRI	4.2	85		6	24	11/88>06/97	/	GJ39MI

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
NISSAN									
PICK-UP	2.2 D	2.2	47	SD22	4	12	11/78>1/82	JA72NI	GJ84NI
	2.3 D	2.3	51	SD23	4	12	87>	JA84NI	GJ84NI
	2.3 D	2.3	51	SD23 QGS TYPE1, 2	4	12	84>	JA63NI	GJ84NI
	2.5 D	2.5	53	SD25	4	12	87>	JA84NI	GJ84NI
	2.5 D	2.5	53	SD25 QGS TYPE1, 2	4	12	83>86	JA63NI	GJ84NI
	2.5 D	2.5	59	TD25	4	12	09/94>08/96	/	GJ263NI
	2.5 D	2.5	61	TD25	4	12	02/98>	/	GJ263NI
	2.5 TD 4WD	2.5	76	TD25	4	12	02/98>	/	GJ263NI
	2.5 D	2.5	59	TD25	4	12	08/87>03/96	JA86NI	GJ55MI
	2.5 Di	2.5	98		4	12	03/02>	/	GJ262NI
	2.7 D	2.7	73	TD27	4	12	08/87>02/98	JA86NI	GJ55MI
	2.7 D	2.7		TD27T	4	12		JA260NI	GJ260NI
	3,2 D	3,2	76	QD32	4	12	12/98>	/	GJ263NI
PRIMASTAR	1,9 dCi 80	1,9	60		4	12	03/01>	/	GX82
	1,9 dCi 100	1,9	74		4	12	09/02>	/	GX82
PRIMERA	1,9 dCi HATCHBACK	1,9	88		4	12	04/03>	/	GX 82
	2.0 WAGON	2.0		CD20	4	12	91>	JA261NI	GJ261NI
	2,0 D (P10E)	2.0	55	CD20	4	12	01/91>06/96	JA261NI	GJ261NI
	2,0 D (W10)	2.0	55	CD20	4	12	07/90>04/96	JA261NI	GJ261NI
	2,0 TD	2.0	66	CD20T	4	12	09/96>	JA261NI	GJ261NI
	2,2 Di	2,2	93		4	12	03/02>	/	GJ262NI
	2,2 dCi	2,2	102		4	12	04/03>	O	O
PULSAR	1,7 D (N13)	1.7	41	CD17	4	12	06/86>08/90	JA59NI	GJ59NI
	1,7 D	1.7		CD17	4	12	6/88>	JA59NI	GJ59NI
	1,7 D	1.7		CD17 QGS TYPE1, 2	4	12	10/82>9/85	JA69NI	GJ69NI
	1,7 D	1.7		CD17 QGS TYPE1, 2	4	12	9/85>5/88	JA69NI	GJ69NI
N 12	1,7 D	1.7		CD17	4	12	\	JA59NI	GJ59NI
	1,7 D	1.7		CD17 QGS TYPE1, 2	4	12	10/82>	JA69NI	GJ69NI
REGULUS				KH-JTR50 ZD30DDTi (NE Di)		12	02/99>	/	GJ264NI
SAFARI				KH-WTY61 ZD30DDTi (NE Di)		12	02/99>	/	GJ264NI
SERENA	2.0 D	2.0	49	GX3	4	12	11/94>	JA59NI	GJ59NI
	2.3 D(C23M)	2.3	49	LD20 OHC	4	12	07/92>09/94	JA59NI	GJ59NI
	2.3 D	2.3	55	LD23 OHC	4	12	11/94>	JA260NI	GJ260NI
	2.5 D	2,5			4	12		/	GJ262NI
SENTRA	1.7 D	1.7		CD17	4	12	87>	JA59NI	GJ59NI
	1.7 D	1.7		CD17 QGS TYPE1,2	4	12	10/82>84	JA69NI	GJ69NI
SKYLINE	2.0 D	2.0		LD20	4	12	6/80>9/81	JA78NI	GJ75NI
	2.0 D	2.0		LD20 QGS TYPE1, 2	4	12	10/81>	JA82NI	GJ75NI
	2.8 D	2.8		LD28	6	12	6/80>9/81	JA78NI	GJ75NI
	2.8 D	2.8		LD28 QGS TYPE1, 2	6	12	8/81>	JA82NI	GJ75NI
STANZA	2.0 D	2.0		LD20	4	12	86>	JA59NI	GJ59NI
SUNNY	1,7 D (Y10, N13)	1,7	40	CD17>	4	12	05/86>04/98	JA59NI	GJ59NI
	1.7 D (B11)	1.7	40	CD17 QGS TYPE1, TYPE2	4	12	10/82>84	JA69NI	GJ69NI
	2,0 D (Y10, N14)	2.0	55	CD20	4	12	10/90>05/95	JA261NI	GJ261NI
TERRANO	2.5 TD	2.5		TD25	4	12	8/87>	JA86NI	GJ55MI
	2.7 TD	2,7	62	TD27	4	12	8/87>	JA86NI	GJ55MI
	2.7 TD	2,7	73	TD27T	4	12	2/89>10/93	JA260NI	GJ260NI

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
NISSAN									
TERRANO II	2.7 TD	2,7	74	TD27T	4	12	2/93>01/02	/	GJ263NI
	2,7 TDI	2,7	92	TD27TI	4	12	5/96>2/97	JA260NI	GJ260NI
	2,7 TDI	2,7	92	TD27TI	4	12	05/96>	/	GJ263NI
	3.0 DDTi	3,0	113	KH-TR50 ZD30DDTi (NE Di)	4	12	02/99>	/	GJ264NI
	3,0 Di	3,0	113		4	12	05/02>	/	GJ264NI
TRADE	2,8 D	2,8	57	A428II	6	12	3/87>11/89	SX74	GX74
	3,0 D	3,0	63	BD30II	4	24	01/94>12/98	O	O
URVAN	2.0 D	2.0		LD20T QGS TYPE1	4	12	5/82>	JA82NI	GJ75NI
	2.2 D	2.2		SD22	4	24	3/78>	/	GJ80NI
	2.2 D	2.2		SD22	4	12	3/78>	JA72NI	GJ84NI
	2.3 D	2.3		SD23	4	24	5/82>	JA65NI	/
	2.3 D	2.3		SD23 QGS TYPE1	4	12	5/82>	JA73NI	GJ84NI
	2.3 D	2.3		TD23	4	12	3/87>	JA86NI	GJ55MI
	2.5 D	2.5		TD25	4	12	93>	JA86NI	GJ55MI
	2.7 D	2.7		TD27	4	12	88>	JA86NI	GJ55MI
VANETTE	2.0 D	2.0		CD20	4	12	91>	JA261NI	GJ261NI
	2.0 D	2.0		LD20	4	12	6/81>9/82	JA78NI	GJ75NI
	2.0 D	2.0		LD20	4	12	87>	JA59NI	GJ59NI
	2.0 D	2.0		QGS TYPE1, 2 LD20	4	12	9/82>86	JA82NI	GJ75NI
	2.0 D (C220)	2.0	44	LD20II OHV	4	12	04/87>11/94	JA59NI	GJ59NI
	2,0 D (C220)	2.0	47-49	LD20IIL	4	12	01/91>11/94	JA59NI	GJ59NI
	2.0 D	2.0	47-49	LD20 OHC	4	12	09/86>03/95	JA59NI	GJ59NI
				KF-SK22VN, TN, LN / KJ-SK22VN, TN	4	12	6/99>	/	GJ1300MA
				KG-SK22VN, MN, LN	4	12	6/99>	/	GJ1300MA
VANETTE CARGO	2,0 D	2.0	49	LD20 OHC	4	12	07/92>09/94	JA59NI	GJ59NI
WAGON	1.7 D	1.7		CD17	4	12	93>	JA59NI	GJ59NI
	2.0 D	2.0		CD20	4	12	91>	JA261NI	GJ261NI
X-TRAIL	2,2 D	2,2	84	YD22ETi	4	12	07/01>	/	GJ262NI
	2,2 D	2,2	100		4	12	12/03>	/	GJ262NI
OLDSMOBILE									
98		5.7		I DIESEL V8 N	8	12	79>83	US565CH	GUS565CH
		5.7		I DIESEL V8 N	8	12	78	US565CH	GUS565CH
CIERA		4.3		I DIESEL V6 T,V	6	12	82>83	US565CH	GUS565CH
CUSTOM CRUISER		5.7				12	81>84	US565CH	GUS565CH
CUTLASS		4.3		I DIESEL V6 T,V	6	12	79>83	US565CH	GUS565CH
		4.3		I DIESEL V8 P	8	12	79	US565CH	GUS565CH
		5.7		I DIESEL V8 N	8	12	79>83	US565CH	GUS565CH
DELTA 88		5.7		I DIESEL V8 N	8	12	79>83	US565CH	GUS565CH
		5.7		I DIESEL V8 N	8	12	78	US566CH	GUS566CH
ENGINE		4,3		4.3L (T) 6 CYL.	6	12	85	US567CH	GUS567CH
		4,3		4.3L (T) 6 CYL.	6	12	82>83	US565CH	GUS565CH
		4,3		4.3L (T,V) 6 CYL.	6	12	84>85	US567CH	GUS567CH
		5,7		5.7L (N) 8 CYL.	8	12	1/79>6/79	US566CH	GUS566CH
		5,7		5.7L (N) 8 CYL.	8	12	78	US566CH	GUS566CH

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
OLDSMOBILE									
ENGINE		5,7		5.7L (N) 8 CYL.	8	12	84>85	US567CH	GUS567CH
		5,7		5.7L (N) 8 CYL.	8	12	6/79>83	US565CH	GUS565CH
TORONADO		5.7		I DIESEL V8 N	8	12	79>83	US565CH	GUS565CH
OPEL									
AGILA	1,3 CDTI	1,3	51	Z13 DT	4	12	08/03>	/	GX4119
ARENA	1.9 D (THB, TB, TF)	1.9	44	F8Q-600/606	4	12	3/98>	SX94	GX94
	2.5 D	2.5	55	S8U-758	4	12	3/98>	SX74	GX74
ASCONA	B 2.0 D	2.0	43-49	20 D (->MOT.90309)	4	12	8/78>10/79	AN600OP	/
	B 2.0 D	2.0	43-49	20 D (MOT. 90310->)	4	12	11/79>8/81	N76	GX74
	C 1.6 D	1.6	40	16 D,DA OHC	4	12	3/82>8/88	SR74	GX74
ASTRA	H 1,3 CDTI	1,3	66	Z 13 DTH	4	12	08/05>	/	GX4119
	H 1,3 CDTI GTC	1,3	66		4	12	01/06>	/	GX4119
	H 1,3 CDTI S.W.	1,3	66	Z 13 DTH	4	12	08/05>	/	GX4119
	1.7 D	1.7	42-44	17 D/DR OHC II	4	12	12/91>8/94	SR74	GX74
	1.7 DTL	1.7	50	X17 DTL OHC	4	12	9/94>	SX74	GX74
	1,7 DTI 16V	1,7	55/75	4EE2	4	12	02/00>	/	GX145
	1,7 DTI 16V	1,7	59	Z 17 DTL	4	12	04/03>	/	GX145
	1,7 CDTI	1,7	59	Z 17 DTL	4	12	03/04>	/	GX145
	1.7 TD	1.7	60	ISUZU TC4 EE1 OHC	4	12	12/91>	JA26IS	GJ26IS
	1.7 TD	1.7	60	17 DT/TC4 EE1 OHC Mot. 956633->	4	12	12/91>02/98	JA29IS	GJ29IS
	1.7 TDS	1.7	60	17DT(TC4EE1), X17DT(TC4EE1)	4	12	03/92>09/98	JA29IS	GJ29IS
	1.7 TDS	1.7	60	17DT(TC4EE1), X17DT(TC4EE1)	4	12	12/91>01/98	JA29IS	GJ29IS
	1.7 XTD	1.7	60	17 DT/TC4 EE1 OHC Mot. 956633->	4	12	04/96>02/98	JA29IS	GJ29IS
	H 1,9 CDTI	1,9	74	Z 19 DT	4	12	09/05>	/	GX4151
	H 1,9 CDTI	1,9	88	Z 19 DT	4	12	09/05>	/	GX4151
	H 1,9 CDTI	1,9	110	Z 19 DTH	4	12	09/04>	/	GX4151
	H 1,9 CDTI 16V	1,9	74		4	12	01/06>	/	GX4151
	H 1,9 CDTI 16V	1,9	88	Z 19 DTJ	4	12	04/04>	/	GX4151
	H 1,9 CDTI CABRIO	1,9	110	Z 19 DTH	4	12	09/05>	/	GX4151
	H 1,9 CDTI GTC	1,9	74		4	12	01/06>	/	GX4151
	H 1,9 CDTI GTC	1,9	88	Z 19 DTJ	4	12	03/05>	/	GX4151
	H 1,9 CDTI GTC	1,9	110	Z 19 DTH	4	12	03/05>	/	GX4151
	H 1,9 CDTI S.W.	1,9	74	Z 19 DT	4	12	09/05>	/	GX4151
	H 1,9 CDTI S.W.	1,9	88	Z 19 DT	4	12	09/05>	/	GX4151
	H 1,9 CDTI S.W.	1,9	110	Z 19 DTH	4	12	09/04>	/	GX4151
	H 1,9 CDTI 16V .S.W.	1,9	88	Z 19 DTJ	4	12	08/04>	/	GX4151
	2.0 DI	2.0	60	X20DILC	4	12	98>	/	GX132
	2.0 DTI	2.0	74	Y20DTL,Y20DTH	4	12	8/99>	/	GX132
	2.0 DTI	2	60	X 20 DLC	4	12	09/97>02/98	SX126	GX126
	G- 2,2 DTI	2,2	92	Y 12 DTR	4	12	09/02>	/	GX135
BLITZ	2.1 D	2.1	44	PEUGEOT XDP 4/90	4	12	1/69>12/74	AN840KH	/
CAMPO	2.2 D PICK-UP	2.2	45	ISUZU 4 FD1	4	12	2/96>	JA28IS	GJ28IS
	2.5 D (TFR54)	2.5	56	4 JA1	4	12	08/91>06/94	JA24IS	GJ24IS
	2.5 TD (TFR54)	2.5	56	4 JA1T	4	12	07/94>	JA24IS	GJ24IS
	3.1 TD (TFR69)	3.1	80	4 JG2T	4	12	12/92>	JA26IS	GJ26IS

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
OPEL									
COMBO	1,3 CDTi 16V	1,3	51	Z 13 DT	4	12	10/04>	/	GX4119
	1,7 D	1,7	44	X17D 4EE1 X17D 4EE1	4	12	07/94>10/01	JA29IS	GJ29IS
	1,7 D	1,7	44	X17D 4EE1 OHC	4	12	04/96>	JA29IS	GJ29IS
	1,7 DI	1,7	44	17D 4EE1 OHC	4	12	07/94>	JA29IS	GJ29IS
	1,7 DI	1,7	48	Y 17 DTL	4	12	10/01>	/	GX145
	1,7 Dti	1,7	55	Y17DT	4	12	10/01>	/	GX145
CORSA	C 1,3 CDTi	1,3	51	Z 13 DT	4	12	06/03>	/	GX4119
	C 1,3 CDTi 16V FURGONATO	1,3	51	Z 13 DT	4	12	08/05>	/	GX4119
	1.5 D	1.5	37	ISUZU 15 D/4 EC1 AAD S.N. 804795->	4	12	90>93	JA28IS	GJ28IS
	1.5 D	1.5	37	ISUZU 15 D/4 EC1 AAD S.N.->804794	4	12	87>89	JA16IS	GJ28IS
	1.5 D	1.5	37	15D 4EC1 OHC	4	12	03/93>08/00	JA29IS	GJ29IS
	1.5 TD	1.5	49	17D 4EE1 X17D 4EE1	4	12	02/96>09/00	JA29IS	GJ29IS
	1.5 TD	1.5	49	15DT/T4,EC1 AADT OHC S.N->804794	4	12	88>89	JA22IS	GJ26IS
	1.5 TD	1.5	37	T4EC1 AADT OHC S.N.804795->	4	12	90>2/93	JA26IS	GJ26IS
	1.5 TD	1.5	49	15 TD T4EC1 OHC	4	12	03/93>08/00	JA29IS	GJ29IS
	1,5 XD	1.5	37	X 15D 4EC1 OHC	4	12	04/96>08/00	JA29IS	GJ29IS
	1,5 XTD	1.5	49	X15 TD 4EE1 OHC	4	12	04/96>08/00	JA29IS	GJ29IS
	1,7 D	1.7	44	X 17 D 4EE1 OHC	4	12	04/96>08/00	JA29IS	GJ29IS
	1,7 D	1.7	44	17 D 4EE1 OHC	4	12	87>89	JA16IS	GJ28IS
	1,7 DI 16V	1.7	65	4EE2	4	12	01/01>	/	GX145
	1,7DTi 16V	1.7	75	4EE2	4	12	01/01>	/	GX145
	1,7 Dti	1.7	55	Y17DT	4	12	10/01>	/	GX145
FRONTERA	2,8 TDI	2.8	83	C 4JG 2 OHV	4	12	2/95 > 8/98	JA24IS	GJ24IS
	B- 2.2 DTi	2.2	85	Y22DTH	4	12	10/98>9/02	/	GX135
	B- 2.2 DTi	2.2	85	X22DTH	4	12	10/98>9/02	/	GX135
	2.3 TD	2.3	74	23 DTR OHC	4	12	9/91>2/95	SR74	GX74
	2.5 TDI	2.5	85	25 TD/TDS OHC	4	12	6/96>	SX97	GX97
	2,8 TDI	2.8	83	28TD	4	12	3/95>9/98	/	GX132
KADETT	D 1.6 D	1.6	40	16 D OHC	4	12	3/82>8/84	SR74	GX74
	E 1.5 D	1.5	37	ISUZU 4 EC1 S.N. 804795	4	12	9/84>8/91	JA28IS	GJ28IS
	E 1.5 D	1.5	37	ISUZU 4 EC1 S.N.->804794	4	12	9/84>8/91	JA16IS	GJ28IS
	E 1.5 TD	1.5	53	ISUZU TC4,EC1 OHC	4	12	9/88>8/91	JA22IS	GJ26IS
	E 1.6 D	1.6	40	16 D,DA,DHC	4	12	9/84>1/89	SR74	GX74
	E 1.7 TD	1.7	60	ISUZU TC4 EE1OHC S.N.->817252	4	12	9/88>8/91	JA22IS	GJ26IS
	E 1.7 TD	1.7	60	ISUZU TC4 EE1OHC S.N.817253->	4	12	9/88>8/91	JA26IS	GJ26IS
MERIVA	1,3 CDTi	1,3	55	Z 13 DTJ	4	12	09/03>	/	GX4119
	1,7 DTi	1,7	55	Y17DT	4	12	09/02>	/	GX145
	1,7 CDTi	1,7	74	Y17DTL - Z17DTL	4	12	09/03>	/	GX145
MONTEREY	3,0 TDI	3,0	117	4JX1	4	12	07/98>08/99	/	GJ1143IS
	3.1 TD	3.1	85	ISUZU 4 JG2 TC OHV	4	12	9/91>4/93	JA26IS	GJ26IS
MOVANO	1.9 DTi	1.9	59	F9Q-770	4	12	12/99>	/	GX82
	1.9 DTi	1.9	59	F9Q-770	4	12	09/00>10/01	/	GX82
	1,9 DTi	1.9	60	F9Q-774	4	12	10/01>	/	GX82
	2,2 DTi	2.2	66	G9T 720	4	12	09/00>	/	GX 150
	2.5 D	2.5	59	S8U772	4	12	7/98>	SX68	GX68
	2,8 DTi	2.8	84	S9W 702	4	12	1/99-10/01	TF 180	/

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
OPEL									
OMEGA	A 2.3 D	2.3	54	23 YD OHC	4	12	9/86>3/94	SR74	GX74
	A 2.3 TD	2.3	66-74	23 DTR OHC,23 YDT OHC	4	12	9/86>3/94	SR74	GX74
	B 2.0 DI	2.0	60	X 20 DILC	4	12	9/96>8/97	SX126	GX126
	B 2.0 DI	2.0	74	X 20 DILC	4	12	9/97>	/	GX132
	B 2.5 TD	2.5	96	BMW U25 TD OHC R6	6	12	1/94>	SX77	GX74
	B 2,5 DTI 24V	2,5	110	Y 25 TD	6	12	09/01>	/	GX106
	C 2,0 DTI	2,0	74	X20DTH	4	12	02/98>	/	GX132
	C 2,0 DTI 16V	2,0	74	Y 20 DTH	4	12	9/99>	/	GX135
	C 2,2 DTI 16V	2,2	88	Y 22 DTR	4	12	10/00>7/03	/	GX135
REKORD	D 2.0 D	2.0	40-43	20 D	4	12	8/74>12/75	AN650OP	/
	D 2.0 D	2.0	40-43	20 D	4	12	1/76>8/77	AN600OP	/
	D 2.1 D	2.1	44	21 D	4	12	9/72>8/77	AN600OP	/
	D 2.1 D CARAVAN	2.1	44	21 D	4	12	9/72>8/77	AN600OP	/
	E 2.0 D	2.0	40-43	20 D	4	12	9/77>10/79	AN600OP	/
	E 2.0 D	2.0	40-43	20 D	4	12	11/79>10/82	SR74	GX74
	E 2.1 D	2.1	44	21 D	4	12	9/77>7/78	AN600OP	/
	E 2.3 D	2.3	48-52	23 D	4	12	11/82>8/86	SR74	GX74
	E 2.3 D	2.3	48-52	23 D	4	12	8/78>10/79	AN600OP	/
	E 2.3 D	2.3	48-52	23 D	4	12	11/79>10/82	SR74	GX74
	E 2.3 TD	2.3	63	23 DT	4	12	6/84>8/86	SR74	GX74
SENATOR	2.0 D	2.0		S.N. 90310->	4	12	80>	N76	GX74
	2.0 D	2.0		S.N.->90309	4	12	>79	AN600OP	/
	2.3 D	2.3	70	S.N. 40019->	4	12	81>	SR74	GX74
	2.3 D	2.3	64	S.N.->40018	4	12	>80	AN600OP	/
	2.3 TD	2.3	64	S.N. 121527->	4	12	81>	SR74	GX74
SIGNUM	1,9 CDTI	1,9	88	Z 19 DT	4	12	04/04>	/	GX4151
	1,9 CDTI 16V	1,9	110	Z 19 DTH	4	12	04/04>	/	GX4151
	2,0 DTI	2,0	74	Y 20 DTH	4	12	05/03>	/	GX135
	2,2 DTI	2,2	92	Y 22 DTR	4	12	05/03>	/	GX135
	3,0 V6 CDTI	3,0	130	Y 30 DT	6	12	05/03>	O	O
	3,0 V6 CDTI	3,0	135	Z 30 DT	6	12	09/05>	O	O
SINTRA	2,2 TDI	2,2	85	X22DTH	4	12	1/98 >	/	GX132
TIGRA	1,3 CDTI TWIN TOP	1,3	51	Z 13 DT	4	12	06/04>	/	GX4119
VECTRA	A 1.7 D	1.7	42-44	17D OHC II S.N. S1003315,S7502800	4	12	9/94>8/95	SX74	GX74
	A 1.7 D	1.7	42	17D OHC II S.N.->S1003314,S7502799	4	12	10/88>8/94	SR74	GX74
	A 1,7 TD	1,7	60	X17DT Isuzu TC4EE1	4	12	10/92>8/95	JA29IS	GJ29IS
	A 1.7 TD	1.7	60	ISUZU 17DT/TC4 EC1,X17DT	4	12	3/80>9/92	JA28IS	GJ28IS
	A 1.7 TD	1.7	60	ISUZU 17DT/TC4 EC1,X17DT	4	12	10/92>08/95	JA29IS	GJ29IS
	A 1.7 XTD	1.7	60	X 17 TD OHC Turbo <TC4 EE1>	4	12	09/95>	JA29IS	GJ29IS
	B 1.7 TD	1.7	60	X17DT TC4EE1	4	12	10/95>12/98	JA29IS	GJ29IS
	B 1.7 XTD	1.7	60	X 17 TD OHC Turbo <TC4 EE1>	4	12	09/95>	JA29IS	GJ29IS
	B 2.0 DTI	2.0	74	X 20 DILC	4	12	9/97> 4/02	/	GX135
	B 2.0 DTL	2.0	60	X 20 DTL OHC 16V	4	12	9/96>04/02	SX126	GX126
	B 2,2 TDI 16V	2,2	92	Y 22 DTR	4	12	08/00>4/02	/	GX135
	C 1,9 CDTI	1,9	74	Z 19 DTH	4	12	10/05>	/	GX4151
	C 1,9 CDTI	1,9	88	Z 19 DT	4	12	04/04>	/	GX4151

APPLICATION LIST

O-P

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
OPEL									
VECTRA	C 1,9 CDTI	1,9	110	Z 19 DTH	4	12	04/04>	/	GX4151
	C 1,9 CDTI, GTS	1,9	74	Z 19 DTH	4	12	10/05>	/	GX4151
	C 1,9 CDTI, GTS	1,9	88	Z 19 DT	4	12	04/04>	/	GX4151
	C 1,9 CDTI, GTS	1,9	110	Z 19 DTH	4	12	04/04>	/	GX4151
	C 1,9 CDTI S.W.	1,9	74	Z 19 DTH	4	12	10/05>	/	GX4151
	C 1,9 CDTI S.W.	1,9	88	Z 19 DT	4	12	04/04>	/	GX4151
	C 1,9 CDTI S.W.	1,9	110	Z 19 DTH	4	12	04/04>	/	GX4151
	C 2,0 DTI	2,0	74	Y 20 DTH	4	12	04/02>	/	GX135
	C 2,2 DTI	2,2	92	Y 22 DTR	4	12	04/02>	/	GX135
	C 3,0 CDTI	3,0	130	Y 30 DT	6	12	06/03>	O	O
	C 3,0 CDTI	3,0	135	Z 30 DT	6	12	08/05>	O	O
VIVARO	1.9 DI	1,9	60	F9Q-774	4	12	08/01>	/	GX82
	1.9 DTI	1,9	60-74	F9Q-770	4	12	12/99>	/	GX82
	2,5 DTI	2,5	99		4	12	05/03>	/	GX150
ZAFIRA	C 1,9 CDTI	1,9	74	Z 19 DT	4	12	07/05>	/	GX4151
	C 1,9 CDTI	1,9	88	Z 19 DT	4	12	07/05>	/	GX4151
	C 1,9 CDTI	1,9	110	Z 19 DTH	4	12	07/05>	/	GX4151
	2,0 DI 16V	2,0	60	X 20 DTL	4	12	10/99>	/	GX 132
	2,0 DTI 16V	2,0	74	Y20DTH, Y20DTL	4	12	09/00>	/	GX135
	2.2 DTI 16V	2.2	92	Y20DTH, Y20DTL	4	12	01/02 >	/	GX135
ORESTEIN & KOPPEL									
MOTRAK S 10				KHDF1L411D	1	12		AN1186FD	/
MOTRAK S 16				KHDF2L411D	2	12		AN1186FD	/
RADLADER L 4				KHDF2L411D	2	12		AN1186FD	/
RADLADER L 5				KHDF2L411D	2	12		AN1186FD	/
RADLADER L 5 C				KHDF2L511D	2	12		AN1186FD	/
OTOSAN									
PICK-UP	600 D	1.9		ERK 1.9	4	12		SR74	GX74
PERKINS									
4,108	4,108			ED...U61958N		12		W300	/
2-2 1/2 Ton Fork Lift Truck				Perkins D3-152 (1)		12	01/70>	TA50E	/
				Perkins 4-107 (1)		12	01/70>	TA50E	/
Bedford CF Van	Float Engine			Perkins 4-108 (V)		12	01/71>	TA50E	/
				Perkins 4-154 (V)		12	01/71>	TA50E	/
Beet Harvester				.4-99, -107, -108, -192, -203, -236		12	01/70>12/71	TA50E	/
				3-144, -152		12	01/70>12/71	TA50E	/
				6 Pf 288, 305		12	01/70>12/71	TA50E	/
				6-354		12	01/70>12/71	TA50E	/
				P3, P359		12	01/70>12/71	TA55E	/
				P4, P459		12	01/70>12/71	TA55E	/
				P6, P659		12	01/70>12/71	TA55E	/
				Perkins 6-372 (TA)		12	01/70>12/71	TA50E	/

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
PERKINS									
DFG4L Fork Lift Truck/Industrial				Perkins 4-236 (1)		12	01/70>	TA50E	/
General				Perkins 6-354 (1)		12	01/69>12/70	TA50E	/
Inc. Marine				Perkins H6-354(M)		12	01/71>	TA50E	/
Industrial				Perkins 4-248 (1)		12	01/71>	TA50E	/
				Perkins 6-354.2		12	01/70>12/71	TA50E	/
				Perkins 6-372		12	01/71>	TA50E	/
				Perkins A4-248		12	01/70>	TA50E	/
				Perkins D4-203 (1)		12	01/70>	TA50E	/
Jeepney Bus				Perkins 4-108 (V)		12	01/69>	TA50E	/
Loading Shovel				Perkins 6-354 (1)		12	01/69>	TA50E	/
Marine				Perkins 4-108 M		12	01/69>	TA50E	/
Refrigeration Unit				Perkins 4-107 (A)		12	01/69>	TA50E	/
Tractor Conversation Engine				Perkins T6-354		12	01/69>	TA50E	/
Vehicle				Perkins 6-354 (V)		12	01/70>	TA50E	/
				WELLMAN EQUIPED		12		W300	/
PEUGEOT									
J 5	1.9 D	1.9	51	XUD9A	4	12	11/87>	SR74	GX74
	2.5 D	2.5	54-55	CRD93	4	12	9/81>	SR74	GX74
	2.5 TD	2.5	70	CRD93LS	4	12	7/87>	N76	GX74
J 7	2.0 D	2.0	44	XDP88	4	12	10/67>9/78	AN840KH	/
	2.1 D	2.1	55	XDP90	4	12	10/70>9/78	AN840KH	/
	2.3 D	2.3	49	XD2P94	4	12	10/78>9/80	SR74	GX74
J 9	2.1 D	2.1	41	XDP4.90	4	12	10/80>	SR74	GX74
	2.3 D	2.3	49	XD2P	4	12	10/80>	SR74	GX74
	2.5 D	2.5	53	XD3P	4	12	10/82>	SR74	GX74
P4	2,5 D	2,5	56	XD3	4	24	10/86>12/93	N75	/
106	1.4 D	1.4	37	TUD3/L	4	12	10/92>	SX66	GX66
	1,5 D	1,5	40-42	VJZ, VJY	4	12	01/95>	SX90	GX90
	1.5 D	1,5	40	TUD5	4	12	3/94>	SX89	GX89
	1.4 D XND, XRD, XTD	1.9	36	TUD3 [K9A][K9B] (37 / 50)	4	12	10/92>04/96	SX66	GX66
	1.4 D XND, XRD, XTD	2.1	43-48	TUD3 L [K9Y] (37 / 50) < Catalysé >	4	12	10/92>04/96	SX66	GX66
	1.5 D	2.1	43-48	TUD5 [VJY] (40 / 54)	4	12	03/94 >	JA28IS	GJ28IS
	1.5 D	2.1	48	TUD5 B [VJX][VJU] (40 / 54)	4	12	09/00 >	JA28IS	GJ28IS
	1.5 D	2.3	47-51	TUD5 L [VJZ] (42 / 57)	4	12	03/94 >	JA28IS	GJ28IS
107	1,4 HDI	1,4	40		4	12	06/05>	/	GX4118
204	1.3 D	1.3	29	XLD	4	12	7/67>7/73	AN450PG	/
	1.4 D	1.4	33	XL4D	4	12	7/73>7/77	AN450PG	/
205	1.8 D	1.8	44	XUD7 (A9A,161A)	4	12	10/83>	SR74	GX74
	1.8 TD	1.8	58	XUD7T (A8A,A8B)	4	12	7/85>	SR74	GX74
	1.9 D	1.9	47-51	XUD9/XUD9A	4	12	10/87>9/98	SX74	GX74
206	1,4 HDI	1,4	50	8HX (DV4TD)	4	12	09/01>	/	GX4118
	1,4 HDI S.W.	1,4	50	8HX (DV4TD)	4	12	07/02>	/	GX4118
	1,6 HDI FAP 110, S.W.	1,6	80	9HY (DV6TED4)	4	12	05/04>	/	GX4118
	1,6 HDI CC FAP 110	1,6	80	9HZ (DV6TED4)	4	12	04/05>	/	GX4118

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
PEUGEOT									
206	1,8 TD	1.8	66	DW8TD	4	12	09/98>	SX90	GX90
	1.9 D	1.9	51	WJZ (DW 8)	4	12	9/98>	SX90	GX90
	2.0 HDI	1.9	66	DW10 TD, RHY	4	12	4/99>	SX107	GX107
207	1,4 HDI	1,4	50		4	12	02/06>	/	GX4118
	1,6 HDI	1,6	66		4	12	02/06>	/	GX4118
	1,6 HDI	1,6	80		4	12	02/06>	/	GX4118
304	1.4 D	1.4	30-33	XL4D	4	12	8/76>8/79	AN450PG	/
	1.5 D	1.5	32-35	XIDL	4	12	2/79>8/80	N76	GX74
305	1.5 D	1.5	32-36	XID	4	12	2/79>	SR74	GX74
	1.6 D	1.6	32-36	XD	4	12	11/77>	SR74	GX74
	1.7 D	1.7	44	XUD7	4	12	10/82 > 6/88	SR74	GX74
	1.9 D	1.9	47-48	XUD9	4	12	10/82 > 7/90	SR74	GX74
306	1.8 D	1.8	44	XUD7	4	12	9/98>	SX74	GX74
	1.8 TD	1.8		DW8TD	4	12	09/98>	SX90	GX90
	1.9 D	1.9	51	DW8	4	12	9/98>	SX90	GX90
	1.9 D	1.9	51	XUD9A/L, XUD9BSD	4	12	5/93>	SX74	GX74
	1.9 TD	1.9	55	DHV	4	12	6/98>	SX90	GX90
	1.9 TD	1.9	68	XUD9TE	4	12	3/93>	SX74	GX74
	2.0 HDI	2.0	66-80	DW 10 TD	4	12	9/98>	SX107	GX107
307	1,4 HDI	1,4	50	8HX (DV4TD), 8HZ (DV4TD)	4	12	10/01>	/	GX4118
	1,4 HDI BREAK	1,4	50	8HZ (DV4TD)	4	12	03/02>	/	GX4118
	1,6 HDI	1,6	66		4	12	01/06>	/	GX4118
	1,6 HDI BREAK	1,6	66		4	12	01/06>	/	GX4118
	1,6 HDI 110 FAP	1,6	80	9HY (DV6TED4)	4	12	02/04>	/	GX4118
	1,6 HDI 110 FAP BREAK	1,6	80	9HY (DV6TED4)	4	12	02/04>	/	GX4118
	1,6 HDI 110 FAP S.W.	1,6	80	9HY (DV6TED4)	4	12	02/04>	/	GX4118
	2.0 HDI	2.0	66	DW 10 TD	4	12	03/01>	SX107	GX107
	2.0 HDI	2.0	81	DW10ATED4	4	12	03/01>	SX107	GX107
	2.0 HDI (3A/C) 135 FAP	2,0	100	RHR (DW10BTED4)	4	12	10/03>	/	GX117
	2,0 HDI BREAK (3E) 135 FAP	2,0	100	RHR (DW10BTED4)	4	12	02/04>	/	GX117
	2,0 HDI CC (3B) 135 FAP	2,0	100	RHR (DW10BTED4)	4	12	06/05>	/	GX117
	2,0 HDI SW (3H) 135 FAP	2,0	100	RHR (DW10BTED4)	4	12	02/04>	/	GX117
309	1.6 D	1.6	40	TUD5	4	12	3/94>	SX89	GX89
	1.8 D	1.8	44	XUD7	4	12	6/86>12/93	SR74	GX74
	1.8 TD	1.8	58	XUD7T	4	12	11/89>12/93	SR74	GX74
	1.9 D	1.9	47	XUD9,XUD9Y	4	12	6/86>12/93	SR74	GX74
404	1.9 D	1.9	39-47	XD4/88	4	12	10/67>6/75	AN840KH	/
405	1.8 D	1.8	44	XUD7	4	12	10/90>12/92	SX74	GX74
	1.8 TD	1.8	66	XUD7TE(A8A,A8B),XUD7TEY(AJZ)	4	12	3/88>12/92	SX74	GX74
	1.9 D	1.9	51	XUD9A(D9B)/L	4	12	9/98>	SX74	GX74
	1.9 D	1.9	47	XUD9Y	4	12	7/88>12/92	SX74	GX74
	1.9 D	1.9	50	XUD9Y(D9B)	4	12	7/94>	SX74	GX74
	1.9 TD	1.9	68	XUD9TE KATAL.(DHY),XUD9TF(D8A)	4	12	9/93>	SX74	GX74
406	1.9 D	1.9	51	XUD9SD, XUD9BSD	4	12	9/98>	SX74	GX74
	1.9 TD	1.9	68	XUD9BTf	4	12	9/98>	SX74	GX74
	1.9 TD	1.9	68	XUD9TE	4	12	10/95>8/98	SX74	GX74

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
PEUGEOT									
406	2,0 TD	2,0	80	DW10TD (RHZ)	4	12	9/98>	SX107	GX107
	2,0 D	2,0	80	DW10TED (RHZ)	4	12	9/98>	SX107	GX107
	2,0 HDI	2,0	66	DW10TD	4	12	2/99>	SX107	GX107
	2,0 HDI	2,0	79	DW10ATED4	4	12	08/01>	SX107	GX107
	2,0 HDI	2,0	80	RHZ (DW10ATED)	4	12	9/98>3/99	SX107	GX107
	2,1 TD	2,1	80-81	XUD11ATE, XUD11BTE	4	12	12/95>3/99	SX74	GX74
	2,2 HDI	2,2	100	DW12TED4/FAP	4	12	9/00>	SX107	GX107
407	1,6 HDI, S.W.	1,6	80	9HY (DV6TED4)	4	12	05/04>	/	GX4118
	2,0 HDI 135 FAP	2,0	100	RHR (DW10BTED4)	4	12	05/04>	/	GX117
	2,0 SW HDI 135 FAP	2,0	100	RHR (DW10BTED4)	4	12	05/04>	/	GX117
504	1.9 D	1.9	36-42	XD 4.88	4	12	4/71>5/78	AN820KH	/
	1.9 D	1.9	36-42	XD 4.88	4	12	6/78>9/79	N76	GX74
	1.9 D PICK-UP	1.9	36	XD 4.88 S.N. S 3680625->	4	12	1/82>6/87	SR74	GX74
	1.9 D PICK-UP	1.9	36	XD 4.88 S.N.->S 3680624	4	12	10/79>12/81	SR74	GX74
	2.1 D	2.1	43-48	XD 4.90	4	12	10/70>5/78	AN820KH	/
	2.1 D	2.1	43-48	XD 4.90	4	12	6/78>9/81	N76	GX74
	2.1 D PICK-UP	2.1	48	XD 4.90 (115)	4	12	8/81>12/90	SR74	GX74
	2.3 D	2.3	47-51	XD2	4	12	8/76>5/78	AN820KH	/
	2.3 D	2.3	47-51	XD2	4	12	6/78>6/83	SX74	GX74
	2.3 D PICK-UP	2.3	51	XD2	4	12	7/84>	SX74	GX74
505	2.3 D	2.3	44-51	XD2	4	12	9/79>9/86	SR74	GX74
	2.3 TD	2.3	54-59	XD2S	4	12	9/80>6/86	SR74	GX74
	2.5 D	2.5	51-56	XD3	4	12	6/81>12/93	SR74	GX74
	2.5 TD	2.5	66-77	XD3T	4	12	10/83>12/93	SR74	GX74
	2.5 TD	2.5	77	XD3TE	4	12	10/86>12/93	SR74	GX74
604	2.3 TD	2.3	54-59	XD2S, XD2D	4	12	2/79>6/83	SR74	GX74
	2.5 TD	2.5	66-70	XD3T	4	12	7/83>6/86	SR74	GX74
605	2.1 D	2.1	60	XUD11A/L	4	12	6/89>	SX74	GX74
	2.1 TD	2.1	80	XUD11ATE/L,XUD11BTE	4	12	6/89>10/96	SX74	GX74
	2.1 TD	2.1	80-81	XUD11BTE	4	12	4/98>5/99	SX74	GX74
	2.5 TD	2.5	94-96	DK5ATE (THY)	4	12	7/94>	SX74	GX74
607	2.2 HDi	2.2	98	DW12TED4/FAP	4	12	3/00>	SX107	GX107
	2,0 HDI (9D, 9U)	2,0	100	RHR (DW10BTED4)	4	12	09/05>	/	GX117
	2,7 HDI (9D, 9U) 24V	2,7	150	DT17TED4	6	12	12/04>	/	GX4126
806	1.9 TD	1.9	68	XUD9TE, XUD9TF, XUD9BTF	4	12	94>9/98	SX74	GX74
	2,0 D	2,0	80	DW10ATED	4	12	9/98>	SX107	GX107
	2,0 HDI	2,0	80	DW10ATED (RHZ)	4	12	08/99>	SX107	GX107
	2.1 TD	2.1	80	XUD11BTE, XUD11ATE	4	12	4/96>	SX74	GX74
807	2,0 HDI	2	78	DW10ATED4	4	12	06/02>	SX107	GX107
	2,2 HDI	2,2	94	DW12TED4/FAP	4	12	06/02>	SX107	GX107
1007	1,4 HDI	1,4	50	8HX (DV4TD), 8HZ (DV4TD)	4	12	04/05>	/	GX4118
BOXER	1.8 D	1.8	44	XUD7	4	12	9/98>	SX74	GX74
	1.9 D	1.9	51	XUD9AU	4	12	3/94>	SX74	GX74
	1.9 TD	1.9	60	XUD9TFU, XUD9TF	4	12	3/94>	SX74	GX74
	2,0 D	2,0	80	DW 10 TED, DW 10 DU	4	12	9/98>	SX107	GX107
	2,0 HDI	2,0	69	RHZ	4	12	7/00>	SX107	GX107

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
PEUGEOT									
BOXER	2,2 HDI	2,2	74		4	12	04/02>	SX107	GX107
	2.4 TDI	2.4	79	DJ 5 TED	4	12	1/97>	SX120	GX120
	2.5 D	2.5	63	DJ5	4	12	3/94>	SX74	GX74
	2.5 TD	2.5	76	DJ5T	4	12	3/94>8/96	SX74	GX74
	2.5 TDI	2.5	76	DJ 5 TED	4	12	9/96>	SX120	GX120
	2,8 HDI	2,8	94	8140.43S	4	12	11/00>	SX79	GX79
EXPERT	1.8 D, TD	1.8	51-66	DW 8, TD	4	12	9/98>	SX90	GX90
	1.9 D	1.9	51	XUD9A	4	12	9/95>	SX74	GX74
	1.9 TD	1.9	66-68	XUD9TE, TF, BTF	4	12	9/95>	SX74	GX74
	1.9 D	1.9	51	WJZ (DW 8)	4	12	9/98>	SX90	GX90
	2.0 HDI	2.0	69	RHZ	4	12	7/00>	SX107	GX107
	2,0 HDI	2,0	80	DW10 ATED, BTED	4	12	10/99>	SX107	GX107
PARTNER	1.8 D	1.8	44	XUD7	4	12	8/96>	SX74	GX74
	1.8 D, TD	1.8	51-66	DW 8, TD	4	12	9/98>	SX90	GX90
	1.9 D	1.9	51	XUD9A	4	12	8/96>	SX74	GX74
	1.9 D	1,9	51	WJZ (DW 8)	4	12	11/98>	SX90	GX90
	1.9 D	1,9	52	WJY (DW 8B)	4	12	09/00>	SX90	GX90
	2,0 HDI	2	66	DW10TD	4	12	02/00>	SX107	GX107
RANCH	1,9 D	1,9	51	XUD9A	4	12	7/97>10/98	SX74	GX74
PIAGGIO									
APECAR, VESPACAR	0,5	0,5	11		1	12	83>	SR58	GX59
PORTER	1.2 D	1.2	26	Mot. LOMBARDINI LDW12	4	12	05/95>	SX74	GX69
POCLAIN									
18.01, 18,15			54	KHD-F 6 L 912		24	01/69>12/79	TF160	/
FC 30, FY 30			24	KHD-F 3 L 912		12	01/69>02/76	TF140	/
HC 300			201	KHD-F 12 L 413		24	01/73>02/76	TF150	/
LC 80,LY 80, LY 2P			54	KHD-F 6 L 912		24	01/69>06/76	TF160	/
MC 100, MCL 84			61	KHD-F 5 L 912		24	01/73>01/76	TF160	/
RC 200			115	KHD-F 6 L 413		24	01/73>11/76	TF150	/
RC 491, 556			115	KHD-F 6 L 413		24	01/73>	TF150	/
SC 141, 150			95	KHD-BF 6 L 912		24	01/73>09/76	TF160	/
TY 2P			38	KHD-F 4 L 912		12	01/69>01/80	TF140	/
TY 45			38	KHD-F 4 L 912		12	01/69>12/79	TF140	/
PONTIAC									
6000	4.3 D	4.3		I DIESEL V6 T	6	12	82>3	US565CH	GUS565CH
BONNEVILLE	5.7 D	5.7		I DIESEL V8 N	8	12	80>83	US565CH	GUS565CH
CATALINA						12		US565CH	GUS565CH
ENGINE	4.3 D	4.3		I DIESEL V6 T	6	12	82>83	US565CH	GUS565CH
	4.3 D	4.3		I DIESEL V6 T	6	12	84>85	US567CH	GUS567CH
	5.7 D	5.7		I DIESEL V8 N	8	12	80>83	US565CH	GUS565CH
	5.7 D	5.7		I DIESEL V8 N	8	12	84>85	US567CH	GUS567CH

APPLICATION LIST

P-R

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
PONTIAC									
GRAND PRIX	5.7 D	5.7		I DIESEL V8 N	8	12	81>83	US565CH	
LEMANS	5.7 D	5.7		I DIESEL V8 N	8	12	82>83	US565CH	
PARISIENNE						12		US565CH	
SAFARI						12		US565CH	
PROTON									
PERSONA 400/420	2.0 D	2.0	60		4		09/96>	JA57MI	GJ55MI
RENAULT									
AVANTIME	2,2 DCI	2,2	110	COOLING WATER HEATER		12	05/02>	/	GX82
	2,2 DCI	2,2	110		4	12	05/02>	/	GX150
	3.0 V6 DE04, DE0T)	2,9	152	L7X 720, L7X 721	4	12	09/01>05/03	/	GJ1136IS
CLIO	1.9 D	1.9	48	F8Q-676	4	12	10/94>	SX63	GX63
	1.9 D	1.9	47-48	F8Q-714, F8Q-730, F8Q-732	4	12	01/90>02/98	SX64	GX64
CLIO II	1.5 DCI	1.5	48	K9K-704	4	12	06/01>	/	GX82
	1.5 DCI	1.5	60	K9K-702, K9K-B7	4	12	06/01>		GX82
	1.5 DCI	1.5	48	K9K-700, K9K-704	4	12	06/01>	/	GX82
	1.9 D	1.9	47	F8Q-630,662	4	12	03/98>	SX94	GX94
	1.9 D	1.9	40-47	F8Q-632	4	12	03/99>	/	GX99
	1.9 TDI	1.9	72	F9Q-716	4	12	01/99>	SX84	GX84
	1.9 TDI	1.9	59	F9Q-780	4	12	02/00>	/	GX82
CLIO III	1.5 dCi	1.5	50	K9K 768	4	12	06/05>	/	GX82
ESPACE I	2,1 TD	2.1	65	J8S	4	12	10/84>10/90	R74	GX74
ESPACE II	2,1 TD	2.1	65-66	J8S	4	12	01/91>10/96	SX74	GX74
ESPACE III	1,9 DTI	1.9	72	F9Q-722	4	12	02/99>	/	GX82
	2,2 TD	2,2	83	G8T-714,716,760	4	12	11/96>10/00	SX84	GX84
	2,2 DCI	2,2	95	G9T-710	4	12	08/00>	/	GX150
ESPACE IV	1,9 DCI	1,9	88		4	12	11/02>	/	GX82
	2,2 DCI	2,2	110	G9T-702	4	12	11/02>	/	GX150
	3,0 DCI	3,0	130	P9X-701	6	12	11/02>	/	GJ1136IS
	3,0 DCI	3,0	133		6	12	01/06>	O	O
EXPRESS	1,6 EXTRA, RAPID	1.6	40	F8M	4	12	86>97	SX64	GX64
	1,9 EXTRA, RAPID	1.9	47-48	F8Q-640	4	12	9/94>	SX63	GX63
	1,9 EXTRA, RAPID	1.9	48	F8Q-774, 776, 730	4	12	9/91>	SX64	GX64
FUEGO	2,1 D	2.1		J8S	4	12	9/81>	R74	GX74
	2,1 TD	2.1	65	J8S	4	12	9/82>7/84	R74	GX74
GRAND SCENIC	1.5 dCi	1.5	74		4	12	04/04>	/	GX82
	1.9 dCi	1.9	81		4	12	05/05>	/	GX82
KANGOO	1,5 dCi	1,5	48	K9K-700	4	12	12/01>	/	GX82
	1.5 DCI	1.5	60	K9K-B7	4	12	07/02>	/	GX82
	1.9 D	1.9	40-47	F8Q-630 F8Q-632	4	12	03/98>	/	GX99
	1.9 D 55	1.9	40	F8Q-662	4	12	03/98>	SX94	GX94
	1.9 D 65	1.9	47	F8Q-630	4	12	03/98>	SX94	GX94
	1,9 dCi	1,9	59	F9Q 790	4	12	10/01>	/	GX82
	1.9 DTI	1.9	59	F9Q-780	4	12	03/98>	/	GX82

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
RENAULT									
LAGUNA I	1,9 DTI	1.9	72	F9Q-710, 716, 717, 718	4	12	10/97>3/01		GX82
	2,2 D	2.2	61	G8T	4	12	1/94>3/01	SX84	GX84
	2,2 TD	2.2	83-85	G8T-760	4	12	3/96>3/01	SX84	GX84
LAGUNA II	1,9 DCI	1.9	88	F9Q-750, 751, 752, 754	4	12	1/01>	/	GX82
	1,9 DCI	1.9	74	(BG0R)	4	12	10/01>	/	GX82
	1,9 DCI	1.9	77	(BG0E)	4	12	06/01>	/	GX82
	1,9 DCI	1.9	79	(B56W)	4	12	09/99>03/01	/	GX82
	2,2 DCI	2,2	102		4	12	05/05>	/	GX82
	2,2 DCI	2,2	110	G9T-702	4	12	10/01>	/	GX150
	2,2 D	2,2	99	G9T-710	4	12	3/01>	/	GX82
MASTER	1,9 DTI	1,9	59	F9QT-770	4	12	6/00>	/	GX82
	1,9 DCI	1,9	60		4	12	11/01>	/	GX82
	2,1 T30D	2.1	45	J8S	4	12	1/86>	R74	GX74
	2,2 DCI	2,2	66	G9T-722	4	12	09/00>	/	GX150
	2,4 T30D	2.4	52	SOFIM 8140.61	4	12	9/80>12/87	R74	GX74
	2,4 T35D	2.4	52-55	S8U-731,S8U-742	4	12	5/85>	R74	GX74
	2,4 T35D	2.4	52-55	S8V-748	4	12	5/85>	SX71	GX68
	2,4 T35D	2.4	52-55	SOFIM 8140.61	4	12	9/80>	R74	GX74
	2,5 D	2.5	59	S8U-770	4	12	7/98>	SX79	GX79
	2,5 DCI	2,5	84	G9U-720	4	12	10/01>	/	GX150
	2,5 P35D	2.5	52	SOFIM 8140.61.2300	4	12	9/80>01/89	SR74	GX74
	2,5 T28D	2.5	57	SOFIM - MOTOR	4	12	1/81>12/85	SX69	GX69
	2,5 T35D TURBO	2.5	69	S8V-748 TURBO	4	12	5/85>	SX68	GX68
	2,5 TDi	2.5	85	SOFIM 8140.27.2560	4	12	2/94>	TF170	/
	2,8 DTI	2.8	84	S9W-700, 702,714,740	4	12	9/97>	SX79	GX79
MEGANE	1,5 DCI	1,5	60	K9K-722	4	12	11/02>	/	GX82
	1,9 DCI	1.9	72-75	F9Q-731, 736	4	12	3/99>	/	GX82
	1,9 DCI	1.9	72-75	COOLING WATER HEATER	3	12	3/99>	/	WW68
	1,9 D	1.9	47-48	F8Q-620, 624	4	12	1/96>	SX63	GX63
	1,9 D	1.9	47	F8Q-622, 790	4	12	3/99>	/	GX99
	1,9 D	1.9	47	F8Q-788	4	12	3/99>	SX94	GX94
	1,9 DTI	1.9	72	F9Q-716, 718	4	12	3/99>	/	GX82
	1,9 DTI	1.9	59	F9QT-770	4	12	6/00>	/	GX82
	1,9 TD	1.9	66	F8Q-784, 786	4	12	1/96>	SX60	GX60
	1,9 TDI	1.9	66-69	F9Q-730, 734	4	12	1/96>	SX84	GX84
	1,9 TDI	1.9	66-69	COOLING WATER HEATER	3	12	1/96>	/	WW68
	1,9 Dci	1,9	88		4		09/03>	SX93	GX93
R 5	1,6 D	1.6	40	F8M	4	12	85>12/92	SX64	GX64
	1,6 D	1.6	40	F8M720, F8M730	4	12	10/84>	SX64	GX64
R 9	1,6 D	1.6	40	F8M	4	12	83>12/92	SX64	GX64
	1,6 D	1.6	40	F8M700, F8M720, F8M730	4	12	83>	SX64	GX64
R 11	1,6 D	1.6	40	F8M	4	12	83>12/92	SX64	GX64
	1,6 D	1.6	40	F8M700, F8M720, F8M730	4	12	83>	SX64	GX64
R 18	2,1 D	2.1	48	J8S	4	12	8/80>2/86	N76	GX74
	2,1 TD	2.1	50	J8S TURBO	4	12	5/81>2/86	R74	GX74

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
RENAULT									
R 19	1,9 D	1.9	48	F8Q	4	12	6/88>12/92	SR64	GX64
	1,9 D	1.9	48	F8Q706, F8Q742, F8Q764	4	12	6/88>	SR64	GX64
	1,9 TD	1.9	66-68	F8Q610, 740, 744, 768	4	12	9/90>	SX60	GX60
R 20	2,1 D	2.1	47		4	12	12/79>12/83	N76	GX74
	2,1 TD	2.1	63		4	12	9/82>12/83	R74	GX74
R 21	1,9 D,SD,GSD	1.9	48	F8Q	4	12	86>12/92	SX64	GX64
	1,9 D,SD,GSD	1.9	48	F8Q710	4	12	5/89>	SX64	GX64
	2,1 FASTBACK D	2.1	51-54	J8S	4	12	3/86>	R74	GX74
	1,9 FASTBACK D,SD,GSD	1.9	48	F8Q	4	12	86>12/92	SX64	GX64
	1,9 FASTBACK D,SD,GSD	1.9	48	F8Q710	4	12	5/89>	SX64	GX64
	2,1 FASTBACK TD	2.1	65	J8S TURBO	4	12	3/86>12/93	R74	GX74
	2,1 NEVADA D	2.1	49-54	J8S	4	12	3/86>	R74	GX74
	1,9 NEVADA D,SD,GSD	1.9	48	F8Q	4	12	86>12/92	SX64	GX64
	1,9 NEVADA D,SD,GSD	1.9	48	F8Q710	4	12	89>	SX64	GX64
	2,1 NEVADA TD	2.1	65	J8S TURBO	4	12	3/86>12/93	R74	GX74
	2,1 D	2.1	46-56	J8S	4	12	3/86>	R74	GX74
	2,1 TD	2.1	65-68	J8S TURBO	4	12	3/86>12/93	R74	GX74
R 25	2,1 D	2.1	46-51	J8S	4	12	1/84>12/92	R74	GX74
	2,1 TD	2.1	63	J8S TURBO	4	12	1/84>12/92	R74	GX74
R 30	2,1 D	2.1			4	12		N76	GX74
	2,1 TD	2.1	63	J8S TURBO	4	12	10/81>12/83	N76	GX74
RAPID	1,6 D	1.6	40	F8M 720,730,736,760	4		09/86>08/98	SX64	GX64
	1,9 D	1.9	40	F8Q 640, 682	4	12	09/94>03/98	SX63	GX63
SAFRANE	2,1 TD	2.1	65-66	J8S	4	12	92>	SX74	GX74
	2,2 TD	2.2	83	G8T 740	4	12	07/96>	SX84	GX84
	2,5 TD	2.5	83-85	S8U	4	12	5/93>	SX71	GX69
SCENIC	1,9 DCI	1.9	75		4	12	11/00>	/	GX82
	1,9 DCI RX4	1.9	75		4	12	11/00>	/	GX82
	1,9 DTI	1.9	72		4	12	09/99>	SX84	GX84
	1,9 DTI	1.9	59		4	12	02/01>	/	GX82
	1,9 DTI JA0N	1.9	72	F9Q 731, F9Q 734, F9Q 736	4	12	09/99>	/	WW68
SCENIC II	1,5 CDI	1.5	60		4	12	06/03>	/	GX82
	1,9 CDI	1.9	88		4	12	06/03>	/	GX82
THALIA	1,5 dCi	1.5	48	K9K 700	4		04/02>	/	GX82
TRAFIC	1,9 D	1.9	44	F8Q-606	4	12	3/98>	SX94	GX94
	1,9 DCI 80	1.9	60		4	12	03/01>	/	GX150
	1,9 DCI 100	1.9	74	F9Q 760	4	12	03/01>	/	GX150
	2,1 DP1000, 1200	2.1	43	852-750	4	12	9/80>10/97	R74	GX74
	2,1 DT800, 1000, 1200, 4X4	2.1	43	J8S	4	12	9/80>10/97	R74	GX74
	2,5 D	2.5	99			12	05/03>	/	GX150
	2,5 D	2.5	50	S8U-750, 752	4	12	1/89>12/95	SX68	GX68
	2,5 D	2.5	55	SOFIM 81.40.67.2500	4	12	3/90>10/97	R74	GX74
	2,5 D	2.5	52	SOFIM S8U	4	12	10/82>10/97	R74	GX74
TRAFIC II	1,9 dCi	1.9	74	F9Q 760	4	12	03/01>		GX82
	1,9 DCI 80	1.9	60	F9Q 762	4	12	03/01>		GX82
	1,9 dCi 100	1.9	74	F9Q 760	4	12	03/01>		GX82

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
RENAULT									
VEL SATIS	2,2 CDI	2,2	110	G9T-702	4	12	06/02>	/	GX150
	3,0 CDI	3,0	130	P9X-701	6	12	06/02>	/	GJ1136IS
	3,0 CDI	3,0	133		6	12	06/06>	O	O
WINNEBAGO	2.1 D	2.1	43-57	J8S-232,234	4	12	4/82>6/87	R74	GX74
25 KVA				Perkins 4-108 (1)		12	01/72>	TA50E	/
456, 460 Tractor				M.W.M. D 325-3		12	01/71>	TA60B	/
50/53 Tractor				M.W.M. D 325-2		12	01/71>	TA60B	/
51, 56, 60, 61, 70 Tractors				M.W.M. D 325-3		12	01/71>	TA60B	/
560 KG, 610 KG				Perkins 6-354		12	01/75>	TA50E	/
560 KG, 610 KG, 750 KG				Perkins 6-354.2		12	01/75>	TA50E	/
750 GL				Perkins 6-354.4		12	01/77>	TA60B	/
750 KG Truck				Perkins 4-236 (V)		12	01/60>	TA50E	/
80, 86 Tractor				M.W.M. D 325-3		12	01/71>	TA60B	/
94 Tractor				M.W.M. D 325-4		12	01/71>	TA60B	/
Coach				Perkins 6-354		12	01/67>12/68	TA50E	/
Farm Tractor				Perkins D3-152		12	01/73>12/75	TA60B	/
OK, O 5 K, 10 K				Perkins 4-236		12	01/73>	TA50E	/
OU, O5 U, 10 U Chassis				Perkins 4-236		12	01/73>	TA50E	/
PR 100 Bus				Perkins V8-510		12	01/72>	TA50E	/
PR 100 City Bus				Perkins V8-510		12	01/71>	TA50E	/
R 361 Tractor				M.W.M. D 325-3		12	01/75>	TA60B	/
S 1000				Perkins 6-354		12	01/70>12/75	TA50E	/
S 1000 + 5800 Truck				Perkins 6-354 (V)		12	01/71>	TA50E	/
S 5800				Perkins 6-354		12	01/70>12/75	TA50E	/
S 7				Perkins 6-354		12	01/70>	TA50E	/
S 8				Perkins 6-354		12	01/70>	TA50E	/
S 800-S1000 Series Trucks				Perkins 6-354 (V)		12	01/70>	TA50E	/
SB 2				712		12	01/70>	TA50E	/
				712		12	01/70>	TA60B	/
SC 5				Perkins 6-354		12	01/70>	TA50E	/
SD 4 T				712		12	01/71>	TA60B	/
SG 2				712		12	01/70>	TA50E	/
				712		12	01/70>	TA60B	/
SG 4				712		12	01/70>	TA50E	/
				712		12	01/70>	TA60B	/
SG 4 T				712		12	01/71>	TA60B	/
SG 5				712		12	01/71>	TA60B	/
SM 5				712		12	01/71>	TA60B	/
SMD 5 T				712		12	01/71>	TA60B	/
Truck				Perkins 4-236, V		12	01/60>	TA50E	/
ROVER									
FL 2R	HIRE CAR					12	8/83>	SX68	GX68
FX 4R	TAXI					12	8/83>	SX68	GX68

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
ROVER									
FREELANDER	2,0 DI	2.0	71	TCI-E	4	12	3/98>	SX84	GX84
	2,0 TD4	2	82		4	12	11/00>	/	GX106
	2,5 DTI	2.5	102	M47 D20	4	12	5/98>	/	GX106
LAND ROVER	2,2 88	2,2		10J	4	12	72>83	AN1050RO	/
	2,2 90	2,2		10J	4	12	77>83	AN1050RO	/
	2,4	2,4	78	11A	4	12	04/86>12/90	R78	GX78
	2,5 90	2,5		12J	4	12	83>90	SX74	GX74
	2,5 110	2.5	83	12J	4	12	1/85>12/90	SX74	GX74
	2,5 COUNTY TD	2.5	83	12J	4	12	1/89>	SX78	GX78
	2,5 D	2,5	100	25-6T (BMW)	6	12	07/94>03/02	SX77	GX74
	2,5 DEFENDER TDi	2.5	83-90		5	12	11/89>	SR125	GX125
	2,5 DISCOVERY TDi	2.5	83-90	12L, 19L, 21L	5	12	9/89>	SR125	GX125
	2,5 DISCOVERY TDI	2.5	83-90	12L, 21L	4	12	08/96>	SR125	GX125
	2,5 DISCOVERY TDi	2.5	102		5	12	1/99>	/	GX108
	2,6 109	2,6	68		6	12		AN1050RO	/
	3,0 D	3	130		6	12	03/02>	/	GX106
MAESTRO	500	0.5	45	PERKINS PRIMA 80	4	12	1/86>12/89	SR74	GX74
	700	0.7	45	PERKINS PRIMA 80	4	12	1/86>12/89	SR74	GX74
	2,0 D	2.0	45	PERKINS PRIMA 80	4	12	1/90>12/92	SX74	GX74
	2,0 TD, TD VAN	2.0	60	PERKINS PRIMA 80 T	4	12	1/92>12/95	SX74	GX74
MARINA	1,5 D	1.5	37	BMC 1,5 OHV	4	12	1/71>12/82	E200PE	/
METRO	1,4 D	1.4	39	TUD 3	4	12	1/92>12/95	SX66	GX66
MG ZR	2,0 TD	2	74		4	12	06/01>	SX84	GX84
MONTEGO	2,0 TD	2.0	60	PERKINS PRIMA 80 T	4	12	9/88>12/95	SX74	GX74
RANGE ROVER	2,4 D	2.4				12		SX78	GX78
	2,5 DT, DSE	2.5	100	BMW-M51-025	6	12	9/94>	SX74	GX74
	2,4 SDi 2400 TD	2.4	67	VM-HR492HT	6	12	4/82>4/86	R78	GX78
	2,5 TD VOGUE, CLASSIC	2.5	87	VM HR 492, VM 425 SLIRR	4	12	93>	SX74	GX74
	2,5 TDi	2.5	83	BMW-5 TC 2000 N	4	12	9/94>	SX74	GX74
	2,5 TDi	2.5	83	ETC 9091 N	4	12	1/86>12/94	SR125	GX125
	3,0 TD 6	3	130		6	12	03/02>	/	GX106
SDI 2400	2,4 TD	2,4	67	VM-HR 492HT	6	12	4/82>4/86	SX78	GX78
25	2,0 IDT	2.0	74	20 T2N	4	12	10/99>	SX84	GX84
45	2,0 IDT	2.0	74	20 T2N	4	12	2/00>	SX84	GX84
75	2,0 CDT	2.0	84	M 47 R	4	12	2/99>	/	GX106
	2,0 CDTi	2.0	96	204D2	4	12	02/03>	/	GX106
114	1,4 D	1.4	39	TUD3	4	12	1/92>12/94	SX66	GX66
115	1,6 SD,CSD	1.6	57	TUD5	4	12	12/94>12/98	SX89	GX89
200	220 D/SD	2.0	63	20 T2R	4	12	11/95>03/00	SX84	GX84
	220 Sdi	2.0	77	20 T2R	4	12	11/95>03/00	SX84	GX84
217	1,9 SD	1.9	49	XUD9	4	12	9/91>	SX74	GX74
218	1,9 D,SD,SLD	1.9	49	XUD 9	4	12	3/91>12/96	SX74	GX74
	1,8 TD	1.8	65	XUD7TE	4	12	3/91>12/96	SX74	GX74
220	2,0 DI	2.0	63	20T2RN	4	12	2/96>	SX84	GX84
	2,0 TDI	2.0	75	20T2N	4	12	2/96>	SX84	GX84
400	420 D	2.0	63-77	20 T2R	4	12	05/95>03/00	SX84	GX84

APPLICATION LIST

R-S

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
ROVER									
418	1,9 D	1,9	49	XUD9	4	12	9/91>4/95	SX74	GX74
	1,8 SLD,GSD,TD	1.8	65	XUD7T	4	12	9/91>12/92	SX74	GX74
420	2,0 D, SD	2.0	63	20T2R	4	12	3/96>	SX84	GX84
	2,0 DI, SDI, SLDI	2.0	77	20T2N	4	12	3/96>	SX84	GX84
	2,0 D	2	63	20T2R	4	12	11/95-03/00	SX84	GX84
	2,0 DI	2	77	20T2N	4	12	05/95-03/00	SX84	GX84
600	620 Sdi	2.0	77	20 T2N	4	12	12/94>02/99	SX84	GX84
620	2,0 SDi,SLDi,TD	2.0	77	20T2N	4	12	3/95>12/98	SX84	GX84
825	2,5 D, SD, SLD, TD	2.5	87	VM 425 SLIRR	4	12	9/91>4/95	SX74	GX74
	2,5 D	2,5	87	LBB 10249/C	6	12	01/88>07/91	SX78	GX78
	2,5 SD, TD	2,5	87	VM425 SLIRR	4	12	5/95>	SX97	GX97
2400	2,4 STD	2.4	67	VM HR 492 HT	4	12	4/82>10/86	R78	GX78
SAAB									
9-3	1,9 TiD (YS3F)	1,9	88	Z 19 DT	4	12	09/04>	/	GX4151
	1,9 TiD (YS3F)	1,9	110	Z 19 DTH	4	12	09/04>	/	GX4151
	1,9 TiD (YS3F) S.W.	1,9	88	Z 19 DT	4	12	03/05>	/	GX4151
	1,9 TiD (YS3F) S.W.	1,9	110	Z 19 DTH	4	12	03/05>	/	GX4151
	2,2 TiD	2.2	85	X 22 DTH	4	12	2/98>11/00	/	GX132
	2,2 TiD	2,2	92		4	12	11/00>	/	GX135
9-5	2,2 TiD	2,2	88	D223L	4	12	03/02>	/	GX132
	3,0 TiD, S.W.	3,0	130	D308L	6	12	07/01>	/	GJ1136IS
SAME									
Aurora 45			33	983 L		12	03/73>10/81	TF140	/
Buffalo 130			91	1056 P		12	01/78>10/81	TF140	/
Centauro	70 Export		50	984 P		12	12/81>08/82	TF140	/
	70 Export		50	100.4 P		12	09/82>10/87	TF140	/
	70 Spécial		50	984 P		12	12/81>02/82	TF140	/
	70 Spécial		50	100.4 P		12	09/82>10/87	TF140	/
Centurion	75		55	105.4 P		12	11/78>09/80	TF140	/
	75 Export		52	984 P		12	01/81>01/81	TF140	/
	75 Export		55	105.4 P		12	01/81>10/87	TF140	/
	75 Spécial		52	984 P		12	01/81>01/81	TF140	/
	75 Spécial		55	105.4 P		12	01/81>05/88	TF140	/
Condor 55			38	983 P		12	02/79>10/81	TF140	/
Corsaro	Frutteto 70		48	984 P		12	10/81>03/88	TF140	/
	Synchro 70		51	984 P		12	03/78>12/80	TF140	/
Delfino	35		25	982 L		12	01/72>10/81	TF140	/
Drago	120		84	1056 P		12	01/78>05/86	TF140	/
			72	037-986		12	11/71>12/77	TF140	/
ENGINE	105.2 LP		29			12	01/86>	TF140	/
	105.3 P		47			12	01/86>	TF140	/
	105.4 P		62			12	01/86>	TF140	/

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
SAME									
ENGINE	105.2 LP		29			24	01/86>	TF160	/
	105.3 P		47			24	01/86>	TF160	/
	105.4 P		62			24	09/80>	TF160	/
Explorer	60 Export, Spécial		44	100.3 A		12	06/86>	TF140	/
	70 Export, Spécial		51	1000.4 A		12	07/86>	TF140	/
	80 Export, Spécial		59	1000.4 A		12	07/86>	TF140	/
	90 Export		65	1000.4 AT		12	06/86>	TF140	/
	90 Spécial Turbo		65	1000.4 AT		12	06/86>12/88	TF140	/
Falcon			36	983 L		12	07/75>09/80	TF140	/
Fruttero	60		44	1000.3 A		12	04/87>	TF140	/
	75		55	1000.4 A		12	04/87>	TF140	/
Galaxy 170			121	105.6 PTI		12	06/83>	TF140	/
Hercules 160			144	105.6 PT		12	06/79>10/83	TF140	/
Jaguar			60	105.4 P		12	09/78>09/80	TF140	/
	100		72	105.5 P		12	03/82>03/84	TF140	/
	95		69	105.5 P		12	02/79>03/82	TF140	/
Laser	150		170	105.6 PS		12	03/83>	TF140	/
	90		65	105.4 PT		12	03/84>	TF140	/
Leopard	85		60	105.4 P		12	01/78>02/82	TF140	/
	85 Export		60	105.4 P		12	02/79>11/81	TF140	/
	90 Turbo		61	105.4 PT		12	02/82>03/84	TF140	/
Mercury	85		61	105.4 P		12	01/81>10/81	TF140	/
	85 Export, Special		61	105.4 P		12	01/81>10/87	TF140	/
Minitauro 60			41	1053 L		12	01/74>09/80	TF140	/
Minitaurus 60			44	105.3 P		12	05/60>12/77	TF140	/
Panther	90		64	985 P		12	01/78>09/80	TF140	/
	95		69	1055 P		12	02/79>10/81	TF140	/
			61	DA 985 (041-985)		12	07/74>12/77	TF140	/
Saturno Synchro 80			58	1054 P		12	02/79>12/80	TF140	/
Sirenetta			22	982 L		12	01/72>10/81	TF140	/
Solar	50		37	983 L		12	06/86>	TF140	/
	60		44	105.3 P		12	06/86>	TF140	/
Taurus	60		43	105.3 P		12	11/78>12/84	TF140	/
	C		45	105.3 P		12	12/81>12/83	TF140	/
Tiger 100			75	105.5 L		12	01/77>09/80	TF140	/
Tiger Six 105			77	986 P		12	01/77>10/83	TF140	/
			77	100.6 P		12	03/82>10/83	TF140	/
Trident 130			92	1056 P		12	06/81>10/83	TF140	/
SAVIEM									
15.168 HA, 19.168 H17			150	MAN-D2555M		24	01/77>06/80	TF130	/
26.240 DHPM			194	MAN-D2556MX		24	01/77>06/80	TF130	/
32.256 DHA			205	MAN-D2538MT		24	01/77>06/80	TF130	/
SM5, SMD5T, S1000						12		TA60B	/
S5800, S7, S8, SC5						12		TA60B	/

APPLICATION LIST

S

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
SAVIEM									
TRUCKS SG2, SB2, SG4						12		TA60B	/
TRUCKS SG4T, SD4T, SG5,						12		TA60B	/
SEAT									
131	2.4 D	2.4	53	8144,61	4	12	6/82>12/84	SR74	GX74
ALHAMBRA	1.9 TDi	1.9	66	1 Z, AHU	4	12	4/95>	SX93	GX93
	1.9 TDi	1.9	66	COOLING WATER HEATER	3	12	4/95>	SX76	GX76
	1.9 TDi	1.9	81	AFN	4	12	11/96>	SX93	GX93
	1.9 TDi	1.9	81	COOLING WATER HEATER	3	12	11/96>	SX76	GX76
	1,9 TDi 4 MOTION	1.9	66	ANU, AUy	4	12	06/00>	SX93	GX93
	1,9 TDI	1,9	96	ASZ	4	12	11/02>	/	GX98
	1,9 TDI (7V8, 7V9)	1,9	110		4	12	05/05>	/	GX2097
ALTEA	1,9 TDI (5P1)	1,9	77	BJB/BKC	4	12	06/04>	/	GX2097
	2,0 TDI (5P1)	2,0	100	AZV	4	12	03/04>	/	GX2097
	2,0 TDI	2,0	103	BKD	4	12	03/04>	/	GX2117
AROSA	1,4 TDI	1,4	55	AMF	3	12	01/00>	SX93	GX93
	1.7 SDI	1.7	44	AKU	4	12	8/97>	SX93	GX93
CORDOBA	1,4 TDI	1,4	55	AMF	3	12	10/02>	/	GX98
	1.9 D	1.9	47-55	AEF, 1Y, AAZ	4	12	5/93>	SX59	GX59
	1.9 SDI	1.9	47	AEY	4	12	12/95>	SX93	GX93
	1.9 SDI Vario	1.9	50	AGP, AQM	4	12	06/99>	SX93	GX93
	1.9 TDI	1.9	81	AFN	4	12	3/97>	SX93	GX93
	1.9 TDI	1.9	81	COOLING WATER HEATER	3	12	3/97>	SX76	GX76
	1.9 TDI	1.9	66	AHU	4	12	7/96>	SX93	GX93
	1.9 TDI	1.9	66	COOLING WATER HEATER	3	12	7/96>	SX76	GX76
IBIZA	1,4 Tdi	1,4	55	AMF	3	12	05/02>	/	GX98
	1.7 D	1.7	40	FIAT 138 A 5...	4	12	6/84>5/93	SX74	GX74
	1.9 D	1.9	47	1Y	4	12	5/93>	SX59	GX59
	1.9 TD	1.9	55	AAZ	4	12	3/93>	SX59	GX59
	1.9 SDI	1.9	47	AEY	4	12	3/93>	SX93	GX93
	1.9 TDI	1.9	66	AHU	4	12	7/96>	SX93	GX93
	1.9 TDI	1.9	66	COOLING WATER HEATER	3	12	7/96>	SX76	GX76
	1.9 TDI	1.9	81	AFN	4	12	3/97>	SX93	GX93
	1.9 TDI	1.9	81	COOLING WATER HEATER	3	12	3/97>	SX76	GX76
	1.9 SDI	1.9	47	ASY	4	12	02/02>	/	GX98
	1.9 TDI	1.9	74	ATD	4	12	02/02>	/	GX98
	1.9 TDI	1.9	96	ASZ	4	12	02/02>	/	GX98
	1.9 TDI CUPRA R	1.9	110	ARL	4	12	01/04>	/	GX98
	1,9 TDI CUPRA R (6L1)	1,9	118	BPX	4	12	03/04>	/	GX2097
INCA	1.7 D	1.7	42	AHB	4	12	09/96>	SX59	GX59
	1.9 D	1.9	47	1Y	4	12	11/95>	SX59	GX59
	1,9 TDI	1,9	66		4	12	09/96>	SX93	GX93
	1.9 SDI	1.9	47	AEY	4	12	11/95>	SX93	GX93
LEON	1,9 SDI	1,9	50	AQM	4	12	11/99>	SX93	GX93
	1,9 TDI	1,9	66	AGR	4	12	12/99>	SX93	GX93

APPLICATION LIST

S

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
SEAT									
LEON	1,9 TDI	1,9	66	COOLING WATER HEATER	3	12	12/99>	SX76	GX76
	1,9 TDI	1,9	81	AHF	4	12	12/99>	SX93	GX93
	1,9 TDI	1,9	81	COOLING WATER HEATER	3	12	12/99>	SX93	GX93
	1,9 TDI	1,9	96	ASZ	4	12	05/03>	/	GX98
	1,9 TDI	1,9	110	ARL	4	12	02/01>	SX93	GX93
	1,9 TDI 4X4	1,9	110	ARL	4	12	05/02>	SX93	GX93
	1,9 TDI (1M1)	1,9	74	AXR	4	12	10/05>	/	GX2097
	1,9 TDI (1P1)	1,9	77	BKC, BLS	4	12	09/05>	/	GX2097
	1,9 TDI (1P1)	1,9	110		4	12	09/05>	/	GX2097
	1,9 TDI (1P1)	1,9	81		4	12	09/05>	/	GX2097
	2,0 TDI (1P1)	2,0	103	BKD, BMM	4	12	09/05>	/	GX2117
MALAGA	1.7 D	1.7	40	FIAT 138 A5...	4	12	5/85>8/91	SR74	GX74
RITMO	1.7 D	1.7	40	FIAT 138 A5...	4	12	9/80>8/88	SR74	GX74
RONDA	1.7 D	1.7	40	FIAT 138 A5...	4	12	6/82>8/88	SR74	GX74
TERRA	1.3 D	1,3	33	MN	4	12	1/90>12/94	SX59	GX59
	1.4 D, KOMBI	1.4	35	1W	4	12	10/90>12/95	SX59	GX59
TOLEDO	1.9 D	1.9	47	1 Y	4	12	3/91>	SX59	GX59
	1.9 TD	1.9	55	AAZ	4	12	3/91>4/97	SX59	GX59
	1.9 TDi	1.9	66	1Z	4	12	8/93>1/99	SX93	GX93
	1.9 TDi	1.9	66	COOLING WATER HEATER	3	12	8/93>1/99	SX76	GX76
	1.9 TDI	1.9	66	AGR	4	12	2/99>	SX93	GX93
	1.9 TDI	1.9	66	COOLING WATER HEATER	3	12	2/99>	SX76	GX76
	1.9 TDI	1.9	81	AHF	4	12	2/99>	SX93	GX93
	1.9 TDI	1.9	81	COOLING WATER HEATER	3	12	2/99>	SX76	GX76
	1.9 TDI	1.9	96	ASZ	4	12	05/03>	/	GX98
	1.9 TDI (5P2)	1,9	77	BJB, BKC	4	12	10/04>	/	GX2097
	2,0 TDI (5P2)	2,0	103	BKD	4	12	10/04>	/	GX2117
SKODA									
FABIA	1,4 TDI	1,4	55	AMF	3	12	04/03>	/	GX98
	1.9 SDI	1.9	47-72	AGP	4	12	12/99>	SX93	GX93
	1.9 TDI	1.9	81-85	AHF, AJM	4	12	12/99>	SX93	GX93
	1,9 SDI PRAKTIK	1,9	47	ASY	4	12	05/03>	SX93	GX93
	RS	1,9	96	ASZ	4	12	09/03>	/	GX98
FELICIA	1.9 D	1.9	47	AEF, 1 Y	4	12	9/96>	SX59	GX59
OCTAVIA	1,9 SDI	1,9	47-50	AEY	4	12	09/96>	SX93	GX93
	1,9 SDI	1,9	47-50	AGP , AQM	4	12	06/97>	SX93	GX93
	1.9 D, PICK-UP	1.9	47-50	AEF, AGP	4	12	1/96>	SX59	GX59
	1,9 TDI (1Z3)	1,9	77	BJB, BKC	4	12	06/04>	/	GX2097
	1,9 TDI COMBI (1Z5)	1,9	77	BJB, BKC	4	12	06/04>	/	GX2097
	1,9 TDI COMBI (1Z5) 4x4	1,9	77	BJB, BKC	4	12	11/04>	/	GX2097
	1.9 TDi	1.9	66	1Z	4	12	7/96>	SX93	GX93
	1.9 TDi	1.9	66	COOLING WATER HEATER	3	12	7/96>	SX76	GX76
	1.9 TDI	1.9	81	AHF	4	12	1/97>	SX93	GX93
	1.9 TDI	1.9	81	COOLING WATER HEATER	3	12	1/97>	SX76	GX76

APPLICATION LIST

S

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
SKODA									
OCTAVIA	1.9 TDI	1.9	66	AGR	4	12	1/96>	SX76	GX93
	1.9 TDI	1.9	66	COOLING WATER HEATER	3	12	1/96>	SX76	GX76
	1,9 TDI	1,9	96	ASZ	4	12	1/03>	/	GX98
	1,9 TDI	1,9	77	BJB, BKC	4	12	06/04>	/	GX2097
	2,0 TDI (1Z3)	2,0	103	BKD	4	12	06/04>	/	GX2117
	2,0 TDI COMBI (1Z5)	2,0	103	BKD	4	12	06/04>	/	GX2117
ROOMSTER	1,9 TDI	1,9	77	BLS	4	12	09/06>	/	GX2097
SUPERB	1,9 TDI	1,9	74	AVB	4	12	08/02>	/	GX98
	1,9 TDI	1,9	96	AWX	4	12	02/02>	SX93	GX93
	2,5 TDI	2,5	114	AYM	6	12	02/02>	/	GX124
	2,5 TDI	2,5	120	BDG	6	12	06/03>	/	GX124
SLANZI									
DVA 920						12	01/68>	AN1186FD	/
DVA 1030						12	04/74>	AN1186FD	/
DVA 1550						12	04/74>	AN1186FD	/
DVA 1550 S 2						12	10/83>	AN1186FD	/
DVA 1750						12	01/78>	AN1186FD	/
DVA 1750 S						12	04/84>	AN1186FD	/
DVA 1800						12	02/80>	AN1186FD	/
DVA 2350						12	01/84>	AN1186FD	/
DVA 2700						12	02/80>	AN1186FD	/
DVA 3600						12	11/78>	AN1186FD	/
DVA 3600 TB						12	01/84>	AN1186FD	/
SMART									
CABRIO	0,8 CDI	0,8	29	OM 660 DE 08 LA	3	12	07/98>	/	GX122
CITY-COUPE'	0,8 CDI	0,8	29	OM 660 DE 08 LA	3	12	11/99>	/	GX122
FORTWO	0,8 CDI	0,8	30	OM 660 DE 08 LA	3	12	01/04>	/	GX122
FORFOUR	1,5 CDI (454.000)	1,5	50	454.000	3	12	09/04>	/	GX4149
	1,5 CDI (454.000)	1,5	70	454.001	3	12	09/04>	/	GX4149
SSANG YONG									
ISTANA	2.3 D	2.3	57-58	OM 661.911	4	12	7/95>	SX70	GX70
	2.9 D	2.9	70	OM 662.911	5	12	7/95>	SX70	GX70
KYRON	2.0 Xdi	2,0	104		4	12	05/05>	/	GX4152
	2.0 Xdi 4x4	2,0	104		4	12	05/05>	/	GX4152
KORANDO	2,2 D	2,2	50	DAEWOO DC23	4	12	12/88>12/96	JA28IS	GJ28IS
	2,3 D	2.3	58-59	OM 601.940	4	12	12/96>1/99	SX70	GX70
	2,9 D	2.9	72	OM 602.910	5	12	12/96>	SX70	GX70
	2,9 TD	2.9	95	OM 662.D29	5	12	7/96>	SX70	GX70
MUSSO	2,3 D	2.3	59	OM 601.910	4	12	7/93>	SX70	GX70
	2,9 D	2.9	73-88	OM 602.910	5	12	7/93>	SX70	GX70

APPLICATION LIST

S

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
SSANG YONG									
REXTON	2,7 Xdi 4x4	2,7	120		5	12	08/04>	/	GX4152
	2,9 D	2.9	88		5	12	04/02>	SX70	GX70
RODIUS	2,7 Xdi	2.7	120		5	12	05/05>	/	GX4152
	2,7 Xdi 4x4	2.7	120		5	12	05/05>	/	GX4152
STEYR-DAIMLER-PUCH									
1291.310			225	WD 615.68,78		24	09/85>09/87	TF150	/
1291.330			240	WD 815.67		24	10/86>09/87	TF150	/
1491.310			225	WD 615.68,78		24	09/85>09/87	TF150	/
1491.330			240	WD 815.67		24	10/83>09/87	TF150	/
1891.310			225	WD 615.68		24	09/85>09/87	TF150	/
1891.330			240	WD 815.68		24	10/83>09/87	TF150	/
19 S 31			225-228	WD 615.68, 78, 98		24	10/87>	TF150	/
19 S 34			240-250	WD 815.64, 67, 69, 79		24	10/87>	TF150	/
19 S 37			270	WD 815.66,76		24	10/87>	TF150	/
22 S 31			225-228	WD 615.68, 78		24	10/87>	TF150	/
22 S 34			240-250	WD 815.64, 67, 69		24	10/87>	TF150	/
22 S 37			270	WD 815.66		24	10/87>	TF150	/
26 S 31			225	WD 615.68, 78		24	10/87>	TF150	/
26 S 34			240-250	WD 615.64, 67, 69		24	10/87>	TF150	/
26 S 37			270	WD 815.66,76		24	10/87>	TF150	/
290GD	2.9	2.9	72	OM602	5	12	8/93>	SX70	GX70
300GD	3.0	3.0	83	OM617/603	6	12	9/89>	SX70	GX70
32 S 31			225-228	WD 615.68, 78		24	10/87>	TF150	/
32 S 34			240-250	WD 815.64,67, 69, 79		24	10/87>	TF150	/
32 S 37			270	WD 815.66,76		24	10/87>	TF150	/
33 S 31			225-228	WD 615.68		24	10/87>	TF150	/
33 S 34			250	WD 815.67		24	10/87>	TF150	/
350GDT	3.5	3.5	100	OM617/603	6	12	9/91>	SX70	GX70
40 S 31			225-228	WD 615.68		24	01/88>	TF150	/
40 S 34			250	WD 815.67		24	01/88>	TF150	/
40 S 37			270	WD 815.66		24	01/88>	TF150	/
8060, A				WD 311.40 , 311.41		12	01/80>	AN1186FD	/
8070, A				WD 411.41 , 411.42		12	01/80>06/82	AN1186FD	/
8080, A				WD 411.85 , 411.86		12	01/80>	AN1186FD	/
8100, A				WD 611.40 , 611.41		12	12/78>	AN1186FD	/
8120, A				WD 611.85 , 611.86		12	12/78>06/82	AN1186FD	/
SUZUKI									
BALENO	1,9 TD	1,9	55		4	12	4/98>	SX74	GX74
JIMNY (FJ)	1.5 DDiS 4WD	1,5	48		4	12	12/03>	/	GX82
IGNIS II	1,3 DDiS	1,3	51	Z 13 DT	4	12	09/03>		GX4119
SAMURAI (SJ)	1,9 TD	1,9	46	XUD9	4	12	11/98>	SX74	GX74
SWIFT III	1,3 DDiS (SG)	1,3	51	Z 13 DT	4	12	08/05>		GX4119

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
SUZUKI									
GRAND VITARA	2,0 TD	2,0	64	MAZDA RF	4	12	3/98>		GJ1302MA
	2,0 HDI 110 (FT-GT)	2,0	80		4	12	07/01>	SX107	GX107
VITARA	1.9 D	1.9	50	XUD9A	4	12	4/96>3/98	SX74	GX74
	1.9 TD	1.9	55	XUD9SD	4	12	10/96>3/98	SX74	GX74
	2.0 TD	2.0	52-64	MAZDA RF	4	12	12/94>3/98		GJ1302MA
VITARA ESCUDO	RF TURBO			KD-TD31W	4	12	10/96>	/	GJ130MA
WAGON R+	1,3 DDIS	1,3	51	Z 13 DT	4	12	09/03>	/	GX4119
TALBOT									
EXPRESS	1.9 D	1.9	51	XUD 9A	4	12	11/87>01/94	SX74	GX74
	2.5 D	2.5	55	CRD93	4	12	9/81>1/94	SX74	GX74
	2.5 TD	2.5	70	CRD 93 LS	4	12	7/87>1/94	SX74	GX74
HORIZON	1,9 D	1.9	47	XUD 9	4	12	7/82>6/86	SR74	GX74
SOLARA	1,9 D	1.9	47	XUD 9	4	12	11/84>7/86	SR74	GX74
TAGORA	2,3 TD	2.3	59	XD2S	4	12	9/81>6/83	SR74	GX74
TATA									
206, 207	1,9 D	1.9	44-50	4DL	4	12	7/88>	SX74	GX74
INDICA	1,4 D	1,4	39	475 DL	4		10/98>	SX 89	GX 89
SAFARI	1,9 D	1,9	66	483 DL	4		04/00>	O	O
SIERRA	1,9 D	1,9	46		4		06/97>10/99	SX74	GX74
	1,9 TD	1,9	68		4		06/97>	SX74	GX74
TOYOTA									
4 RUNNER	2,4 TD	2,4	66	2L-T	4	12	10/90>12/96	JA127TO	GJ114TO
	2,5 D	2,5	66	2L-T	4	12	93>	JA127TO	GJ114TO
	2,8 D	2.8	58	3L	4	12	93>	JA127TO	GJ114TO
	3,0 Turbo D	3,0	92	1KZ-T	4	12	11/95>	/	GJ117TO
AVENSIS	2,0 TD	2,0	66	2CTE (TDEFI)	4	12	10/97>7/00	JA146DA	GJ121TO
	2,0 D-4D	2,0	81	1CD-FTV	4	12	10/99>	/	GJ93TO
	2,0 D-4D (T25)	2,0	85	1CD-FTV	4	12	04/03>	/	GJ93TO
AVENSIS VERSO	2,0	2,0	85	1CD-FTV	4	12	01/01>	/	GJ93TO
BLIZZARD	2,5 D Q-LD21G, N-LD20V	2,5	63-66	2L-T	4	12	08/83>02/90	JA129TO	GJ114TO
	2,5 D	2,5	63-66	2L-TE	4	12	4/90>	JA127TO	GJ114TO
BUS				2 D	6	24	3/73>3/77	/	GJ106TO
				2 D	6	24	3/69>2/73	JA90TO	/
CAMRY	1,8 D	1,8	54	1C-T	4	12	8/83>12/85	JA114TO	GJ121TO
	2,0 TD COMBI	2,0	62	2CT	4	12	10/86>5/91	JA111TO	GJ121TO
CARINA	1,8 D	1,8	48	1C-2CL	4	12	4/82>9/83	JA114TO	GJ121TO
CARINA E	2,0 TD	2,0	61	2C-T	4	12	1/96>10/97	JA111TO	GJ121TO
	2,0 D	2,0	54	2C	4	12	2/92>	JA111TO	GJ121TO
CARINA II	2,0 D	2,0	54	2C	4	12	12/87>	JA111TO	GJ121TO
	2,0 D	2,0	55	2C-L	4	12	10/83>12/85	JA111TO	GJ121TO
	2,0 D	2,0	51	2C-L	4	12	10/83>11/87	JA111TO	GJ121TO

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
TOYOTA									
CHASER	2,5 D Q-LX80	2,5	53-61	2L-II, 2L-IIT	4	12	8/88>	JA127TO	GJ114TO
	2,5 D N-LX70	2,5		2L-T	4	12	08/84>08/88	JA129TO	GJ114TO
COASTER				2H	6	24	82>	/	GJ118TO
				13 B		24	93>	/	GJ118TO
				13 B	4	12	93>	JA111TO	GJ121TO
				B,2B,3B	4	24	72>7/89	/	GJ118TO
				B,2B,3B	4	12	72>4/82	JA111TO	GJ121TO
	K-BB 21, 31, 26V			3B	4	24	8/98>	/	GJ118TO
	KC-HZB 50			1HZ	6	24	5/94>	/	GJ118TO
	U-HDB 30, 31			1HD-T	6	24	8/98>	/	GJ118TO
	U-HZB 30, 31, 36V			1HZ	6	24	8/98>	/	GJ118TO
COROLLA	1,5 X-NL40	1,5		1N-T	4	12	9/90>8/94	JA127TO	GJ114TO
	1,5 NL50	1,5		1N-T	4	12	9/94>	JA122TO	GJ114TO
	1,5 Q-NL30	1,5		1N-T	4	12	5/86>8/90	JA122TO	GJ114TO
	1,8 D	1,8	47	1C	4	12	5/87>4/92	JA144DA	GJ121TO
	1,8 D	1,8	44	1CL	4	12	10/82>4/87	JA111TO	GJ121TO
	1,8 D	1,8	48	1CL	4	12	5/83>12/86	JA121TO	GJ121TO
	1,8 D HATCHBACK	1,8	47-49	1C	4	12	5/87>4/92	JA144DA	GJ121TO
	1,8 D LIFTBACK	1,8	47	1C	4	12	5/87>4/92	JA144DA	GJ121TO
	1,8 D SEDAN	1,8	47	1C	4	12	5/87>4/92	JA144DA	GJ121TO
	1,8 D WAGON	1,8	43	1C	4	12	5/83>7/87	JA116TO	GJ121TO
	1,8 D	1,8	44	1CL	4	12	5/83>4/87	JA116TO	GJ121TO
	2,0 D	2,0	53/54	2C	4	12	5/92>8/97	JA111TO	GJ121TO
	2,0 D	2	53	2C-E	4	12	8/97>2/00	JA111TO	GJ121TO
	2,0 D	2,0	85	1CD-FTV	4	12	05/03>	/	GJ93TO
	2,0 D SW	2,0	85	1CD-FTV	4	12	04/04>	/	GJ93TO
	2,0 D-4D	2,0	66	1CD-FTV	4	12	08/02>	/	GJ93TO
	2,0 D	2,0	66	2,0TD Mot.1CDFTV(C. RAIL)	4	12	9/00>	/	GJ93TO
	2,0 D SEDAN	2,0	82	2,0TD Mot.1CDFTV(C. RAIL)	4	12	9/00>	/	GJ93TO
	2,0 D VERSO	2,0	80	2,0TD Mot.1CDFTV(C. RAIL)	4	12	9/00>	/	GJ93TO
	2,0 D VERSO 4-D4	2,0	66	1CD-FTV	4	12	01/02>05/04	/	GJ93TO
	2,0 D WAGON	2,0	66	2,0TD Mot.1CDFTV(C. RAIL)	4	12	9/00>	/	GJ93TO
CRESSIDA	2,2 D KOMBI	2,2	49	L	4	12	9/80>7/82	JA108TO	GJ114TO
	2,2 D KOMBI	2,2	49	L	4	12	8/82>	JA122TO	GJ114TO
	2,2 D KOMBI	2,2	53	L	4	12	9/80>7/84	JA108TO	GJ114TO
	2,4 D KOMBI	2,4	62	2L	4	12	8/88>	JA114TO	GJ114TO
	2,5 D KOMBI	2,5	61	2L	4	12	8/84>	JA108TO	GJ114TO
	2,5 TD KOMBI	2,5	63	2LT	4	12	8/84>8/86	JA114TO	GJ114TO
CRESTA	2,5 D Q-LX80	2,5	53-61	2L-II, 2L-IIT	4	12	8/88>	JA127TO	GJ114TO
CROWN	2,2 D KOMBI	2,2	49	L	4	12	8/80>7/83	JA122TO	GJ114TO
	2,2 D KOMBI	2,2	53	L	4	12	9/79>7/83	JA108TO	GJ114TO
	2,5 D KOMBI NLS111,120,130,130G	2,5	53-61	2L-T	4	12	8/83>8/89	JA129TO	GJ114TO
	2,5 D KOMBI NLS120,120G,130,130G	2,5	53-61	2L-THE II			>07/89	JA129TO	GJ114TO
	2,5 D KOMBI	2,5	53-61	2L-II, 2L-IIT, 2L-THEII	4	12	8/89>	JA127TO	GJ114TO
DYNA	2,0 D	2		2B	4	24	8/80>	/	GJ118TO
	2,5 D 100	2,5	53	2L OHC	4	12	8/85>7/88	JA122TO	GJ114TO

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
TOYOTA									
DYNA	2,5 D 100	2,5	53-54	2L	4	12	8/88>	JA127TO	GJ114TO
	2,5 D 100	2,5	55	2L OHC	4	12	8/85>7/87	JA108TO	GJ114TO
	2,5 D 100	2,5	55	2L OHC	4	12	8/87>7/88	JA122TO	GJ114TO
	2,5 D 100	2,5	55	2L	4	12	3/88>	JA127TO	GJ114TO
	2,5 D 150	2,5	53	2L OHC	4	12	8/85>8/88	JA122TO	GJ114TO
	2,5 D 150	2,5	55	2L OHC	4	12	8/85>8/87	JA108TO	GJ114TO
	2,8 D 150	2,8	58	3L	4	12	8/88>	JA127TO	GJ114TO
	3,0 D 200	3	59	B OHV	6	12	8/88>	JA142DA	/
	3,0 D 200	3	60	B OHV	6	12	8/87>8/88	JA142DA	/
	3,0 D 3000	3		B/ 11B	6	12	1/93>	JA142DA	/
	3,0 D 3000	3		B/ 11B	6	24	1/93>	/	GJ118TO
	3,7 D 3700	3,7		14B	6	12	1/93>	JA142DA	/
HI-ACE	3,7 D 3700	3,7		14B	6	24	1/93>	/	GJ118TO
	2,2 D	2,2	46		4	12	1/80>10/82	JA108TO	GJ114TO
	2,2 D	2,2	49	L	4	12	12/82>10/84	JA122TO	GJ114TO
	2,2 D PICKUP	2,2	49	L	4	12	11/82>7/85	JA122TO	GJ114TO
	2,4 D	2,4	55	2L	4	12	7/99>	JA114TO	GJ114TO
	2,4 D	2,4	58	2L	4	12	8/95>	JA127TO	GJ114TO
	2,4 TD	2,4	66	2LT	4	12	8/95>	JA127TO	GJ114TO
	2,5 D	2,5	55	2L	4	12	1/84>	JA114TO	GJ114TO
	2,5 D 4WD	2,5	55	2L	4	12	8/87>7/89	JA122TO	GJ114TO
	2,5 D	2,5	53-61	2L-II, 2L-T, 3L	4	12	8/88>	JA127TO	GJ114TO
	2,5 D N-LH51G, Q-LH51G	2,5	53-61	2L-T	4	12	08/87>07/89	JA129TO	GJ114TO
	2,5 D N-LN60V	2,5	53-61	2L-T	4	12	11/84>07/89	JA129TO	GJ114TO
	2,5 D	2,5	53-61	2L-T, 3L	4	12	8/89>	JA127TO	GJ114TO
	2,5 D 4WD	2,5	55	2L	4	12	8/89>	JA127TO	GJ114TO
	3,0 D	3		B/ 11B	6	12	1/93>	JA142DA	/
	3,0 D	3		B/ 11B	6	24	1/93>	/	GJ118TO
	3,7 D	3,7		14B	6	12	1/93>	JA142DA	/
HI-LUX	3,7 D	3,7		14B	6	24	1/93>	/	GJ118TO
	2,2 D	2,2	49	L	4	12	8/80>7/83	JA108TO	GJ114TO
	2,2 D 4WD	2,2	49	L	4	12	8/81>7/83	JA122TO	GJ114TO
	2,2 D 4WD	2,2	53	L	4	12	9/79>7/83	JA108TO	GJ114TO
	2,4 D	2,4	55	2L	4	12	9/88>	JA127TO	GJ114TO
	2,4 D 4WD	2,4	55-59	2L	4	12	9/88>	JA127TO	GJ114TO
	2,4 D (TARO)	2,4	61	2L	4	12	1/89>	JA127TO	GJ114TO
	2,4 TD	2,4	66	2L-T	4	12	8/98>	JA114TO	GJ114TO
HI-LUX SURF	2,5 D	2,5	53-61	2L-II, 2L-TII, 3L	4	12	9/88>	JA127TO	GJ114TO
				2C-III T	4	12	8/88>	JA144DA	GJ121TO
LAND CRUISER	3.0 D	3,0		3,0 COMMON RAIL		12	10/00>	/	GJ93TO
	2,4 D	2,4	53	2L	4	12	11/84>10/85	JA122TO	GJ114TO
	2,4 TD	2,4	63	2LT	4	12	10/85>12/89	JA114TO	GJ114TO
	2,4 TD	2,4	66	2L-T	4	12	1/90>5/93	JA127TO	GJ114TO
	2,4 D	2,4		2B	4	24	2/79>10/81	/	GJ118TO
	2,5 D	2,5	66	2L-TE	4	12	4/90>	JA127TO	GJ114TO
	2,5 TD SOFTOP	2,5	66	2LT OHC	4	12	1/90>5/93	/	*

APPLICATION LIST

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VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
TOYOTA									
LAND CRUISER	2,5 D OPTIONAL	2,5	85	VM-HR 492	4	12	1/93>	SX74	GX74
	2,8 D	2,8	58	3L	4	12	1/93>	JA127TO	GJ114TO
	3,0 D-4D	3,0	120	1KD-FTV	4	12	01/03>	/	GJ93TO
	3,0 D	3,0	92	1KZ-TE	4	12	5/93>	JA117TO	GJ117TO
	3,0 D	3,0	92	1KZ-TE	4	12	6/96>	JA117TO	GJ117TO
	3,4 D	3,4	66	3B	4	12	8/80>7/87	JA111TO	GJ121TO
	3,4 D	3,4	66-69	3B	4	12	8/87>	JA111TO	GJ121TO
	3,4 D	3,4	66	B, 3B	4	12	8/80>10/84	JA111TO	GJ121TO
	3,4 D	3,4	66	3B	4	24	8/80>10/81	/	GJ118TO
	3,4 D	3,4	66	3B	6	24	10/81>10/84	/	GJ118TO
	3,4 D	3,4	66	3B	4	24	11/84>8/88	/	GJ118TO
	3,4 D	3,4	70	3B	4	12	3/89>12/89	JA111TO	GJ121TO
	4,0 D	4,0	76	2H	6	12	8/80>8/87	JA121TO	GJ121TO
	4,0 D	4,0	76-79	2H	6	12	8/87>1/90	JA111TO	GJ121TO
	4,0 D	4,0	76	2H	6	24	10/82>8/87	/	GJ118TO
	4,0 TD	4,0	100	12HT	6	24	8/87>12/89	/	GJ118TO
	4,2 D	4,2	99	1HZ OHC	6	12	1/90>	JA111TO	GJ121TO
	4,2 D	4,2	125	1HD-FT	6	24	1/95>12/97	/	GJ118TO
	4,2 TD	4,2	118-123	1HDT OHC	6	12	1/90>12/97	JA111TO	GJ121TO
	4,2 TD	4,2	150	HD-FTE	6	24	1/98>	/	GJ118TO
LITE-ACE	1,8 D	1,8	47	1C	4	12	10/85>8/88	JA116TO	GJ121TO
	1,8 D	1,8	48	1C	4	12	10/82>8/85	JA116TO	GJ121TO
	1,8 D	1,8	47	2C	4	12	8/88>1/92	JA146DA	GJ121TO
	2,0 D	2,0	51	2C	4	12	7/92>12/96	JA111TO	GJ121TO
	2,0 D	2,0	53	2C	4	12	8/88>1/92	JA111TO	GJ121TO
MARK II				L		12	9/79>	JA108TO	GJ114TO
				2L		12	8/84>	JA122TO	GJ114TO
	2,5D	2,5	53-61	2L-II, 2L-IIT	4	12	8/88>	JA127TO	GJ114TO
PICNIC	2,2D	2,2	66	3C-TE	4	12	8/97>	JA117TO	GJ117TO
PREVIA	2,0 D	2,0	85	2,0TD Mot.1CDFTV(C. RAIL)	4	12	03/01>	/	GJ93TO
RAV-4	2,0 D	2,0	85	2,0TD Mot.1CDFTV(C. RAIL)	4	12	09/01>	/	GJ93TO
STARLET	1,5 D	1,5	40	1N	4	12	12/86>	JA122TO	GJ114TO
TAMARROW				L (QGS)		12	82>	JA127TO	GJ114TO
TARAGO				2C		12		JA116TO	GJ121TO
TOYO-ACE	2,2 D	2,2	49	L	4	12	4/80>1/82	JA108TO	GJ114TO
	2,5 D	2,5		2J	4	12	3/79>8/83	JA142DA	/
	2,5 D	2,5		2J	4	24	1/82>	/	GJ118TO
	2,5 D	2,5	53	2J OHC	4	12	8/83>7/85	/	GJ125TO
	2,5 D	2,5	53-61	2L-II, 3L	4	12	8/88>	JA127TO	GJ114TO
				B	4	24	8/80>1/82	/	GJ118TO
TRUCK				2D		24	3/73>4/77	JA96TO	/
				2D		24	5/77>	/	GJ106TO
				2D		24	69>2/73	JA90TO	/
				2L		12	73>	JA122TO	GJ114TO
				2L		24	73>	/	GJ125TO
				D		24	5/77>	/	GJ106TO
				D		24	69>2/73	JA90TO	/
				D		24	3/73>4/77	JA96TO	/

APPLICATION LIST

T-U-V

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
TOYOTA									
YARIS	1,4 D	1,4	55	1ND-TV	4	12	12/01>	/	GJ94TO
YARIS VERSO	1,4 D	1,4	55	1ND-TV	4	12	12/01>	/	GJ94TO
UAZ									
425/PP PROMISCUO	D			PEUGEOT	4	12	8/81>	SR74	GX74
469 B	2,4 TD	2,4		VM	4	12	4/86>	R78	GX78
	2,5 D	2,5		PEUGEOT	4	12	>11/85	SR74	GX74
UMM									
ALTER	4X4 D			PEUGEOT			06/87>	SR74	GX74
	2,3 D	2,3	50		4		01/85>	O	O
	2,5 D	2,5	56		4		01/85>	O	O
	2,5 TD	2,5	81		4		01/86>	O	O
UNIC									
30 U 8	2,5 D	2,5	53	Fiat 8140.61	4	12	4/78>12/82	SR74	GX74
35 U 8	2,5 D	2,5	53	Fiat 8140.61	4	12	4/78>12/82	SR74	GX74
40 U 8	2,5 D	2,5	53	Fiat 8140.61	4	12	4/78>12/82	SR74	GX74
VAUXHALL									
ARENA	1.9 D	1.9	44	F8Q-600/606	4	12	3/98>08/01	SX94	GX94
	2,5 D	2,5	55	S8U-758	4	12	3/98>08/01>	SX74	GX74
ASTRA	1,3 CDTI MK V	1,3	66	Z 13 DTH	4	12	10/05>	/	GX4119
	1,3 CDTI MK V S.W.	1,3	66	Z 13 DTH	4	12	08/05>	/	GX4119
	1.5 E D	1.5	37	ISUZU 4 EC1 (S.N 804795->)	4	12	9/84>8/91	JA28IS	GJ28IS
	1.5 E D	1.5	37	ISUZU 4 EC1 (S.N->804794)	4	12	9/84>8/91	JA16IS	GJ28IS
	1.5 E TD	1.5	53	ISUZU TC4 EC1 OHC	4	12	9/88>8/91	JA22IS	GJ26IS
	1.6 D	1.6	40	16 D, DA OHC	4	12	3/82>	SR74	GX74
	1.7 D	1.7	42	17 D OHC II	4	12	1/89>	SR74	GX74
	1,7 CDTI	1,7	59		4	12	03/04>	O	O
	1.7 TD	1.7	60	ISUZU TC4 EE1 OHC	4	12	12/91>	JA26IS	GJ26IS
	1.7 TD	1.7	60	17 DT/TC4 EE1 OHC Mot. 956633->	4	12	12/91>02/98	JA29IS	GJ29IS
	1.7 E TD	1.7	60	ISUZU TC4 EE1 OHC(S.N.->817252)	4	12	2/90>8/91	JA22IS	GJ26IS
	1.7 E TD	1.7	60	ISUZU TC4 EE1 OHC(S.N.817253->)	4	12	2/90>8/91	JA26IS	GJ26IS
	1,7 DTI 16V	1,7	55/75	Y 17 DT	4	12	2/00>	/	GX145
	1,9 CDTI MK V	1,9	88	Z 19 DT	4	12	08/05>	/	GX4151
	1,9 CDTI MK V	1,9	110	Z 19 DTH	4	12	06/04>	/	GX4151
	1,9 CDTI MK 16V	1,9	88	Z 19 DTJ	4	12	04/04>	/	GX4151
	1,9 CDTI S.W.	1,9	88	Z 19 DT	4	12	09/05>	/	GX4151
	1,9 CDTI S.W.	1,9	110	Z 19 DTH	4	12	08/04>	/	GX4151
	1,9 CDTI 16V .S.W.	1,9	88	Z 19 DTJ	4	12	08/04>	/	GX4151
	2.0 DI	2.0	60	X20DILC	4	12	98>	/	GX132

APPLICATION LIST

V

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
VAUXHALL									
ASTRA	2.0 DTI	2.0	74	Y20DTH,Y20DTL	4	12	8/99>	/	GX132
	2.0 DTI	2,0	60	X 20 DLC	4	12	09/97>02/98	SX126	GX126
BELMONT	1.6 D	1.6		DOHC	4	12	3/82>9/93	SR74	GX74
BRAVA	2,5 PICK-UP	2.5	56	4JA1	6	12	3/92>	SX74	GX74
	2.2 D Pick-up	2.2	45	ISUZU-4FD1	4	12	2/91>8/97	JA28IS	GJ28IS
CARLTON	2.3 D	2.3	51	23 D	6	12	5/83>8/86	SR74	GX74
	2.3 TD	2.3	74		6	12	3/92>	SR74	GX74
CAVALIER	1.6 D	1.6	40	16 D/DA OHC	4	12	3/82>8/88	SR74	GX74
	1.7 D	1.7	42	17 D	4	12	9/88>8/95	SR74	GX74
	1.7 TD	1.7		ISUZU	4	12	9/95>	JA29IS	GJ29IS
	1.7 TD	1.7	60	ISUZU TC4 EC1(S.N.->817252)	4	12	3/90>8/95	JA22IS	GJ26IS
	1.7 TD	1.7	60	ISUZU TC4 EC1(S.N.817253->)	4	12	3/90>8/95	JA26IS	GJ26IS
	1.7 TD (III)	1.7	60	17 DT/TC4 EE1 OHC	4	12	10/92>08/95	JA29IS	GJ29IS
COMBO	1,7D	1,7	44	X 17 D 4EE1 OHC	4	12	04/96>	JA29IS	GJ29IS
	1,7 DTI 16V	1,7	55	Y17DT	4	12	10/01>	/	GX145
CORSA	1,3 CDTI 16V MK II	1,3	52	Z 13 DT	4	12	04/04>	/	GX4119
	1,3 CDTI 16V MK II VAN	1,3	52	Z 13 DT	4	12	04/04>	/	GX4119
	1.5 D	1.5	37	ISUZU 15 D/4 EC1 AAD S.N. 804795->	4	12	90>93	JA28IS	GJ28IS
	1.5 D	1.5	37	ISUZU 15 D/4 EC1 AAD S.N.->804794	4	12	87>89	JA16IS	GJ28IS
	1.5 D	1.5	37	15 D 4EC1 OHC	4	12	08/93>08/00	JA29IS	GJ29IS
	1.5 TD	1.5	49	15DT/T4,EC1 AADT OHC S.N->804794	4	12	88>89	JA22IS	GJ26IS
	1.5 TD	1.5	49	T4EC1 AADT OHC S.N.804795->	4	12	90>2/93	JA26IS	GJ26IS
	1.5 TD	1.5	49	15 TD T4EC1OHC	4	12	08/93>08/00	JA29IS	GJ29IS
	1.5 XD	1.5	37	X15 D 4EC1 OHC	4	12	04/96>08/00	JA29IS	GJ29IS
	1.5 XTD	1.5	49	X15 TD 4EC1 OHC	4	12	04/96>08/00	JA29IS	GJ29IS
	1,7 D	1,7	44	X17 D 4EE1 OHC	4	12	04/96>08/00	JA29IS	GJ29IS
	1,7 DI 16V	1,7	65	4EE2	4	12	01/01>	/	GX145
	1,7DTI 16V	1,7	75	4EE2	4	12	01/01>	/	GX145
	2.2 DTI 16V	2.2	85	X22DTH	4	12	10/97>	/	GX132
FRONTERA	2.5 TDI	2.5	85	25TD/TDS OHC	4	12	9/96>10/98	SX97	GX97
	2,3 ESTATE TD	2.3	74	DTR OHC	4	12	3/92>2/95	SX74	GX74
	A 2.8 TDI	2,8	83	28TD 4JB1T (28TDI) ISUZU	4	12	2/95>	JA24IS	GJ24IS
	2.0 DI 16V	2.0	60	X20DILC	4	12	9/96>8/97	SX126	GX126
OMEGA	B 2.0 DTI	2.0	74	X20DILC	4	12	9/97>	/	GX132
	2,0 DTI	2,0	74	X20DTH	4	12	02/98>	/	GX132
	B 2.5 TD	2.5	96	BMW U25 TD OHC R6	6	12	1/94>	SX74	GX74
	C 2,0 DTI 16V	2,0	74	Y 20 DTH	4	12	9/99>	/	GX135
	C 2,2 DTI 16V	2,2	88	Y 22 DTR	4	12	10/00-<	/	GX135
	2.0 DI 16V	2.0	74	X 20 DILC	4	12	9/97>	/	GX132
	3.0 TD	3,0	117	4JX1	4	12	07/98>	/	GJ1143IS
MONTEREY	3.1 TD	3.1	84	ISUZU C4 JG2	4	12	9/91>	JA26IS	GJ26IS
	1.9 DTI	1.9	59-60	F9Q-770	4	12	12/99>	/	GX82
	2,2 DTI	2,2	66	G9T-720	4	12	09/00>	/	GX150
	2.5 D	2.5	59	S8U-772	4	12	7/98>	SX68	GX68
MOVANO	2,8 DTI	2,8	84	S9W700-702	4	12	7/98>	SX79	GX79

APPLICATION LIST

V

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
VAUXHALL									
NOVA	1.5 D	1.5	37	ISUZU 15D/4 EC1AAD(S.N.804795->)	4	12	9/87>2/93	JA28IS	GJ28IS
	1.5 D,TD	1.5		OPEL	4	12	7/87>	SR74	GX74
	1.5 TD	1.5	49	ISUZU 15DT/T4 EC1AADT(S.N.->804794)	4	12	3/88>2/93	JA22IS	GJ26IS
	1.5 TD	1.5	49	ISUZU 15DT/T4 EC1AADT(S.N.804795->)	4	12	3/88>2/93	JA26IS	GJ26IS
SIGNUM	1,9 CDTI	1,9	88	Z 19 DT	4	12	04/04>	/	GX4151
	1,9 CDTI	1,9	110	Z 19 DTH	4	12	04/04>	/	GX4151
	2,0 DTI	2,0	74		4	12	05/03>	/	GX132
	2,2 DTI	2,2	92		4	12	05/03>	/	GX135
	3,0 V6 CDTI	3,0	130	Y 30 DT	6	12	05/03>	O	O
SINTRA	2,2 DTI	2,2	85	X22DTH	4		07/97>04/99	/	GX132
TIGRA	1,3 CDTI	1,3	51	Z 13 DT	4		06/04>	/	GX 4119
VECTRA	1.7 TD	1.7	60	X17 DT OHC Turbo <TC4 EE1>	4	12	09/95>	JA29IS	GJ29IS
	C 1,9 CDTI MK II	1,9	88	Z 19 DT	4	12	04/04>	/	GX4151
	C 1,9 CDTI MK II	1,9	110	Z 19 DTH	4	12	04/04>	/	GX4151
	C 1,9 CDTI MK II GTS	1,9	88	Z 19 DT	4	12	04/04>	/	GX4151
	C 1,9 CDTI MK II GTS	1,9	110	Z 19 DTH	4	12	04/04>	/	GX4151
	C 1,9 CDTI S.W.	1,9	88	Z 19 DT	4	12	04/04>	/	GX4151
	C 1,9 CDTI S.W.	1,9	110	Z 19 DTH	4	12	04/04>	/	GX4151
	2.0 DTI 16V	2.0	60	X 20 DILC	4	12	11/96>8/97	SX126	GX126
	2.0 DTI 16V	2.0	74	X 20 DILC	4	12	9/97>	/	GX132
	2,2 TDI 16V	2,2	92	Y 20 DTH, Y 22 DTR	4	12	08/00>	/	GX135
VIVARO	1.9 dTi	1.9	74	F9Q 760	4	12	08/01>	/	GX82
	1.9 di	1.9	59		4	12	08/01>	/	GX82
	2,5 DTI	2,5	99	G9U730	4	12	04/04>	/	GX 150
ZAFIRA	2.0 DI	2.0	60	X 20 DTL	4	12	10/99>	/	GX 132
	2.0 DTI 16V	2.0	74	X 20 DTH, X20DTL	4	12	04/99>	/	GX135
	2,2 DTI 16V	2,2	92	Y 22 DTR	4	12	01/02>	/	GX135
VOLKSWAGEN									
BORA	1,9 SDI	1,9	50	AGP, AQM	4	12	9/98>	SX93	GX93
	1,9 TDI	1,9	74	ATD, AXR	4	12	09/00>	/	GX98
	1,9 TDI	1,9	96	ASZ	4	12	11/00>	/	GX98
	1,9 TDI	1,9	110	AXR	4	12	10/01>	/	GX98
	1,9 TDI	1,9	66	AGR, ALH	4	12	9/98>	SX93	GX93
	1,9 TDI	1,9	66	COOLING WATER HEATER	3	12	9/98>	SX76	GX76
	1,9 TDI	1,9	81	AHF	4	12	9/98>	SX93	GX93
	1,9 TDI	1,9	81	COOLING WATER HEATER	3	12	9/98>	SX76	GX76
	1,9 TDI	1,9	85	AJM	4	12	9/98>	SX93	GX93
	1,9 TDI	1,9	85	COOLING WATER HEATER	3	12	9/98>	SX76	GX76
	1,9 TDI	1,9	66	ANU	4	12	1/99>	SX93	GX93
	1,9 TDI	1,9	66	COOLING WATER HEATER	3	12	1/99>	SX76	GX76
	1,9 TDI	1,9	110	ARL	4	12	05/00>	SX93	GX93
	1,9 TDI	1,9	110	COOLING WATER HEATER	3	12	05/00>	SX76	GX76
	1,9 TDI	1,9	74	ATD	4	12	10/00>	SX93	GX93
	1,9 TDI	1,9	74	COOLING WATER HEATER	4	12	10/00>	SX76	GX76

APPLICATION LIST

V

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
VOLKSWAGEN									
BUS	1,6 D	1.6	37	CS	4	12	1/81>7/87	SR58	GX59
	1,6 TD	1.6	51	JX	4	12	8/84>7/92	SR58	GX59
	1,8 D	1.8	42	KY	4	12	8/84>7/92	SX59	GX59
	1,9 D	1.9	44	1X	4	12	8/90>12/95	SX59	GX59
	1,9 TD	1.9	50	ABL	4	12	9/92>4/98	SX59	GX59
	2,4 D	2.4	55	AJA	5	12	5/97>4/98	SX59	GX59
	2,4 TD	2.4	57	AAB	5	12	8/90>4/98	SX59	GX59
	2,5 TDI	2.5	75	ACV	5	12	8/95>4/98	SX93	GX93
	2,5 TDI	2.5	111	AHY	5	12	5/98>	/	GX124
	2,5 TDI	2.5	65	AJT	5	12	5/98>	/	GX124
CADDY	1,6 D	1.6	40	JK, ME	4	12	>7/92	SR58	GX59
	1,7 SDI	1.7	42	AHB	4	12	10/96>	SX93	GX93
	1,9 D	1.9	47	AEF, 1Y	4	12	11/95>	SX59	GX59
	1,9 TDI	1.9	66	AHU	4	12	9/96>	SX93	GX93
	1,9 TDI	1.9	66	COOLING WATER HEATER	3	12	9/96>	SX76	GX76
	1,9 TDI	1.9	66	ALE	4	12	9/97>	SX93	GX93
	1,9 TDI	1.9	66	COOLING WATER HEATER	3	12	9/97>	SX76	GX76
CADDY III	1,9 TDI (2KA)	1.9	77	BJB	4	12	04/04>	/	GX2097
	1,9 TDI SW (2KB)	1.9	77	BJB	4	12	04/04>	/	GX2097
	2,0 SDI (2KA)	2.0	51	BDJ	4	12	03/04>	/	GX2117
	2,0 SDI S.W.(2KA)	2.0	51	BDJ	4	12	03/04>	/	GX2117
CALIFORNIA	1,9 D	1.9	45	1X	4	12	9/90>7/95	SX59	GX59
	1,9 TD	1.9	50	ABL	4	12	8/92>3/98	SX59	GX59
	2,4 D	2.4	57	AAB	5	12	9/90>4/98	SX59	GX59
	2,5 TDi	2.5	75	ACV	5	12	8/95>3/98	SX93	GX93
	2,5 TDI	2.5	65	AJT	5	12	5/98>	/	GX124
CARAVELLE	1,9 D	1.9	45	1X	4	12	10/90>4/97	SX59	GX59
	1,9 TD	1.9	50	ABL	4	12	10/92>	SX59	GX59
	2,4 D, SYNCRO	2.4	57	AAB	4	12	9/90>	SX59	GX59
	2,5 TDI	2.5	75	ACV	5	12	7/95>	SX93	GX93
	2,8 TDI	2.8	92	AGK	4	12	7/97>	/	GX149
CRAFTER	2,5 TDI 30-35 (2E)	2.5	65	BJJ	5	12	04/06>	/	GX2097
EOS	2,0 TDI CABRIOLET	2.0	103	BMM	4	12	06-09>	/	GX2097
EUROVAN	2,4 D	2.4	57	AAB	5	12	10/92>	SX59	GX59
	2,5 TDI	2.5	75	ACV	5	12	1/95>	SX93	GX93
GOLF I	1.5 D	1.5	37	CK	4	12	>7/80	SR58	GX59
	1,6 D	1.6	40	CR, JK	4	12	8/80>12/84	SR58	GX59
	1,6 TD	1.6	51	CY	4	12	3/82>12/83	SR58	GX59
GOLF II	1,6 D	1.6	40	ME, JK, JP	4	12	5/88>7/92	SR58	GX59
	1,6 D	1.6	44	1V	4	12	8/89>7/92	SR58	GX59
	1,6 TD	1.6	51	MF, JR	4	12	5/88>10/91	SR58	GX59
	1,6 TD	1.6	59	RA, SB	4	12	4/89>10/91	SR58	GX59
GOLF III	1,9 D	1.9	47	1Y	4	12	11/91>8/98	SX59	GX59
	1,9 TD	1.9	55	AAZ	4	12	11/91>8/98	SX59	GX59
	1,9 TDi	1.9	66	1Z	4	12	8/93>7/96	SX93	GX93
	1,9 TDi	1.9	66	COOLING WATER HEATER	3	12	8/93>7/96	SX76	GX76

APPLICATION LIST

V

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
VOLKSWAGEN									
GOLF III	1,9 TDi	1.9	81	AFN	4	12	2/96>8/98	SX93	GX93
	1,9 TDi	1.9	81	COOLING WATER HEATER	3	12	2/96>8/98	SX76	GX76
	1,9 TDi	1.9	66	ALE, AHU	4	12	5/96>8/98	SX93	GX93
	1,9 TDi	1.9	66	COOLING WATER HEATER	3	12	5/96>8/98	SX76	GX76
	1,9 VARIANT TDi	1.9	47-81	1Z,AEY,AFN	4	12	3/94>	SX93	GX93
GOLF IV	1,9 SDI	1.9	50	AGP, AQM	4	12	97>	SX93	GX93
	1,9 TDi	1.9	66	AGR, ALH	4	12	10/97>	SX93	GX93
	1,9 TDi	1.9	74	ATD, AXR	4	12	10/00>	/	GX98
	1,9 TDi	1.9	74	COOLING WATER HEATER	3	12	10/00>	SX76	GX76
	1,9 TDi	1.9	96	ASZ	4	12	11/00>	/	GX98
	1,9 TDi	1.9	81	AHF	4	12	10/97>	SX93	GX93
	1,9 TDi	1.9	81	COOLING WATER HEATER	3	12	10/97>	SX76	GX76
	1,9 TDi	1.9	85	AJM	4	12	8/98>	SX93	GX93
	1,9 TDi	1.9	85	COOLING WATER HEATER	3	12	8/98>	SX76	GX76
	1,9 TDi	1.9	66	ANU	4	12	1/99>	SX93	GX93
	1,9 TDi	1.9	66	COOLING WATER HEATER	3	12	1/99>	SX76	GX76
	1,9 TDi	1.9	110	ARL	4	12	10/01>	/	GX98
	1,9 TDi	1.9	110	ARL	4	12	01/00>	SX93	GX93
	1,9 TDi	1.9	110	COOLING WATER HEATER	3	12	01/00>	SX76	GX76
	1,9 TDi (1K1)	1.9	66	BRU, BXF	4	12	05/04>	/	GX2097
GOLF V	1,9 TDi (1K1)	1.9	77	BJB , BKC	4	12	10/03>	/	GX2097
	1,9 TDi (1K1) 4 MOTION	1.9	66	BKC, BLS, BXE	4	12	08/04>	/	GX2097
	2,0 GTD (1K1)	2.0	125	BMN	4	12	11/05>	/	GX2117
	2,0 SDI (1K1)	2.0	55	BDK	4	12	01/04>	/	GX2117
	2,0 TDi (1K1)	2.0	103	BKD, BMM	4	12	10/03>	/	GX2117
	2,0 TDi (1K1)	2.0	100	AZV	4	12	10/03>	/	GX2117
	2,0 TDi 4 MOTION (1K1)	2.0	103	BKD, BMM	4	12	08/04>	/	GX2117
	1,9 TDi (5M1)	1.9	77	BKC, BLS, BXE	4	12	01/05>	/	GX2097
	1,9 TDi (5M1)	1.9	66	BRU, BXF	4	12	05/05>	/	GX2097
	2,0 TDi (5M1)	2.0	100	AZV	4	12	05/05>	/	GX2117
	2,0 TDi (5M1)	2.0	103	BKD, BMM	4	12	01/05>	/	GX2117
	2,0 TDi (5M1)	2.0	103	BKD, BMM	4	12	01/05>	/	GX2117
ILTIS 12 Volts	1,6 D	1.6	51	1C	4	12	87-88	SR58	GX59
JETTA	1,6 D	1.6	40	CR, JK	4	12	8/80>2/84	SR58	GX59
	1,6 D	1.6	40-44	JP, ME, 1V	4	12	12/83>7/92	SR58	GX59
	1,6 TD	1.6	51	CY, JR, MF	4	12	8/82>10/91	SR58	GX59
	1,6 TD	1.6	59	RA, SB	4	12	4/89>10/91	SR58	GX59
	1,9 TDi (1K2)	1.9	77	BKC, BLS	4	12	09/05>	/	GX2097
	2,0 TDi (1K2)	2.0	103	BKD, BMM	4	12	08/05>	/	GX2117
	2,0 TDi (1K2)	2.0	103	BKD, BMM	4	12	08/05>	/	GX2117
LUPO	1,2 TDi	1.2	45	ANY, AYZ	3	12	07/99>	/	GX98
	1,2 TDi	1.2	45	ANY	3	12	10/98>	SX93	GX93
	1,4 TDi	1.4	55	AMF	3	12	01/99>	/	GX98
	1,7 SDI	1.7	42	AKU	4	12	10/98>	SX93	GX93
	1,7 SDI	1.7	42	COOLING WATER HEATER	3	12	10/98>	SX76	GX76
LT	2.4 TD	2.4	68-70	1G,ACL	6	12	8/88>12/95	SX59	GX59
	2.5 SDi	2.5	55	AGX	5	12	7/96>	SX93	GX93
	2.5 TDi	2.5	75	AHD, ACV	5	12	8/95>4/97	SX93	GX93

APPLICATION LIST

V

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
VOLKSWAGEN									
LT	2.5 TDi	2.5	66	APA	5	12	5/99>	SX93	GX93
	2,4 D	2,4	51	1S, ACT	6	12	8/88>12/95	SX59	GX59
	2,4 D	2,4	55	CP, DW	6	12	8/78>7/92	SR58	GX59
	2,4 TD	2,4	55-75	DW	6	12	12/82>7/92	SR58	GX59
	2,5 TDI	2,5	80	ANJ	5	12	1/99>	SX93	GX93
	2,8 TDI	2,8	92	AGK	4	12	06/97>12/98	/	GX149
	2,8 TDI	2,8	96	ATA	4	12	01/99>	/	GX149
	2,8 - 46 II TDI	2,8	116	AUH	4	12	04/02>	/	GX131
MULTIVAN T4	2.5 TDi	2.5	65	AJT	5	12	5/98>	/	GX124
MULTIVAN	1,9 D	1,9	44	1X	4	12	9/90>4/97	SX59	GX59
	1,9 TD	1,9	50	ABL	4	12	10/92>	SX59	GX59
	2,4 D	2,4	55-57	AAB, AJA	5	12	9/90>4/98	SX59	GX59
	2,5 TDI	2,5	75	ACV	5	12	8/95>4/98	SX93	GX93
	1,9 TDI	1,9	77	AXB	4	12	04/03>	/	GX98
	1,9 TDI	1,9	96	AXD	5	12	04/03>	/	GX98
	1,9 TDI (7HM)	1,9	75	BRS	4	12	06/06>	/	GX2097
	2,5 TDI	2,5	128	AXE	5	12	04/03>	/	GX98
NEW BEETLE	1,9 TDI	1,9	66	ALH, AGR	4	12	1/98>02/01	SX93	GX93
	1,9 TDI	1,9	66	COOLING WATER HEATER	3	12	1/98>02/01	SX76	GX76
	1,9 TDI, CABRIO	1,9	74	ATD	4	12	02/01>	/	GX98
	1,9 TDI, CABRIO	1,9	74	COOLING WATER HEATER	3	12	02/01>	SX76	GX76
	1,9 TDI, CABRIO	1,9	74	AXR	4	12	03/03>	/	GX98
	1,9 TDI (9C1, 1C1)	1,9	77	BSW	4	12	07/05>	/	GX2097
	1,9 TDI CABRIO (1Y7)	1,9	77	BSW	4	12	07/05>	/	GX2097
	1,9 TDI	1,9	77	BSW	4	12	07/05>	/	GX2097
PASSAT	1,5 D	1.5	37	CK	4	12	>10/80	SR58	GX59
	1,6 D	1.6	40	CR, JK	4	12	8/80>3/88	SR58	GX59
	1,9 D	1.9	47	1Y	4	12	5/89>10/93	SR58	GX59
	1,6 TD	1,6	59	RA, SB	4	12	8/88>10/93	SR58	GX59
	1,6 TD	1.6	51	CY	4	12	12/81>3/88	SR58	GX59
	1,9 TD	1.9	55	AAZ	4	12	3/91>12/96	SX59	GX59
	1,9 TDI	1,9	85	AJM	4	12	11/98>	SX93	GX93
	1,9 TDI	1,9	85	COOLING WATER HEATER	3	12	11/98>	SX76	GX76
	1,9 TDI	1,9	96	AVF	4	12	10/00>	SX93	GX93
	1,9 TDI	1,9	96	COOLING WATER HEATER	3	12	10/00>	SX76	GX76
	1,9 TDI	1,9	66	1Z	4	12	10/93>	SX93	GX93
	1,9 TDI	1,9	66	COOLING WATER HEATER	3	12	10/93>	SX76	GX76
	1,9 TDI	1,9	81	AFN	4	12	12/95>	SX93	GX93
	1,9 TDI	1,9	81	COOLING WATER HEATER	3	12	12/95>	SX76	GX76
	1,9 TDI	1,9	66	AHU, AHH	4	12	8/96>	SX93	GX93
	1,9 TDI	1,9	66	COOLING WATER HEATER	3	12	8/96>	SX76	GX76
	1,9 TDI (3C2)	1,9	77	BKC	4	12	03/05>	/	GX2097
	1,9 TDI VARIANT (3C5)	1,9	77	BKC, BLS	4	12	08/05>	/	GX2097
	2.0 TDI (3C2) 4motion	2,0	103	BKP, BMP	4	12	03/05>	/	GX2097
	2,0 TDI (3B3)	2,0	100	BGW	4	12	12/03>	/	GX2117
	2,0 TDI (3C2)	2,0	125	BMR	4	12	08/05>	/	GX2117
	2,0 TDI (3C2)	2,0	103	BKP. BMP	4	12	03/05>	/	GX2117

APPLICATION LIST

V

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
VOLKSWAGEN									
PASSAT	2,0 TDI VARIANT (3B6)	2,0	100	BGW	4	12	12/03>	/	GX2117
	2,0 TDI VARIANT (3C5)	2,0	90	BVD, BVE	4	12	08/05>	/	GX2117
	2,0 TDI VARIANT (3C5)	2,0	100	BMA	4	12	08/05>	/	GX2117
	2,0 TDI VARIANT (3C5)	2,0	103	BKP, BMP	4	12	08/05>	/	GX2117
	2,5 TDI	2,5	110	AFB, AHN	6	12	8/98>	/	GX124
	2,5 TDI	2,5	120	BDG	6	12	05/03>	/	GX124
	2,5 TDI 4MOTION	2,5	130	BAU , BDH	6	12	01/03>	/	GX124
	2,5 TDI VARIANT (3B6)	2,5	110	AFB, AKN	6	12	11/00>	/	GX124
PHAETON	3,0 TDI 4MOTION V6 (3D2)	3,0	165	BMK	6	12	09/04>	/	GX2127
	5,0 V10 TDI	5,0	230	AJS	10	12	11/02>	/	GX98
	3,2 V6	3.2	241	AYT, BKL	6	12	04/02>	/	GX 2097
	3,2 V6 4motion	3.2	177	BKL, BRK	6	12	02/04>	/	GX 2097
POLO	1,3 D	1.3	33	MN	4	12	8/85>7/90	SR58	GX59
	1,4 D	1.4	35	1W	4	12	10/90>7/94	SX59	GX59
	1,4 TDI	1,4	55	AMF	4	12	1/99>09/01	SX93	GX93
	1,4 TDI	1,4	55	BAY	4	12	10/01>	/	GX98
	1,9 D	1,9	47	1Y, AEF	4	12	1/96>	SX59	GX59
	1,7 SDi	1,7	42	AHB, AHG, AKU, AKW	4	12	1/96>	SX93	GX93
	1,7 SDi	1,7	44	AKU	4	12	10/99>	SX93	GX93
	1,9 SDI	1,9	47	AEY, AGD	4	12	12/95>4/98	SX93	GX93
	1,9 SDI	1,9	47	AGD, ASX	4	12	10/99>09/01	SX93	GX93
	1,9 TDI	1,9	74	ATD, AXR	4	12	10/01>	/	GX98
	1,9 TDI	1,9	81	AFN	4	12	6/98>	SX93	GX93
	1,9 TDI	1,9	81	COOLING WATER HEATER	3	12	6/98>	SX76	GX76
	1,9 TDI	1,9	66	AHU, ALE	4	12	1/97>	SX93	GX93
	1,9 TDI	1,9	66	COOLING WATER HEATER	3	12	1/97>	SX76	GX76
	1,9 TDI (9N)	1,9	96	ASZ, BLT	4	12	11/03>	/	GX2097
SANTANA	1,6 D	1.6	40	CR, JK	4	12	8/81>	SR58	GX59
	1,6 TD	1.6	51	CY	4	12	12/81>	SR58	GX59
SHARAN	1,9 TDI	1.9	66-81	1Z, AFN, AHU	4	12	9/95>4/00	SX93	GX93
	1,9 TDI	1.9	66-81	COOLING WATER HEATER	3	12	9/95>4/00	SX76	GX76
	1,9 TDI	1.9	85	AJM	4	12	4/00>	SX93	GX93
	1,9 TDI	1.9	85	COOLING WATER HEATER	3	12	4/00>	SX76	GX76
	1,9 TDI (7M6, 7M8, 7M9)	1,9	110	BTB	4	12	06/05>	/	GX2097
	2,0 TDI	2,0	103	BRT	4	12	11/05>	/	GX2097
TARO	2,4 D	2.4	61	2L	4	12	1/89>	JA127TO	GJ114TO
TOUAREG	2,5 R5 TDI	2,5	128	BAC	5	12	01/03>	/	GX98
	3,0 TDI V6 (7LA)	3,0	165	BKS	6	12	11/04>	/	GX2127
	5,0 V10 TDI (7LA)	5	230	AJS	10	12	10/02>	/	GX98
TOURAN	1,9 TDI	1,9	66	BRU	4	12	11/04>	/	GX2097
	1,9 TDI (1T1)	1,9	74	AVQ	4	12	02/03>	/	GX2097
	1,9 TDI (1T1)	1,9	77	BKC	4	12	08/03>	/	GX2097
	2,0 TDI	2,0	100	AZV	4	12	02/03>	/	GX2117
	2,0 TDI	2,0	103	BKD, BMM	4	12	08/03>	/	GX2117
TRANSPORTER	1,6 D	1,6	37	CS	4	12	1/81>7/87	SR58	GX59
	1,6 TD	1,6	51	JX	4	12	8/84>7/92	SR58	GX59

APPLICATION LIST

V

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
VOLKSWAGEN									
TRANSPORTER	1,7 D	1,7	42	KY	4	12	10/86>7/92	SR58	GX59
	1,9 D	1,9	45	1X	4	12	9/90>4/97	SX59	GX59
	1,9 TD	1,9	50	ABL	4	12	10/92>	SX59	GX59
	2,4 D	2,4	55	AJA	5	12	4/97>4/98	SX59	GX59
	2,4 TD	2,4	57	AAB	5	12	9/90>4/98	SX59	GX59
	2,5 TDI	2,5	65	AJT	5	12	5/98>	/	GX124
	2,5 TDI	2,5	75	ACV	5	12	1/95>	SX93	GX93
TRANSPORTER V	1,9 TDI	1,9	63	AXC	4	12	04/03>	/	GX98
	1,9 TDI	1,9	77	AXB	4	12	04/03>	/	GX98
	1.9 TDI (7HB, 7HJ)	1,9	75	BRS	5	12	06/06>	/	GX2097
	2,5 TDI	2,5	96	AXD	5	12	04/03>	/	GX98
	2,5 TDI	2,5	128	AXE	5	12	04/03>	/	GX98
TRANSPORTER T4	2,5 TDI	2,5	111	AHY	5	12	5/98>	/	GX124
VENTO	1,9 D	1,9	47	1Y	4	12	11/91>	SX59	GX59
	1,9 TD	1,9	55	AAZ	4	12	11/91>12/97	SX59	GX59
	1,9 TDI	1,9	81	AFN	4	12	2/96>12/97	SX93	GX93
	1,9 TDI	1,9	81	COOLING WATER HEATER	3	12	2/96>12/97	SX76	GX76
	1,9 TDI	1,9	66	1Z, AHU, ALE	4	12	7/93>	SX93	GX93
	1,9 TDI	1,9	66	COOLING WATER HEATER	3	12	7/93>	SX76	GX76
	1.9 SDi	1,9	47	AEY	4	12	1/95>12/97	SX93	GX93
VOLVO									
240	2.0 D	2.0	50	D 20	4	12	4/79>81	SR58	GX59
	2.4 D	2.4	60	D 24	4	12	4/79>8/93	SR58	GX59
340	1,6 D	1,6	40	D 16	4	12	9/84>7/91	SX64	GX64
360	1,6 D	1,6	40	D 16	4	12	7/84>7/91	SX64	GX64
	1,8 D	1,8	44	XUD7	4	12	9/98>	SX74	GX74
340	1,6 D	1,6	40	D 16	4	12	9/84>7/91	SX64	GX64
360	1,6 D	1,6	40	D 16	4	12	9/84>7/91	SX64	GX64
	1,8 D	1,8	44	XUD 7	4	12	9/98>	SX74	GX74
440	1,9 TD	1,9	66	RENAULT F8Q TURBO	4	12	1/93>8/97	SX60	GX60
460	1,9 TD	1,9	66	D 19 T	4	12	6/94>8/97	SX60	GX60
740	2,4 D	2,4	60	D 24	6	12	4/84>7/92	SR58	GX59
	2,4 TD	2,4	80	D 24 T	6	12	4/87>7/92	SR58	GX59
	2,4 TD INTERCOOLER	2,4	85	D 24 TIC	6	12	4/87>7/92	SR58	GX59
760	2,4 TD	2,4	80	D 24 T	6	12	8/82>7/87	SR58	GX59
	2,4 TD INTERCOOLER	2,4	85	D 24 TIC	6	12	8/87>7/92	SR58	GX59
780	2,4 TD	2,4	85	D 24 TIC	6	12	8/85>7/91	SR58	GX59
850	2,5 TDI	2,5	103	AUDI AEL, D5252	5	12	8/95>	SX93	GX93
940	2,4 GL, GLE	2,4	85	D 24 TIC	6	12	9/90>8/97	SX59	GX59
	2,4 TD	2,4	80	D 24, D 24 T	6	12	9/90>8/93	SX59	GX59
	2,4 TD INTERCOOLER/KOMBI	2,4	90	D 24 TIC	6	12	1/94>8/97	SX59	GX59

APPLICATION LIST

V

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
VOLVO									
960	2,4 TD INTERCOOLER	2.4	85	D 24 TIC	6	12	9/91>8/97	SX59	GX59
S 40	1.9 TD	1.9	66	F8Q	4	12	5/96>	SX60	GX60
S 40 I	1.9 Di	1.9	70	D 4192 T2	4	12	03/99>07/00	SX84	GX84
S 40 I	1.9 Di	1.9	66	D 4192 T4	4	12	07/00-12/03		GX82
S 40 II	1,6 D	1,6	81		4	12	01/05>	/	GX4118
	2,0 D	2,0	100	RHR (DW10BTED4)	4	12	01/04>	/	GX117
	2,4 D	2,4	96	D 5244T2	5	12	12/01>	/	GX4126
S 60	2,4 D5	2,4	120	D 5244T	5	12	07/01>	/	GX4126
	2,5 TDI	2,5	103	D 5252T	5	12	07/01>	SX93	GX93
S 70	2.5 TDI	2.5	103	D 5252T	5	12	4/97>	SX93	GX93
S 80	2,4 D	2,4	96	D 5244T2	5	12	10/01>	/	GX4126
	2,4 D5	2,4	120	D 5244T	5	12	08/01>	/	GX4126
	2.5 TDI	2.5	103	D 5252T	5	12	1/99>	SX93	GX93
V 40	1.9 TD	1.9	66	F8Q	4	12	1/96>	SX60	GX60
	1.9 Di Station Wagon	1.9	70	D 4192 T2	4	12	03/99>07/00	GX84	SX84
	1.9 Di	1.9	75-85	D 4192 T3	4	12	07/00>		GX82
V 50	1,6 D	1,6	81		4	12	01/05>	/	GX4118
	2,0 D	2,0	100	RHR (DW10BTED4)	4	12	04/04>	/	GX117
V 70	2,4 D	2,4	96	D 5244T2	5	12	12/01>	/	GX4126
	2,4 D5	2,4	120	D 5244T	5	12	1/01>	/	GX4126
	2,4 D5 AWD	2,4	120	D 5244T2	5	12	03/03>	/	GX4126
	2,5 TDI	2.5	103	D 5252T	5	12	4/97>	SX93	GX93
XC 70	2,5 D5	2,5	120	D 5244T	5	12	09/02>	/	GX4126
V 90	3,6 F 407/408	3.6	80-88	TD 40 A	4	12	4/78>2/86	R78	GX78
XC 90	2,4 D5	2,4	120	D 5244T	5	12	10/02>	/	GX4126
Aktiv S 800				Perkins 4-154 (TA)		12	01/72>12/75	TA50E	/
Combine	Harvester			Perkins 4-154 (TA)		12	01/70>	TA50E	/
				Perkins 4-236 (TA)		12	01/66>12/69	TA50E	/
				Perkins 4-108 (TA)		12	01/66>12/70	TA50E	/
D 430	Agric Tractor			Perkins D3-152 (TA)		12	01/69>	TA50E	/
	Buster			Perkins D3-152 (TA)		12	01/69>12/70	TA50E	/
	Tractor			Perkins D3-152		12	01/69>	TA50E	/
				Perkins D3-152 (TA)		12	01/69>12/70	TA50E	/
F 82 Truck				Perkins 4-236		12	01/72>	TA50E	/
				Perkins 4-236		12	26299	TA50E	/
G 65 & G 80				Perkins 4-236		12	01/73>	TA60B	/
Industrial Tractor				Perkins D3-152 (TA)		12	01/69>	TA50E	/
Lapplander Jeep				Perkins 4-108		12	01/71>12/75	TA50E	/
S 830				Perkins 4-154 (TA)		12	01/72>12/75	TA50E	/
S 900	Combine			Perkins 4-236 (TA)		12	01/69>	TA50E	/
				Perkins 4-248 (TA)		12	01/68>	TA50E	/
SM 462 Combine				Perkins 3-152 (TA)		12	01/72>	TA50E	/

APPLICATION LIST

V-Y

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
VOLVO									
ST 257, 280				Perkins 4-99		12	01/72>	TA50E	/
				Perkins 4-107 (TA)		12	01/72>12/75	TA50E	/
ST 257, Combine				Perkins 4-107 (TA)		12	01/66>12/70	TA50E	/
T 400 Terrier				Perkins D3-152 (TA)		12	01/72>12/75	TA50E	/
T 430				Perkins D3-152 (TA)		12	01/72>12/75	TA50E	/
T 430-1				Perkins D3-152 (TA)		12	01/72>12/75	TA50E	/
T 500				Perkins 4-236 (A)		12	01/74>	TA60B	/
Terrier Tractor				Perkins 3-150 (TA)		12	01/68>12/70	TA50E	/
				Perkins 3-152 (TA)		12	01/65>12/70	TA50E	/
VF 82-83	Truck			Perkins 4-236 (V)		12	01/69>	TA50E	/
				Perkins 4-236		12	01/67>12/68	TA50E	/
VOLVO PENTA									
AQD 19, 21A					4	12		AN920VO	/
AQD 27, 29A					6	12		AN920VO	/
AQD 29A, MD 29A					6	24		AN930VO	/
AQD 32A					6	12		AN920VO	/
AQD 32A, MD 32A					6	24		AN930VO	/
MD 19, 21A					4	12		AN920VO	/
MD 21A					4	24		AN930VO	/
MD 27, 32A					6	12		AN920VO	/
MD 29A					6	12		AN920VO	/
YANMAR									
COMBINE	CA125.140.160			3TN63-U1C, 3TN66-U1C, 3TNA68-U1C	3	12		JA300YA	GJ84NI
	CA15			3TNA68U	3	12		JA300YA	GJ84NI
	CA15G			3TNA68U-C	3	12		JA300YA	GJ84NI
	CA17.19.21			3T70B-NAC, 3T70B-NBC, 3T72H-NAC	3	12		JA300YA	GJ84NI
	CA17G.17DT, CA19G.19DT			3TNA72-UBC	3	12		JA300YA	GJ84NI
	CA19DG.21DG			3TNA72-UAC, 3TN75-RAC	3	12		JA300YA	GJ84NI
	CA21G.21DT			3TNA75-RAC	3	12		JA300YA	GJ84NI
				3TNT5U, 3TNA72-UJ, 3TN66/E	3	12		JA300YA	GJ84NI
CONSTR. MACHIN.	B-08, B-12, B-17			3TNA72L-UBA/UBB, 3TN66L-UB	3	12		JA300YA	GJ84NI
	Vi-1			3TN66L-UKB	3	12		JA300YA	GJ84NI
	Vio15, Vio20			3TNE68L-UBA/UBB	3	12		JA300YA	GJ84NI
GENERATOR				3TN66L- UGH/UGCD	3	12		JA300YA	GJ84NI

APPLICATION LIST

Y-Z

VEHICLE	MODEL	CC.	KW	ENGINE	Cyl	V	YEAR	Standard Single Coil	GENESIS Twin Coil
YANMAR									
TRACTORS	AF-15.16.17.18			3TNA72-UIA, 3TNE74-UIA	3	12		JA300YA	GJ84NI
	F13.14.15.16,F(X)17			3TNA70UK, 3TNA70UN, 3TNA72UN	3	12		JA300YA	GJ84NI
	F5.6.7(D)			3TNA72, 3TN75	3	12		JA300YA	GJ84NI
	FX16.17.18.20.22(D)			3TN75-UA.UB, 3TN80-U, 3TN82-U	3	12		JA300YA	GJ84NI
	FX26.28.32.42(D)			4TN78-UM.UP.UK	4	12		JA300YA	GJ84NI
	Ke-2, Ke-3, Ke-2A, Ke-3A			3TNA68-UNK, 3TN66-U/UNK	3	12		JA300YA	GJ84NI
	Ke-4A			3TN68-UNK, 3TN72-UNK	3	12		JA300YA	GJ84NI
				3TNA72	3	12		JA300YA	GJ84NI
ZUK									
TRANSPORTER	2,4 D	2,4	51-68	C90, CT90	4	12		AN600OP	/

CONVERSION LIST
LISTA DI COMPARAZIONE
TABLE DE CONVERSION

O.E.M. - O.E.S.

CONVERSION LIST

O.E.M. - O.E.S.

A-B

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
ACDelco			
11 G	US 550 CH	GUS 555 CH	6,0
12 G	US 567 CH	/	11,0
27 G	AN 750 IH	/	11,0
28 G	SR 58	GX 59	11,0
29 G	AN 1000 ME	/	0,9
30 G	SR 74	GX 74	11,0
31 G	SX 59	GX 59	11,0
32 G	US 575 CH	GUS 575 CH	10,5
37 G	/	GX 130	11,0
60 G	US 550 CH	GUS 555 CH	6,0
7 G	US 566 CH	GUS 566 CH	6,0
8 G	US 565 CH	GUS 565 CH	10,5
9 G	US 550 CH	GUS 555 CH	6,0
101 G	/	GX 129	11,5
102 G	SX 97	GX 97	11,0
103 G	/	GX 124	12,0
104 G	/	GX 128	11,5
105 G	/	GX 122	11,5
109 G	/	GX 106	11,0
110 G	SX 93	GX 93	11,0
114 G	SX 119	GX 119	11,5
117 G	SX 89	GX 89	11,0
118 G	SX 116	GX 116	11,5
233G	JA 16 IS	GJ 28 IS	5,0
241G	SR 74	GX 74	11,0
250 G	JA 28 IS	GJ 28 IS	11,0
350G	SX 79	GX 79	11,0
352 G	SX 90	GX 90	11,0
353 G	SX 95	GX 95	11,0
354 G	/	GX 82	11,0
355 G	/	GX 99	11,0
356 G	/	GX 150	11,0
357 G	SX107	GX107	11,0
358 G	/	GX 103	11,0
359 G	SX 84	GX 84	11,0
363 G	SX 94	GX 94	11,0
365 G	/	GX 132	11,0
367 G	SX 84	GX 84	11,0
368 G	JA 56 MI	GJ 55 MI	12,0
371 G	JA 26 IS	GJ 26 IS	11,0
52 GG/93893060	JA 69 NI	GJ 69 NI	6,5
507 GG/93893047	SR 74	GX 74	11,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
AUTOLITE			
1101	SR 58	GX 59	11,0
1102	AN 1000 ME	/	0,9
1103	SR 74	GX 74	11,0
1104	SX 59	GX 59	11,0
1105	US 550 CH	GUS 555 CH	6,0
1106	US 566 CH	GUS 566 CH	6,0
1107	US 565 CH	GUS 565 CH	10,5
1108	US 575 CH	GUS 575 CH	10,5
1109	US 567 CH	/	11,0
1110	US 550 CH	GUS 555 CH	6,0
1111	/	GX 130	11,0
1112	US 550 CH	GUS 555 CH	6,0
1113	/	GX 137	11,0
1116	SX 93	GX 93	11,0
BERU			
0 100 100 203	AN 1050 RO	/	1,7
0 100 101 302	AN 1020 ME	/	0,9
0 100 101 305	AN 1020 ME	/	0,9
0 100 101 306	AN 1020 ME	/	0,9
0 100 101 308	AN 1000 ME	/	0,9
0 100 220 101	N 58	GX 59	11,0
0 100 220 103	N 58	GX 59	11,0
0 100 220 113	JA 82 NI	GJ 75 NI	6,5
0 100 220 114	JA 63 NI	GJ 84 NI	11,0
0 100 220 115	JA 73 NI	GJ 84 NI	10,5
0 100 220 118	JA 84 NI	GJ 84 NI	11,0
0 100 220 119	JA 84 NI	GJ 84 NI	11,0
0 100 220 176	SX 70	GX 70	11,5
0 100 220 206	AN 600 OP	/	11,0
0 100 220 210	AN 600 OP	/	11,0
0 100 221 101	E 200 PE	/	12,0
0 100 221 102	N 76	GX 74	11,0
0 100 221 103	N 76	GX 74	11,0
0 100 221 104	N 76	GX 74	11,0
0 100 221 105	SR 58	GX 59	11,0
0 100 221 106	N 76	GX 74	11,0
0 100 221 107	SR 73	GX 74	11,5
0 100 221 108	N 68	GX 68	11,0
0 100 221 110	SR 58	GX 59	11,0
0 100 221 112	SX 74	GX 74	11,0
0 100 221 114	R 74	GX 74	11,0
0 100 221 118	SR 74	GX 74	11,0

CONVERSION LIST

O.E.M. - O.E.S.

B

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BERU			
0 100 221 125	SR 64	GX 64	11,0
0 100 221 132	SR 68	GX 68	11,0
0 100 221 133	SR 74	GX 74	11,0
0 100 221 134	SR 58	GX 59	11,0
0 100 221 135	R 74	GX 74	11,0
0 100 221 136	E 200 PE	/	12,0
0 100 221 141	N 78	GX 78	11,0
0 100 221 141	R 78	GX 78	11,0
0 100 221 144	SR 66	GX 66	11,0
0 100 221 145	SR 74	GX 74	11,0
0 100 221 146	SR 67	GX 66	11,5
0 100 221 147	JA 56 MI	GJ 55 MI	12,0
0 100 221 148	JA 102 TO	GJ 121 TO	8,5
0 100 221 148	JA 110 TO	GJ 121 TO	8,5
0 100 221 149	JA 69 NI	GJ 69 NI	6,5
0 100 221 151	JA 114 TO	GJ 114 TO	11,0
0 100 221 152	JA 78 NI	GJ 75 NI	11,0
0 100 221 153	SR 73	GX 74	11,5
0 100 221 154	JA 136 MA	GJ 130 MA	10,5
0 100 221 155	SR 73	GX 74	11,5
0 100 221 162	SR 71	GX 70	11,5
0 100 221 163	SX 77	GX 74	11,0
0 100 221 164	SR 73	GX 74	11,5
0 100 221 167	SR 72	GX 74	11,0
0 100 221 168	JA 59 NI	GJ 59 NI	11,0
0 100 221 170	SR 83	GX 83	11,0
0 100 221 186	JA 16 IS	GJ 28 IS	5,0
0 100 221 199	JA 503 HN	/	11,5
0 100 221 201	AN 600 OP	/	11,0
0 100 221 206	AN 450 PG	/	9,5
0 100 221 209	AN 650 OP	/	8,0
0 100 221 210	AN 500 CI	/	9,5
0 100 221 301	AN 840 KH	/	10,5
0 100 221 304	AN 800 KH	/	9,5
0 100 221 305	AN 830 KH	/	9,5
0 100 221 311	AN 1200 ME	/	9,0
0 100 221 314	SX 89	GX 89	11,0
0 100 222 101	JA 122 TO	GJ 114 TO	7,0
0 100 222 102	/	GJ 125 TO	16,0
0 100 222 103	JA 122 TO	GJ 114 TO	7,0
0 100 222 104	JA 129 TO	GJ 114 TO	6,0
0 100 222 105	JA 129 TO	GJ 114 TO	6,0
0 100 222 301	AN 820 KH	/	10,5
0 100 222 302	AN 400 PG	/	9,5

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BERU			
0 100 222 304	AN 400 PG	/	9,5
0 100 222 307	AN 400 PG	/	9,5
0 100 222 307	AN 920 VO	/	9,5
0 100 222 308	AN 900 HA	/	9,5
0 100 226 009	/	GX 2117	4,4
0 100 226 120	JA 73 NI	GJ 84 NI	10,5
0 100 226 122	JA 8 IS	GJ 28 IS	10,5
0 100 226 124	JA 75 NI	GJ 75 NI	8,5
0 100 226 125	JA 63 NI	GJ 84 NI	11,0
0 100 226 128	SX 72	GX 74	11,5
0 100 226 129	SR 125	GX 125	11,5
0 100 226 138	/	GX 130	11,0
0 100 226 163	R 69	GX 74	11,0
0 100 226 164	SR 60	GX 60	11,0
0 100 226 170	JA 59 NI	GJ 59 NI	11,0
0 100 226 171	JA 260 NI	GJ 260 NI	11,0
0 100 226 172	SX 93	GX 93	11,0
0 100 226 173	SX 59	GX 59	11,0
0 100 226 175	SX 119	GX 119	11,5
0 100 226 176	SX 70	GX 70	11,5
0 100 226 180	JA 116 TO	GJ 121 TO	7,0
0 100 226 182	JA 121 TO	GJ 121 TO	10,5
0 100 226 183	JA 57 MI	GJ 55 MI	6,0
0 100 226 184	SX 84	GX 84	11,0
0 100 226 185	SX 75	GX 74	11,0
0 100 226 186	SX 74	GX 74	11,0
0 100 226 188	SX 89	GX 89	11,0
0 100 226 189	SX 69	GX 69	11,0
0 100 226 190	SX 68	GX 68	11,0
0 100 226 190	SX 71	GX 68	11,0
0 100 226 194	JA 86 NI	GJ 55 MI	11,0
0 100 226 197	SX 74	GX 74	11,0
0 100 226 198	SX 71	GX 68	11,0
0 100 226 199	SX 76	GX 76	11,0
0 100 226 203	/	GX 148	11,5
0 100 226 205	SX 61	GX 61	10,0
0 100 226 206	SX 126	GX 126	11,0
0 100 226 207	JA 28 IS	GJ 28 IS	11,0
0 100 226 208	JA 26 IS	GJ 26 IS	11,0
0 100 226 209	JA 22 IS	GJ 26 IS	5,0
0 100 226 210	SX 116	GX 116	11,5
0 100 226 226	SX 64	GX 64	11,0
0 100 226 227	SX 93	GX 93	11,0
0 100 226 229	SX 75	GX 74	11,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BERU			
0 100 226 231	SX 64	GX 64	11,0
0 100 226 233	JA 55 MI	GJ 55 MI	6,2
0 100 226 234	SX 70	GX 70	11,5
0 100 226 235	SX 116	GX 116	11,5
0 100 226 237	SX 60	GX 60	11,0
0 100 226 238	SX 84	GX 84	11,0
0 100 226 239	/	GX 81	11,0
0 100 226 241	SX 86	GX 86	11,5
0 100 226 242	JA 144 DA	GJ 121 TO	7,0
0 100 226 243	JA 127 TO	GJ 114 TO	11,0
0 100 226 245	SX 94	GX 94	11,0
0 100 226 246	SX 120	GX 120	11,0
0 100 226 248	SX 61	GX 61	10,0
0 100 226 249	SX 67	GX 67	11,0
0 100 226 250	SX 86	GX 86	11,5
0 100 226 251	SX 70	GX 70	11,5
0 100 226 253	ST 68	WW 68	11,0
0 100 226 254	SX 74	GX 74	11,0
0 100 226 255	/	GX 108	11,0
0 100 226 256	/	GX 124	12,0
0 100 226 258	SX 119	GX 119	11,5
0 100 226 260	/	GX 129	11,5
0 100 226 284	/	GX 149	11,5
0 100 226 299	SX 63	GX 63	11,0
0 100 226 300	/	GX 132	11,0
0 100 226 301	/	GX 96	10,0
0 100 226 302	/	GJ 263 NI	11,0
0 100 226 305	JA 116 TO	GJ 121 TO	7,0
0 100 226 306	SX 66	GX 66	11,0
0 100 226 307	JA 55 MI	GJ 55 MI	6,2
0 100 226 309	JA 28 IS	GJ 28 IS	11,0
0 100 226 310	JA 26 IS	GJ 26 IS	11,0
0 100 226 311	JA 127 TO	GJ 114 TO	11,0
0 100 226 312	/	GJ 1143 IS	11,0
0 100 226 331	JA 116 TO	GJ 121 TO	7,0
0 100 226 333	/	GX 3095	11,0
0 100 226 336	/	GJ 1302 MA	11,0
0 100 226 338	/	GX 124	12,0
0 100 226 343	SX 97	GX 97	11,0
0 100 226 344	SX 107	GX 107	11,0
0 100 226 345	JA 121 TO	GJ 121 TO	10,5
0 100 226 349	JA 109 TO	GJ 121 TO	11,0
0 100 226 351	/	GX 150	11,0
0 100 226 352	JA 260 NI	GJ 260 NI	11,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BERU			
0 100 226 353	/	GX 128	11,5
0 100 226 354	SX 79	GX 79	11,0
0 100 226 362	/	GX 106	11,0
0 100 226 364	/	GX 106	11,0
0 100 226 365	/	GX 128	11,5
0 100 226 366	SX 74	GX 74	11,0
0 100 226 367	SX 61	GX 61	10,0
0 100 226 368	/	GX 122	11,5
0 100 226 369	SX 61	GX 61	10,0
0 100 226 370	/	GX 133	11,0
0 100 226 371	SX 90	GX 90	11,0
0 100 226 372	SX 95	GX 95	11,0
0 100 226 373	/	GX 82	11,0
0 100 226 375	/	GX 99	11,0
0 100 226 376	/	GX 80	12,0
0 100 226 379	/	GX 129	11,5
0 100 226 381	SX 61	GX 61	10,0
0 100 226 382	JA 130 MA	GJ 130 MA	10,5
0 100 226 383	JA 53 MI	GJ 53 MI	11,0
0 100 226 384	/	GX 96	10,0
0 100 226 385	/	GX 148	11,5
0 100 226 391	SX 91	GX 91	11,0
0 100 226 392	/	GX 122	11,5
0 100 226 394	/	GX 137	11,0
0 100 226 395	/	GX 129	11,5
0 100 226 396	/	GX 106	11,0
0 100 226 397	/	GX 124	12,0
0 100 226 417	/	GX 135	11,0
0 100 226 418	SX 70	GX 70	11,5
0 100 226 419	/	GX 129	11,5
0 100 226 422	/	GX 102	11,0
0 100 226 432	SX 74	GX 74	11,0
0 100 226 435	/	GX 131	11,5
0 100 226 436	/	GX 103	11,0
0 100 226 437	/	GJ 94 TO	11,0
0 100 226 438	SR 74	GX 74	11,0
0 100 226 439	SX 64	GX 64	11,0
0 100 226 440	SX 59	GX 59	11,0
0 100 226 441	R 74	GX 74	11,0
0 100 226 442	SX 74	GX 74	11,0
0 100 226 443	SR 67	GX 66	11,5
0 100 226 444	SR 74	GX 74	11,0
0 100 226 445	N 76	GX 74	11,0
0 100 226 446	SR 66	GX 66	11,0

CONVERSION LIST

O.E.M. - O.E.S.

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	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BERU			
0 100 226 447	SX 77	GX 74	11,0
0 100 226 448	SX 75	GX 74	11,0
0 100 226 449	SX 70	GX 70	11,5
0 100 226 450	SX 67	GX 67	11,0
0 100 226 451	SR 73	GX 74	11,5
0 100 226 452	SR 68	GX 68	11,0
0 100 226 453	SX 75	GX 74	11,0
0 100 226 454	SX 89	GX 89	11,0
0 100 226 455	SX 93	GX 93	11,0
0 100 226 456	SX 119	GX 119	11,5
0 100 226 457	SX 116	GX 116	11,5
0 100 226 458	/	GX 129	11,5
0 100 226 459	SX 97	GX 97	11,0
0 100 226 460	/	GX 124	12,0
0 100 226 461	/	GX 128	11,5
0 100 226 462	/	GX 122	11,5
0 100 226 463	SX 61	GX 61	10,0
0 100 226 464	/	GX 106	11,0
0 100 226 465	JA 16 IS	GJ 28 IS	5,0
0 100 226 466	JA 28 IS	GJ 28 IS	11,0
0 100 226 473	/	GX 129	11,5
0 100 226 474	/	GX 98	11,0
0 100 226 475	JA 109 TO	GJ 121 TO	11,0
0 100 226 480	/	GJ 94 TO	11,0
0 100 226 481	JA 130 MA	GJ 130 MA	10,5
0 100 226 482	/	GX 98	11,0
0 100 226 489	/	GX 135	11,0
0 100 226 492	/	GX 117	11,0
0 100 226 493	/	GX 4152	11,0
0 100 226 494	/	GX 123	11,0
0 100 226 495	JA 29 IS	GJ 29 IS	11,0
0 100 226 496	/	GX 4152	11,0
0 100 226 497	/	GX 145	11,0
0 100 226 505	/	GX 137	11,0
0 100 226 511	JA 53 MI	GJ 53 MI	11,0
0 100 226 513	JA 261 NI	GJ 261 NI	11,0
0 100 226 514	JA 260 NI	GJ 260 NI	11,0
0 100 226 517	/	GX 4152	11,0
0 100 230 101	JA 80 NI	GJ 80 NI	23,0
0 100 230 102	JA 65 NI	/	23,0
0 100 230 103	JA 65 NI	/	23,0
0 100 230 105	/	GJ 80 NI	23,0
0 100 230 106	/	GJ 85 NI	24,0
0 100 230 107	/	GJ 85 NI	24,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BERU			
0 100 231 101	N 75	/	18,0
0 100 231 102	N 75	/	18,0
0 100 231 103	N75	/	22,5
0 100 231 104	/	GJ 132 MA	23,0
0 100 231 107	/	GJ 118 TO	14,0
0 100 231 109	/	GJ 88 NI	24,0
0 100 231 110	/	GX 127	23,0
0 100 231 114	/	GJ 118 TO	23,0
0 100 231 115	/	GJ 118 TO	14,0
0 100 231 120	N 75	/	18,0
0 100 231 121	N 75	/	18,0
0 100 231 122	/	GJ 132 MA	23,0
0 100 231 305	AN 810 KH	/	18,0
0 100 232 301	AN 930 VO	/	22,5
0 100 266 002	/	GX 2106	5,0
0 100 266 003	/	GX 2135	5,0
0 100 266 004	/	GX 2117	4,4
0 100 266 005	/	GX 2133	5,0
0 100 266 008	/	GX 2097	5,0
0 100 266 009	/	GX 2117	4,4
0 100 266 016	/	GX 2127	4,4
0 100 226 504	/	GX 82	11,0
0 100 226 510	/	GX 150	11,0
0 100 226 520	JA 24 IS	GJ 24 IS	11,0
0 100 226 525	JA 24 IS	GJ 24 IS	11,0
0 100 271 101	US 575 CH	GUS 575 CH	10,5
0 100 271 102	US 565 CH	GUS 565 CH	10,5
0 100 271 103	US 575 CH	GUS 575 CH	5,0
0 100 271 106	US 550 CH	GUS 555 CH	6,0
0 100 271 301	AN 101	/	12,0
0 100 271 601	AN 750 IH	/	11,0
0 100 271 602	AN 700 IH	/	12,0
0 100 276 002	/	GX 4126	11,0
0 100 276 003	/	GX 4153	11,0
0 100 276 004	/	GX 4118	11,0
0 100 276 005	/	GX 4126	11,0
0 100 276 006	/	GX 4126	11,0
0 100 276 007	/	GX 4119	11,0
0 100 276 008	/	GX 4119	11,0
0 100 276 009	/	GX 4149	11,5
0 100 276 010	/	GX 4151	11,0
0 100 276 014	/	GX 4149	11,5
0 100 276 015	/	GX 4151	11,0
0 100 281 301	AN 201	/	24,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BERU			
0 100 331 301	AN 930 VO	/	22,5
0 101 032 603	TA 30 B	/	24,0
0 101 072 405	TA 8 B	/	8,0
0 101 072 408	TA 8 B	/	8,0
0 101 072 409	TA 8 B	/	8,0
0 101 072 603	TA 50 E	/	12,0
0 101 072 603	TA 50 E	/	12,0
0 101 223 401	TF 140	/	9,5
0 101 223 449	TF 180	/	11,0
0 101 223 454	TF 170	/	9,5
0 101 223 459	TF 170	/	9,5
0 101 223 461	TF 180	/	11,0
0 101 233 401	TF 160	/	19,0
0 101 233 413	TF 150	/	19,0
0 101 233 418	TF 130	/	19,0
0 101 233 486	TF 190	/	24,0
0 102 024 405	AN 1186 FD	/	11,0
0 102 113 303	AN 1180 WE	/	4,0
0 102 123 203	AN 1182 EB	/	12,0
0 102 124 404	AN 1184 PK	/	12,0
0 102 124 405	AN 1182 EB	/	12,0
0 102 124 416	AN 1184 PK	/	12,0
0 102 124 418	AN 1184 PK	/	12,0
0 102 133 204	AN 1183 WE	/	24,0
0 102 173 201	AN 1181 WE	/	12,0
0 102 173 212	AN 1181 WE	/	12,0
9233118000	SX 120	GX 120	11,0
105 MN	N 76	GX 74	11,0
106 MJ	AN 600 OP	/	11,0
107 MJ	AN 400 PG	/	9,5
108 MJ	AN 400 PG	/	9,5
112 M	E 200 PE	/	12
130 MJ	AN 500 CI	/	9,5
137 MJ	AN 600 OP	/	11,0
141 M	N 58	GX 59	11,0
141 MJ	N 58	GX 59	11,0
142 MJ	AN 940 VO	/	18,0
151 MJ	N 76	GX 74	11,0
154 GS	TA 50 E	/	12,0
154 GSF	TA 50 E	/	12,0
161 MJ	N 76	GX 74	11,0
162 MJ	N 58	GX 59	11,0
166 GS	TA 30 B	/	24,0
167 G	TF 160	/	19,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BERU			
169 G	TF 140	/	9,5
171 MJ	AN 400 PG	/	9,5
172 G	TF 150	/	19,0
173 G	TF 170	/	9,5
184 G	AN 1186 FD	/	11,0
184 M	AN 1186 FD	/	11,0
214 GK	AN 1020 ME	/	0,9
219 CG	AN 1050 RO	/	1,7
220 G	AN 1050 RO	/	1,7
348 GK	AN 1020 ME	/	0,9
368 GK	AN 1020 ME	/	0,9
380 MJ	AN 930 VO	/	22,5
382 GK	AN 1020 ME	/	0,9
400 G	AN 1184 PK	/	12,0
408 GS	AN 1182 EB	/	12,0
601 MJ	SR 58	GX 59	11,0
602 MJ	N 76	GX 74	11,0
603 MJ	SR 73	GX 74	11,5
604 MJ	N 76	GX 74	11,0
605 MJ	SR 58	GX 59	11,0
606 MJ	SR 74	GX 74	11,0
607 MJ	SR 73	GX 74	11,5
609 MJ	R 74	GX 74	11,0
613 MJ	SR 74	GX 74	11,0
624 MJ	SR 74	GX 74	11,0
630 G	TF 150	/	19,0
631 MJ	SR 68	GX 68	11,0
633 MJ	SR 73	GX 74	11,5
634 GS	TA 8 B	/	8,0
636 MJ	SR 74	GX 74	11,0
639 GS	AN 1181 WE	/	12,0
642 MJ	SR 72	GX 74	11,0
651 MJ	SR 73	GX 74	11,5
657 MJ	R 78	GX 78	11,0
661 MJ	SR 67	GX 66	11,5
663 MJ	SR 73	GX 74	11,5
666 MJ	SR 66	GX 66	11,0
673 MJ	JA 56 MI	GJ 55 MI	12,0
678 MJ	JA 98 TO	GJ 121 TO	8,0
682 G	TF 170	/	9,5
683 G	TF 170	/	9,5
685 MJ	JA 71 NI	GJ 69 NI	8,5
687 MJ	SX 59	GX 59	11,0
688 MJ	JA 108 TO	GJ 114 TO	11,0

CONVERSION LIST

O.E.M. - O.E.S.

B

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BERU			
689 MJ	N 58	GX 59	11,0
690 G	TF 160	/	19,0
691 MJ	SR 73	GX 74	11,5
699 G	TF 130	/	19,0
701 G	TF 140	/	9,5
703 G	TF 150	/	19,0
705 MJ	JA 136 MA	GJ 130 MA	10,5
711 G	TF 170	/	9,5
718 MJ	SR 71	GX 70	11,5
719 MJ	SX 77	GX 74	11,0
721 G	TF 180	/	11,0
724 MJ	SR 73	GX 74	11,5
727 MJ	SR 72	GX 74	11,0
729 MJ	SR 74	GX 74	11,0
730 MJ	SR 83	GX 83	11,0
747 MJ	ST 68	WW 68	11,0
749 MJ	JA 16 IS	GJ 28 IS	5,0
783 MJ	SR 125	GX 125	11,5
798 MJ	SX 73	GX 69	12,5
815 MJ	SR 58	GX 59	11,0
823 MJ	US 575 CH	GUS 575 CH	5,0
835 MJ	US 565 CH	GUS 565 CH	11,5
843 G	TF 180	/	11,0
844 MJ	SX 60	GX 60	11,0
846 G	AN 1183 WE	/	24,0
852 MJ	SX 64	GX 64	11,0
853 MJ	JA 59 NI	GJ 59 NI	11,0
854 MJ	JA 260 NI	GJ 260 NI	11,0
855 MJ	SX 93	GX 93	11,0
857 MJ	SX 59	GX 59	11,0
858 MJ	SX 70	GX 70	11,5
886 MJ	JA 116 TO	GJ 121 TO	7,0
887 MJ	/	GJ 80 NI	23,0
888 MJ	JA 82 NI	GJ 75 NI	6,5
889 MJ	JA 63 NI	GJ 84 NI	11,0
890 MJ	JA 65 NI	/	23,0
892 MJ	JA 73 NI	GJ 84 NI	10,5
894 MJ	JA 122 TO	GJ 114 TO	7,0
895 MJ	/	GJ 118 TO	14,0
896 MJ	JA 22 IS	GJ 26 IS	5,0
897 MJ	JA 121 TO	GJ 121 TO	10,5
898 MJ	JA 57 MI	GJ 55 MI	6,0
905 MJ	SX 84	GX 84	11,0
908 MJ	SX 75	GX 74	11,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BERU			
909 MJ	SX 75	GX 74	11,0
912 MJ	SX 89	GX 89	11,0
913 G	TF 180	/	11,0
917 MJ	SX 69	GX 69	11,0
920 MJ	JA 84 NI	GJ 84 NI	11,0
921 MJ	JA 86 NI	GJ 55 MI	11,0
944 MJ	SX 126	GX 126	11,0
946 MJ	JA 28 IS	GJ 28 IS	11,0
947 MJ	JA 26 IS	GJ 26 IS	11,0
948 MJ	SX 116	GX 116	11,5
950 MJ	SX 93	GX 93	11,0
966 MJ	SX 61	GX 61	10,0
968 GV	JA 127 TO	GJ 114 TO	11,0
968 MJ	JA 127 TO	GJ 114 TO	11,0
969 MJ	/	GJ 118 TO	23,0
970 MJ	SX 67	GX 67	11,0
997 MJ	/	GJ 1143 IS	11,0
999 MJ	SX 84	GX 84	11,0
GD 214	AN 1020 ME	/	0,9
GD 220	AN 1050 RO	/	1,7
GD 348	AN 1020 ME	/	0,9
GD 368	AN 1020 ME	/	0,9
GD 382	AN 1000 ME	/	0,9
GE 100	/	GX 2097	5,0
GE 101	/	GX 2117	4,4
GE 102	/	GX 2106	5,0
GE 103	/	GX 2135	5,0
GE 104	/	GX 2133	5,0
GE 108	/	GX 2127	4,4
GF 002	TF 190	/	23,5
GF 006	TF 180	/	11,0
GF 154	TA 50 E	/	12,0
GF 166	TA 30 B	/	24,0
GF 167	TF 160	/	19,0
GF 169	TF 140	/	9,5
GF 177	TA 70 B	/	24,0
GF 630	TF 150	/	19,0
GF 671	TF 130	/	19,0
GF 683	TF 170	/	9,5
GF 699	TF 130	/	19,0
GF 700	TF 130	/	19,0
GF 859	TA 8 B	/	8,0
GF 974	TF 180	/	11,0
GF 978	TF 190	/	24,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BERU			
GF 982	TA 8 E	/	8,0
GF 983	TA 8 E	/	8,0
GF 984	TF 180	/	11,0
GH 010	AN 1184 PK	/	12,0
GH 401	AN 1184 PK	/	12,0
GH 408	AN 1182 EB	/	12,0
GH 760	AN 1186 FD	/	11,0
GH 846	AN 1183 WE	/	24,0
GH 847	AN 1181 WE	/	12,0
GN 003	/	GX 129	11,5
GN 005	/	GJ 1302 MA	11,0
GN 007	SX 97	GX 97	11,0
GN 008	/	GX 124	12,0
GN 010	/	GX 128	11,5
GN 012	SX 79	GX 79	11,0
GN 013	SX 74	GX 74	11,0
GN 015	/	GX 122	11,5
GN 016	SX 90	GX 90	11,0
GN 017	SX 95	GX 95	11,0
GN 018	/	GX 82	11,0
GN 019	/	GX 99	11,0
GN 020	/	GX 80	12,0
GN 022	SX 61	GX 61	10,0
GN 023	JA 136 MA	GJ 130 MA	10,5
GN 024	/	GX 106	11,0
GN 025	/	GX 133	11,0
GN 026	/	GX 150	11,0
GN 027	SX 107	GX 107	11,0
GN 028	JA 53 MI	GJ 53 MI	11,0
GN 030	SX 91	GX 91	11,0
GN 032	/	GX 137	11,0
GN 033	/	GX 135	11,0
GN 035	/	GX 102	11,0
GN 037	/	GX 4153	11,0
GN 039	JA 260 NI	GJ 260 NI	11,0
GN 041	/	GX 103	11,0
GN 042	/	GJ 94 TO	11,0
GN 043	JA 121 TO	GJ 121 TO	12,0
GN 044	/	GJ 85 NI	24,0
GN 045	/	GX 4126	11,0
GN 046	/	GX 98	11,0
GN 047	/	GX 4118	11,0
GN 050	/	GX 131	11,5
GN 053	/	GX 4119	11,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BERU			
GN 054	/	GX 117	11,0
GN 055	/	GX 123	11,0
GN 057	/	GX 2152	6,0
GN 058	/	GX 4149	11,5
GN 059	/	GX 4151	11,0
GN 060	/	GX 4152	11,0
GN 061	JA 24 IS	GJ 24 IS	11,0
GN 101	JA 59 NI	GJ 59 NI	11,0
GN 102	JA 261 NI	GJ 261 NI	11,0
GN 103	JA 29 IS	GJ 29 IS	11,0
GN 104	/	GX 145	11,0
GN 107	JA 53 MI	GJ 53 MI	11,0
GN 217	SX 94	GX 94	11,0
GN 739	SX 86	GX 86	11,5
GN 823	US 575 CH	GUS 575 CH	5,0
GN 835	US 565 CH	GUS 565 CH	12,0
GN 853	JA 59 NI	GJ 59 NI	11,0
GN 854	JA 260 NI	GJ 260 NI	11,0
GN 855	SX 93	GX 93	11,0
GN 857	SX 59	GX 59	11,0
GN 858	SX 70	GX 70	11,5
GN 860	SX 119	GX 119	11,5
GN 870	/	GX 121	11,0
GN 905	SX 84	GX 84	11,0
GN 908	SX 75	GX 74	11,0
GN 909	SX 74	GX 74	11,0
GN 912	SX 89	GX 89	11,0
GN 917	SX 69	GX 69	11,0
GN 918	SX 68	GX 68	11,0
GN 925	SX 74	GX 74	11,0
GN 926	/	GX 127	23,0
GN 927	SX 71	GX 68	11,0
GN 928	SX 76	GX 76	11,0
GN 939	/	GX 148	11,5
GN 944	SX 126	GX 126	11,0
GN 948	SX 116	GX 116	11,5
GN 954	SX 74	GX 74	11,0
GN 955	JA 55 MI	GJ 55 MI	6,2
GN 959	SX 60	GX 60	11,0
GN 960	/	GX 81	11,0
GN 961	SX 86	GX 86	11,5
GN 963	SX 94	GX 94	11,0
GN 964	SX 120	GX 120	11,0
GN 966	SX 61	GX 61	10,0

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O.E.M. - O.E.S.

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	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BERU			
GN 970	SX 67	GX 67	11,0
GN 984	ST 68	WW 68	11,0
GN 985	/	GX 108	11,0
GN 989	/	GX 149	11,5
GN 991	SX 63	GX 63	11,0
GN 992	/	GX 132	11,0
GN 993	/	GX 96	10,0
GN 994	/	GJ 263 NI	11,0
GN 997	/	GJ 1143 IS	11,0
GN 999	SX 84	GX 84	11,0
GV 001	JA 129 TO	GJ 114 TO	6,0
GV 004	US 550 CH	GUS 555 CH	6,0
GV 105	N 76	GX 74	11,0
GV 106	AN 650 OP	/	8,0
GV 107	AN 820 KH	/	10,5
GV 108	AN 400 PG	/	9,5
GV 112	E 200 PE	/	12,0
GV 117	AN 930 VO	/	22,5
GV 119	AN 600 OP	/	11,0
GV 124	AN 400 PG	/	10,5
GV 128	AN 201	/	24,0
GV 130	AN 500 CI	/	9,5
GV 134	AN 750 IH	/	11,0
GV 137	AN 600 OP	/	11,0
GV 145	AN 101	/	12,0
GV 151	N 76	GX 74	11,0
GV 153	N 75	/	18,0
GV 155	AN 450 PG	/	9,5
GV 170	AN 840 KH	/	10,5
GV 171	AN 400 PG	/	9,5
GV 179	AN 830 KH	/	9,5
GV 181	AN 810 KH	/	18,0
GV 185	AN 900 HA	/	9,5
GV 186	AN 700 IH	/	12,0
GV 197	AN 800 KH	/	9,5
GV 362	/	GX 106	11,0
GV 602	N 76	GX 74	11,0
GV 603	SR 73	GX 74	11,5
GV 604	N 68	GX 68	11,0
GV 624	SR 64	GX 64	11,0
GV 626	AN 1200 ME	/	9,0
GV 631	SR 68	GX 68	11,0
GV 636	SR 74	GX 74	11,0
GV 642	R 74	GX 74	11,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BERU			
GV 657	N 78	GX 78	11,0
GV 657	R 78	GX 78	11,0
GV 661	SR 66	GX 66	11,0
GV 661	SX 66	GX 66	11,0
GV 662	SR 66	GX 66	11,0
GV 663	SR 74	GX 74	11,0
GV 666	SR 67	GX 66	11,5
GV 673	JA 56 MI	GJ 55 MI	12,0
GV 678	JA 102 TO	GJ 121 TO	8,5
GV 678	JA 110 TO	GJ 121 TO	8,5
GV 685	JA 69 NI	GJ 69 NI	6,5
GV 685	JA 71 NI	GJ 69 NI	8,5
GV 688	JA 108 TO	GJ 114 TO	11,0
GV 688	JA 128 TO	GJ 114 TO	11,0
GV 689	JA 78 NI	GJ 75 NI	11,0
GV 691	SR 73	GX 74	11,5
GV 705	JA 136 MA	GJ 130 MA	10,5
GV 719	SX 77	GX 74	11,0
GV 724	SR 74	GX 74	11,0
GV 727	SR 72	GX 74	11,0
GV 728	JA 59 NI	GJ 59 NI	11,0
GV 730	SR 83	GX 83	11,0
GV 736	N 75	/	18,0
GV 749	JA 16 IS	GJ 28 IS	5,0
GV 764	JA 503 HN	/	11,5
GV 783	SX 125	GX 125	11,5
GV 798	SX 72	GX 74	11,5
GV 819	/	GX 130	11,0
GV 823	US 575 CH	GUS 575 CH	5,0
GV 835	US 566 CH	GUS 566 CH	6,0
GV 844	SR 60	GX 60	11,0
GV 852	SX 64	GX 64	11,0
GV 880	/	GJ 132 MA	23,0
GV 886	JA 116 TO	GJ 121 TO	7,0
GV 887	/	GJ 80 NI	23,0
GV 888	JA 82 NI	GJ 75 NI	6,5
GV 889	JA 63 NI	GJ 84 NI	11,0
GV 890	JA 65 NI	/	23,0
GV 892	JA 73 NI	GJ 84 NI	10,5
GV 894	JA 122 TO	GJ 114TO	7,0
GV 895	/	GJ 118 TO	14,0
GV 896	/	GJ 125 TO	16,0
GV 897	JA 121 TO	GJ 121 TO	10,5
GV 898	JA 57 MI	GJ 55 MI	6,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BERU			
GV 920	JA 84 NI	GJ 84 NI	11,0
GV 921	JA 86 NI	GJ 55 MI	11,0
GV 922	/	GJ 88 NI	24,0
GV 945	JA 22 IS	GJ 26 IS	5,0
GV 946	JA 28 IS	GJ 28 IS	11,0
GV 947	JA 26 IS	GJ 26 IS	11,0
GV 967	JA 144 DA	GJ 121 TO	7,0
GV 968	JA 127 TO	GJ 114 TO	11,0
GV 969	/	GJ 118 TO	23,0
G 3	SX 74	GX 74	11,0
G 4	SX 66	GX 66	11,0
G 5	SX 70	GX 70	11,5
BOSCH			
USA 80003	AN 1000 ME	/	0,9
USA 80006	SR 74	GX 74	11,0
USA 80010	SX 59	GX 59	11,0
USA 80024	US 565 CH	GUS 565 CH	10,5
USA 80028	SX 93	GX 93	11,0
USA 80033	/	GX 130	11,0
USA 80034	US 550 CH	GUS 555 CH	6,0
USA 80036	/	GX 129	11,5
USA 80038	/	GX 137	11,0
0 250 001 001	AN 1020 ME	/	0,9
0 250 001 005	AN 1020 ME	/	0,9
0 250 001 008	AN 1000 ME	/	0,9
0 250 001 010	AN 1020 ME	/	0,9
0 250 001 012	AN 1000 ME	/	0,9
0 250 001 015	AN 1000 ME	/	0,9
0 250 001 016	AN 1000 ME	/	0,9
0 250 001 017	AN 1000 ME	/	0,9
0 250 001 416	AN 1000 ME	/	0,9
0 250 002 009	AN 1050 RO	/	1,7
0 250 102 002	AN 1186 FD	/	11,0
0 250 102 003	AN 1186 FD	/	11,0
0 250 200 001	AN 400 PG	/	10,5
0 250 200 006	AN 201	/	24,0
0 250 200 008	AN 400 PG	/	9,5
0 250 200 011	AN 850 KH	/	22,5
0 250 200 013	AN 840 KH	/	10,5
0 250 200 014	AN 820 KH	/	10,5
0 250 200 020	AN 400 PG	/	9,5
0 250 200 021	AN 800 KH	/	9,5

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BOSCH			
0 250 200 025	AN 600 OP	/	11,0
0 250 200 029	AN 900 HA	/	9,5
0 250 200 032	AN 600 OP	/	11,0
0 250 200 035	E 200 PE	/	12,0
0 250 200 037	AN 450 PG	/	9,5
0 250 200 046	AN 650 OP	/	8,0
0 250 200 048	AN 500 CI	/	9,5
0 250 200 049	N 78	GX 78	11,0
0 250 200 051	AN 600 OP	/	11,0
0 250 200 052	N 58	GX 59	11,0
0 250 200 053	N 78	GX 78	11,0
0 250 200 054	N 76	GX 74	11,0
0 250 200 055	AN 400 PG	/	10,5
0 250 200 056	N 76	GX 74	11,0
0 250 200 057	N 76	GX 74	11,0
0 250 200 058	N 76	GX 74	11,0
0 250 200 059	N 76	GX 74	11,0
0 250 200 060	N 76	GX 74	11,0
0 250 200 061	N 76	GX 74	11,0
0 250 200 063	N 58	GX 59	11,0
0 250 200 064	N 75	/	18,0
0 250 200 065	N 76	GX 74	11,0
0 250 200 066	N 68	GX 68	11,0
0 250 200 068	N 76	GX 74	11,0
0 250 200 069	SR 72	GX 74	11,0
0 250 200 420	AN 820 KH	/	10,5
0 250 200 451	AN 600 OP	/	11,0
0 250 200 454	N 76	GX 74	11,0
0 250 200 456	N 76	GX 74	11,0
0 250 200 464	N 75	/	18,0
0 250 200 465	N 76	GX 74	11,0
0 250 200 468	N 76	GX 74	11,0
0 250 200 469	R 74	GX 74	11,0
0 250 201 001	SR 73	GX 74	11,5
0 250 201 004	SR 58	GX 59	11,0
0 250 201 005	SR 74	GX 74	11,0
0 250 201 006	R 74	GX 74	11,0
0 250 201 008	SR 74	GX 74	11,0
0 250 201 009	SR 74	GX 74	11,0
0 250 201 010	AN 1200 ME	/	9,0
0 250 201 011	SR 58	GX 59	11,0
0 250 201 012	R 78	GX 78	11,0
0 250 201 013	SR 64	GX 64	11,0
0 250 201 014	N 78	GX 78	11,0

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	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BOSCH			
0 250 201 015	SR 58	GX 59	11,0
0 250 201 017	SR 68	GX 68	11,0
0 250 201 019	SR 74	GX 74	11,0
0 250 201 021	SR 58	GX 59	11,0
0 250 201 026	SR 71	GX 70	11,5
0 250 201 027	SX 77	GX 74	11,0
0 250 201 029	SX 74	GX 74	11,0
0 250 201 030	SR 74	GX 74	11,0
0 250 201 031	SR 60	GX 60	11,0
0 250 201 032	SX 59	GX 59	11,0
0 250 201 033	SX 75	GX 74	11,0
0 250 201 034	SX 78	GX 78	11,0
0 250 201 035	SX 119	GX 119	11,5
0 250 201 036	SX 76	GX 76	11,0
0 250 201 037	SX 72	GX 74	11,5
0 250 201 038	SX 116	GX 116	11,5
0 250 201 039	SX 74	GX 74	11,0
0 250 201 040	SX 66	GX 66	11,0
0 250 201 041	SX 70	GX 70	11,5
0 250 201 042	SX 74	GX 74	11,0
0 250 201 043	SX 74	GX 74	11,0
0 250 201 044	AN 1200 ME	/	9,0
0 250 201 045 C	SX 74	GX 74	11,0
0 250 201 046 C	SX 59	GX 59	11,0
0 250 201 047 C	SX 70	GX 70	11,5
0 250 201 048 C	SX 116	GX 116	11,5
0 250 201 049	SX 61	GX 61	10,0
0 250 201 050	SX 60	GX 60	11,0
0 250 201 053	SX 91	GX 91	11,0
0 250 201 405	SR 74	GX 74	11,0
0 250 201 406	SR 74	GX 74	11,0
0 250 201 415	SR 58	GX 59	11,0
0 250 201 469	R 74	GX 74	11,0
0 250 201 901	K 30	/	9,0
0 250 201 927	SR 74	GX 74	11,0
0 250 201 929	R 74	GX 74	11,0
0 250 201 930	SX 59	GX 59	11,0
0 250 201 932	SR 74	GX 74	11,0
0 250 201 933	/	K 10	11,0
0 250 201 934	SR 68	GX 68	11,0
0 250 201 935	SX 64	GX 64	11,0
0 250 201 939	SX 74	GX 74	11,0
0 250 201 940	SX 70	GX 70	11,5
0 250 201 945	SX 74	GX 74	11,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BOSCH			
0 250 201 946	SX 70	GX 70	11,5
0 250 201 947	R 78	GX 78	11,5
0 250 201 950	/	K 40	11,0
0 250 201 951	/	K 20	11,0
0 250 201 952	SX 74	GX 74	11,0
0 250 202 001	SX 66	GX 66	11,0
0 250 202 002	SX 79	GX 79	11,0
0 250 202 003	JA 56 MI	GJ 55 MI	12,0
0 250 202 004	JA 102 TO	GJ 121 TO	8,5
0 250 202 004	JA 110 TO	GJ 121 TO	8,5
0 250 202 005	JA 69 NI	GJ 69 NI	6,5
0 250 202 006	JA 108 TO	GJ 114 TO	11,0
0 250 202 006	JA 128 TO	GJ 114 TO	11,0
0 250 202 007	JA 136 MA	GJ 130 MA	10,5
0 250 202 008	JA 16 IS	GJ 28 IS	5,0
0 250 202 009	SX 93	GX 93	11,0
0 250 202 010	JA 78 NI	GJ 75 NI	11,0
0 250 202 011	JA 8 IS	GJ 28 IS	10,5
0 250 202 012	/	GJ 118 TO	19,0
0 250 202 013	JA 82 NI	GJ 75 NI	6,5
0 250 202 014	JA 63 NI	GJ 84 NI	11,0
0 250 202 015	JA 62 NI	GJ 84 NI	10,5
0 250 202 016	JA 72 NI	GJ 84 NI	9,5
0 250 202 017	JA 73 NI	GJ 84 NI	10,5
0 250 202 018	SR 67	GX 66	11,5
0 250 202 019	SX 120	GX 120	11,0
0 250 202 020	SX 89	GX 89	11,0
0 250 202 021	SX 63	GX 63	11,0
0 250 202 022	SX 93	GX 93	11,0
0 250 202 023	SX 98	GX 98	11,0
0 250 202 024	SX 63	GX 63	11,0
0 250 202 025	SX 84	GX 84	11,0
0 250 202 026	SX 86	GX 86	11,5
0 250 202 027	SX 126	GX 126	11,0
0 250 202 028	SX 95	GX 95	11,0
0 250 202 029	/	GX 129	11,5
0 250 202 032	SX 107	GX 107	11,0
0 250 202 033 C	SX 66	GX 66	11,0
0 250 202 034	SX 67	GX 67	11,0
0 250 202 035	SX 94	GX 94	11,0
0 250 202 036	/	GX 103	11,0
0 250 202 038	/	GX 123	11,0
0 250 202 039	/	GX 129	11,5
0 250 202 040	SR 125	GX 125	11,5

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BOSCH			
0 250 202 041	/	GX 128	11,5
0 250 202 042	SX 120	GX 120	11,0
0 250 202 043	/	GX 135	11,0
0 250 202 045	/	GX 129	11,5
0 250 202 046	/	GX 98	11,0
0 250 202 048	SX 107	GX 107	11,0
0 250 202 051	JA 116 TO	GJ 121 TO	7,0
0 250 202 051	JA 144 DA	GJ 121 TO	7,0
0 250 202 052	JA 146 DA	GJ 121 TO	11,0
0 250 202 053	JA 127 TO	GJ 114 TO	11,0
0 250 202 054	JA 122 TO	GJ 114 TO	7,0
0 250 202 056	JA 138 MA	GJ 130 MA	12,0
0 250 202 058	JA 121 TO	GJ 121 TO	10,5
0 250 202 059	JA 71 NI	GJ 69 NI	8,5
0 250 202 060	JA 86 NI	GJ 55 MI	11,0
0 250 202 062	JA 75 NI	GJ 75 NI	8,5
0 250 202 064	/	GJ 85 NI	24,0
0 250 202 065	JA 24 IS	GJ 24 IS	11,0
0 250 202 069	JA 65 NI	/	23,0
0 250 202 070	/	GJ 125 TO	16,0
0 250 202 071	/	GJ 80 NI	23,0
0 250 202 073	JA 129 TO	GJ 114 TO	6,0
0 250 202 074	JA 148 DA	GJ 121 TO	11,0
0 250 202 076	/	GJ 118 TO	14,0
0 250 202 077	JA 84 NI	GJ 84 NI	11,0
0 250 202 079	JA 111 TO	GJ 121 TO	11,0
0 250 202 085	JA 28 IS	GJ 28 IS	11,0
0 250 202 086	JA 22 IS	GJ 26 IS	5,0
0 250 202 087	JA 26 IS	GJ 26 IS	11,0
0 250 202 088	/	GX 130	11,0
0 250 202 089	JA 130 MA	GJ 130 MA	12,0
0 250 202 090	JA 131 MA	GJ 131 MA	12,0
0 250 202 091	/	GJ 49 MI	23,0
0 250 202 092	JA 43 MI	GJ 130 MA	11,0
0 250 202 093	JA 260 NI	GJ 260 NI	11,0
0 250 202 094	JA 55 MI	GJ 55 MI	6,2
0 250 202 095	JA 121 TO	GJ 121 TO	10,5
0 250 202 096	JA 114 TO	GJ 114 TO	11,0
0 250 202 097	/	GJ 118 TO	23,0
0 250 202 102	/	GX 124	12,0
0 250 202 103	/	GX 106	11,0
0 250 202 104	/	GJ 10 IS	24,0
0 250 202 105	/	GJ 12 IS	20,5
0 250 202 106	JA 43 MI	GJ 130 MA	11,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BOSCH			
0 250 202 107	/	GJ 132 MA	23,0
0 250 202 110	JA 84 NI	GJ 84 NI	11,0
0 250 202 115	JA 121 TO	GJ 121 TO	12,0
0 250 202 119	/	GJ 118 TO	23,0
0 250 202 120	/	GJ 12 IS	24,0
0 250 202 121	JA 59 NI	GJ 59 NI	11,0
0 250 202 122	US 566 CH	GUS 566 CH	6,0
0 250 202 124	/	GJ 37 MI	11,0
0 250 202 125	/	GJ 93 TO	11,0
0 250 202 126	US 550 CH	GUS 555 CH	6,0
0 250 202 127	/	GX 130	11,0
0 250 202 128	/	GX 150	11,0
0 250 202 129	/	GX 99	11,0
0 250 202 130	/	GX 148	11,5
0 250 202 131	/	GX 96	10,0
0 250 202 134	/	GX 137	11,0
0 250 202 135	/	GX 117	11,0
0 250 202 251	US 565 CH	GUS 565 CH	10,5
0 250 202 254	US 575 CH	GUS 575 CH	10,5
0 250 202 710	SR 83	GX 83	11,0
0 250 202 901	SX 68	GX 68	11,0
0 250 202 902	SX 93	GX 93	11,0
0 250 203 001	/	GX 4151	11,0
0 250 203 002	/	GX 4119	11,0
0 250 203 004	/	GX 4126	11,0
0 250 204 001	/	GX 4118	11,0
0 250 251 471	SX 67	GX 67	11,0
0 250 312 001	JA 59 NI	GJ 59 NI	11,0
0 250 312 002	JA 261 NI	GJ 261 NI	11,0
0 250 312 003	JA 29 NI	GJ 29 IS	11,0
0 250 312 007	JA 53 MI	GJ 53 MI	11,0
0 250 402 001	/	GX 2097	5,0
0 250 402 002	/	GX 2106	5,0
0 250 403 002	/	GX 2117	4,4
0 257 100 006	TA 30 B	/	24,0
0 257 100 009	TA 50 E	/	12,0
0 257 100 010	TA 60 B	/	12,0
0 257 200 003	TF 160	/	19,0
0 257 201 001	TF 150	/	19,0
0 257 201 002	TF 170	/	9,5
0 257 201 004	TF 130	/	19,0
0 257 202 001	TF 160	/	19,0
0 257 202 002	TF 140	/	9,5
0 257 204 002	TF 180	/	11,0

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O.E.M. - O.E.S.

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	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
BOSCH			
0 257 204 003	TF 140	/	9,5
0 257 205 004	TF 190	/	24,0
0 986 257 007	AN 1181 WE	/	12,0
0 986 257 008	AN 1182 EB	/	12,0
0 986 257 013	AN 1180 WE	/	4,0
0 986 257 015	AN 1183 WE	/	24,0
CHAMPION			
AG 32	E 200 PE	/	12,0
AG 44	AN 840 KH	/	11,0
AG 5611	US 567 CH	/	11,0
CH 8	SR 72	GX 74	11,0
CH 28	AN 1020 ME	/	0,9
CH 32	E 200 PE	/	12,0
CH 40	AN 750 IH	/	11,0
CH 44	AN 840 KH	/	11,0
CH 45	AN 1050 RO	/	1,7
CH 60	N 58	GX 59	11,0
CH 61	AN 1000 ME	/	0,9
CH 62	N 78	GX 78	11,0
CH 63	N 68	GX 68	11,0
CH 63	N 76	GX 74	11,0
CH 64	AN 500 CI	/	9,5
CH 65	AN 400 PG	/	9,5
CH 66	AN 600 OP	/	11,0
CH 68	SR 73	GX 74	11,5
CH 68	SR 74	GX 74	11,0
CH 69	SR 58	GX 59	11,0
CH 70	R 78	GX 78	11,0
CH 77	US 550 CH	GUS 555 CH	6,0
CH 78	US 566 CH	GUS 566 CH	6,0
CH 79	SR 68	GX 68	11,0
CH 80	US 565 CH	GUS 565 CH	10,5
CH 84	US 575 CH	GUS 575 CH	10,5
CH 87	N 76	GX 74	11,0
CH 88	R 74	GX 74	11,0
CH 90	SR 83	GX 83	11,0
CH 94	JA 56 MI	GJ 55 MI	12,0
CH 95	JA 116 TO	GJ 121 TO	7,0
CH 96	JA 75 NI	GJ 75 NI	8,5
CH 96	JA 82 NI	GJ 75 NI	6,5
CH 97	JA 136 MA	GJ 130 MA	10,5
CH 98	JA 69 NI	GJ 69 NI	6,5

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
CHAMPION			
CH 98	JA 69 NI	GJ 69 NI	6,5
CH 99	JA 71 NI	GJ 69 NI	8,5
CH 101	JA 57 MI	GJ 55 MI	6,0
CH 102	JA 63 NI	GJ 84 NI	11,0
CH 103	JA 108 TO	GJ 114 TO	11,0
CH 104	/	GJ 118 TO	14,0
CH 108	/	GJ 10 IS	24,0
CH 110	JA 16 IS	GJ 28 IS	5,0
CH 117	/	GJ 80 NI	23,0
CH 121	JA 102 TO	GJ 121 TO	8,5
CH 128	JA 65 NI	/	23,0
CH 129	JA 73 NI	GJ 84 NI	10,5
CH 132	JA 122 TO	GJ 114 TO	7,0
CH 133	JA 121 TO	GJ 121 TO	10,5
CH 137	R 74	GX 74	11,0
CH 137	SR 72	GX 74	11,0
CH 139	TA 50 E	/	12,0
CH 139	TA 60 B	/	12,0
CH 141	SX 68	GX 68	11,0
CH 144	JA 31 MI	GJ 31 MI	10,5
CH 147	SR 67	GX 66	11,5
CH 152	JA 186 KU	/	11,0
CH 154	JA 127 TO	GJ 114 TO	11,0
CH 155	SR 64	GX 64	11,0
CH 156	SR 71	GX 70	11,5
CH 157	JA 28 IS	GJ 28 IS	11,0
CH 158	JA 26 IS	GJ 26 IS	11,0
CH 159	SX 77	GX 74	11,0
CH 160	SX 59	GX 59	11,0
CH 161	JA 84 NI	GJ 84 NI	11,0
CH 162	JA 86 NI	GJ 55 MI	11,0
CH 163	SX 74	GX 74	11,0
CH 163	SX 75	GX 74	11,0
CH 164	SX 73	GX 69	12,5
CH 165	US 550 CH	GUS 555 CH	6,0
CH 166	SX 95	GX 95	11,0
CH 167	SX 67	GX 67	11,0
CH 168	SX 89	GX 89	11,0
CH 169	SX 84	GX 84	11,0
CH 170	SX 107	GX 107	11,0
CH 171	SX 93	GX 93	11,0
CH 172	SX 84	GX 84	11,0
CH 173	SX 64	GX 64	11,0
CH 174	SX 69	GX 69	11,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
CHAMPION			
CH 175	SX 119	GX 119	11,5
CH 176	SX 70	GX 70	11,5
CH 177	SX 116	GX 116	11,5
CH 178	SR 125	GX 125	11,5
CH 179	SX 60	GX 60	11,0
CH 180	/	GX 123	11,0
CH 181	SX 97	GX 97	11,0
CH 184	/	GX 82	11,0
CH 185	SX 90	GX 90	11,0
CH 186	JA 260 NI	GJ 260 NI	11,0
CH 187	JA 260 NI	GJ 260 NI	11,0
CH 188	JA 22 IS	GJ 26 IS	5,0
CH 189	SX 74	GX 74	11,0
CH 190	SX 126	GX 126	11,0
CH 196	/	GX 96	10,0
CH200/02	/	GX 4118	11,0
CH 201	SX 71	GX 68	11,0
CH 202	SX 76	GX 76	11,0
CH 203	/	GX 106	11,0
CH 204	SX 86	GX 86	11,5
CH 205	SX 61	GX 61	10,0
CH 206	SX 63	GX 63	11,0
CH 207	/	GX 132	11,0
CH 208	SX 120	GX 120	11,0
CH 209	SX 91	GX 91	11,0
CH 215	/	GX 124	12,0
CH 216	SX 79	GX 79	11,0
CH 217	SX 94	GX 94	11,0
CH 218	/	GX 129	11,0
CH 219	/	GX 128	11,0
CH 222	/	GX 103	11,0
CH 223	/	GX 4119	11,0
CH 224	/	GX 4151	11,0
CH 225	JA 55 MI	GJ 55 MI	6,2
CH 226	/	GX 102	11,0
CH 228	/	GX 122	11,5
CH 229	/	GX 148	11,5
CH 231	/	GX 135	11,0
CH 232	/	GX 150	11,0
CH 233	/	GX 99	11,0
CH 237	/	GX 130	11,0
CH 238	US 550 CH	GUS 555 CH	6,0
CH 239	/	GX 149	11,5
CH 240	/	GX 4126	11,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
CHAMPION			
CH 242	/	GJ 1302 MA	11,0
CH 252	/	GJ 94 TO	11,0
CH 256	JA 53 MI	GJ 53 MI	11,0
CH 258	/	GJ 93 TO	11,0
CH 271	SX 93	GX 93	11,0
CH 272	/	GX 108	11,0
CH 302	JA 146 DA	GJ 121 TO	11,0
CH 306	JA 24 IS	GJ 24 IS	11,0
CH 360	/	GX 132	11,0
CH 386	/	GX 126	11,0
CH 600	JA 261 NI	GJ 261 NI	11,0
CH 601	JA 29 IS	GJ 29 IS	11,0
CH 602	JA 53 MI	GJ 53 MI	11,0
CH 603	/	GX 145	11,0
CH 607	JA 59 NI	GJ 59 NI	11,0
CH 608	JA 117 TO	GJ 117 TO	11,0
CH 700	/	GX 2097	5,0
CH 701	/	GX 2117	4,4
DELPHI			
DS 001	SX 74	GX 74	11,0
DS 002	SX 59	GX 59	11,0
DS 003	SX 74	GX 74	11,0
DS 006	SX 74	GX 74	11,0
DS 025	JA 65 NI	/	23,0
DS 090A	US 565 CH	GUS 565 CH	10,5
DS 091A	US 550 CH	GUS 555 CH	6,0
DS 092A	US 575 CH	GUS 575 CH	10,5
DS 093A	US 567 CH	/	11,0
DS 094A	US 550 CH	GUS 555 CH	6,0
DS 095A	/	GX 130	11,0
DS 101	AN 1000 ME	/	0,9
HDS 212	SR 74	GX 74	11,0
HDS 216	SR 74	GX 74	11,0
HDS 217	SR 58	GX 59	11,0
HDS 218	R 74	GX 74	11,0
HDS 219	N 58	GX 59	11,0
HDS 220	AN 600 OP	/	11,0
HDS 221	N 76	GX 74	11,0
HDS 222	N 68	GX 68	11,0
HDS 223	N 58	GX 59	11,0
HDS 224	AN 500 CI	/	9,5
HDS 225	AN 400 PG	/	9,5

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	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
DELPHI			
HDS 226	AN 450 PG	/	9,5
HDS 227	E 200 PE	/	12,0
HDS 229	SR 64	GX 64	11,0
HDS 230	JA 69 NI	GJ 69 NI	6,5
HDS 231	JA 82 NI	GJ 75 NI	6,5
HDS 232	JA 56 MI	GJ 55 MI	12,0
HDS 233	JA 116 TO	GJ 121 TO	7,0
HDS 233	JA 144 DA	GJ 121 TO	7,0
HDS 234	JA 108 TO	GJ 114 TO	11,0
HDS 234	JA 128 TO	GJ 114 TO	11,0
HDS 235	JA 122 TO	GJ 114 TO	7,0
HDS 236	/	GJ 118 TO	19,0
HDS 237	/	GJ 118 TO	23,0
HDS 238	/	GJ 118 TO	20,5
HDS 238	/	GJ 118 TO	20,5
HDS 239	JA 63 NI	GJ 84 NI	11,0
HDS 240	JA 65 NI	/	23,0
HDS 241	JA 136 MA	GJ 130 MA	10,5
HDS 242	/	GJ 118 TO	14,0
HDS 243	JA 74 NI	GJ 84 NI	11,0
HDS 244	/	GJ 132 MA	23,0
HDS 245	JA 102 TO	GJ 121 TO	8,5
HDS 245	JA 110 TO	GJ 121 TO	8,5
HDS 246	/	GJ 80 NI	23,0
HDS 247	JA 16 IS	GJ 28 IS	5,0
HDS 248	JA 182 KU	GJ 84 NI	10,5
HDS 248	JA 62 NI	GJ 84 NI	10,5
HDS 249	JA 8 IS	GJ 28 IS	10,5
HDS 250	JA 40 MI	/	22,5
HDS 251	AN 650 OP	/	8
HDS 252	JA 98 TO	GJ 121 TO	8,0
HDS 253	JA 71 NI	GJ 69 NI	8,5
HDS 254	JA 75 NI	GJ 75 NI	8,5
HDS 255	SX 74	GX 74	11,0
HDS 256	JA 70 NI	GJ 84 NI	9,5
HDS 257	JA 72 NI	GJ 84 NI	9,5
HDS 258	JA 78 NI	GJ 75 NI	11,0
HDS 259	JA 83 NI	GJ 81 NI	6,5
HDS 261	/	GJ 106 TO	21,0
HDS 262	JA 127 TO	GJ 114 TO	11,0
HDS 263	/	GJ 125 TO	23,0
HDS 264	JA 114 TO	GJ 114 TO	11,0
HDS 266	N 78	GX 78	11,0
HDS 267	R 78	GX 78	11,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
DELPHI			
HDS 268	JA 121 TO	GJ 121 TO	10,5
HDS 269	/	GJ 54 MI	20,5
HDS 270	JA 57 MI	GJ 55 MI	6,0
HDS 271	SX 66	GX 66	11,0
HDS 272	JA 130 MA	GJ 130 MA	12,0
HDS 273	SX 66	GX 66	11,0
HDS 274	SX 77	GX 74	11,0
HDS 275	JA 144 DA	GJ 121 TO	7,0
HDS 276	JA 86 NI	GJ 55 MI	11,0
HDS 278	N 78	GX 78	11,0
HDS 280	JA 73 NI	GJ 84 NI	10,5
HDS 282	JA 142 DA	/	8,0
HDS 283	JA 84 NI	GJ 84 NI	11,0
HDS 284	/	GJ 125 TO	16,0
HDS 291	/	GJ 80 NI	19,0
HDS 292	W 300	/	11,0
HDS 293	W 300	/	11,0
HDS 294	/	GJ 88 NI	24,0
HDS 295	US 575 CH	GUS 575 CH	10,5
HDS 296	SX 74	GX 74	11,0
HDS 297	SX 70	GX 70	11,5
HDS 302	JA 25 IS	GJ 28 IS	5,0
HDS 303	SR 125	GX 125	11,5
HDS 305	US 565 CH	GUS 565 CH	10,5
HDS 306	US 550 CH	GUS 555 CH	6,0
HDS 307	US 575 CH	GUS 575 CH	10,5
HDS 308	US 567 CH	/	11,0
HDS 310	/	GX 130	11,0
HDS 316	AN 1000 ME	/	0,9
HDS 317	AN 1050 RO	/	1,7
HDS 319	AN 1020 ME	/	0,9
HDS 336	JA 503 HN	/	11,5
HDS 337	SX 74	GX 74	11,0
HDS 338	JA 22 IS	GJ 26 IS	5,0
HDS 339	SX 74	GX 74	11,0
HDS 340	/	GJ 85 NI	24,0
HDS 341	SX 60	GX 60	11,0
HDS 342	SX 93	GX 93	11,0
HDS 343	SX 59	GX 59	11,0
HDS 345	JA 28 IS	GJ 28 IS	11,0
HDS 346	JA 26 IS	GJ 26 IS	11,0
HDS 347	SX 64	GX 64	11,0
HDS 348	SX 74	GX 74	11,0
HDS 349	SX 74	GX 74	11,0

		OUR REFERENCE	
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
DELPHI			
HDS 350	SX 89	GX 89	11,0
HDS 352	SX 74	GX 74	11,0
HDS 353	SX 74	GX 74	11,0
HDS 354	SX 116	GX 116	11,5
HDS 355	SX 84	GX 84	11,0
HDS 356	SX 67	GX 67	11,0
HDS 357	SR83	GX 83	11,0
HDS 358	JA 260 NI	GJ 260 NI	11,0
HDS 359	SX 74	GX 74	11,0
HDS 360	SX 126	GX 126	11,0
HDS 361	SX 97	GX 97	11,0
HDS 362	SX 61	GX 61	10,0
HDS 363	SX 119	GX 119	11,5
HDS 364	SX 95	GX 95	11,0
HDS 365	SX 120	GX 120	11,0
HDS 366	SX 63	GX 63	11,0
HDS 367	SX 107	GX 107	11,0
HDS 368	/	GX 82	11,0
HDS 369	SX 90	GX 90	11,0
HDS 370	SX 84	GX 84	11,0
HDS 371	SX 74	GX 74	11,0
HDS 372	/	GX 106	11,0
HDS 373	SX 86	GX 86	11,5
HDS 374	/	GX 124	12,0
HDS 375	SX 79	GX 79	11,0
HDS 376	SX 94	GX 94	11,0
HDS 377	/	GX 129	11,5
HDS 378	/	GX 128	11,5
HDS 379	/	GX 96	10,0
HDS 380	SX 91	GX 91	11,0
HDS 382	/	GX 103	11,0
HDS 383	/	GX 148	11,5
HDS 384	/	GX 135	11,0
HDS 385	SX 99	GX 99	11,0
HDS 386	SX 126	GX 126	11,0
HDS 391	JA 53 MI	GJ 53 MI	11,0
HDS 393	/	GJ 93 TO	11,0
HDS 394	/	GJ 1302 MA	11,0
HDS 396	/	GX 150	11,0
HDS 398	AN 1050 RO		1,7
HDS 399	/	GX 4118	11,0
HDS 400	JA 24 IS	GJ 24 IS	11,0
HDS 401	JA 261 NI	GJ 261 NI	11,0
HDS 402	JA 29 IS	GJ 29 IS	11,0

		OUR REFERENCE	
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
DELPHI			
HDS 403	JA 53 MI	GJ 53 MI	11,0
HDS 404	/	GX 4126	11,0
HDS 405	/	GX 145	11,0
HDS 802	/	GX 137	11,0
1854030	TA30B	/	24,0
1854112	TA30B	/	24,0
185 4040	TA 55 E	/	12,0
185 4050	TA 50 E	/	12,0
185 4060	TA 110 E	/	24,0
185 4080	TA 80 B	/	12,0
185 4090	TA 70 B	/	24,0
185 4101	TA 10 B	/	12,0
185 4102	TA 60 B	/	12,0
185 4103	TA 30 B	/	24,0
185 4104	TA 20 B	/	12,0
185 4105	TA 40 B	/	24,0
185 4106	TA 110 B	/	12,0
185 4109	TA 90 B	/	12,0
185 4111	TA 100 B	/	12,0
185 4117	TA 22 B	/	12,0
185 5018	XX 2001	GX 68	11,0
DENSO			
DG-001	SR 74	GX 74	11,0
DG-002	SR 58	GX 59	11,0
DG-003	SX 89	GX 89	11,0
DG-004	SR 66	GX 66	11,0
DG-005	SX 93	GX 93	11,0
DG-006	R 69	GX 74	11,5
DG-007	SX 61	GX 61	10,0
DG-008	SX 94	GX 94	11,0
DG-009	SX 63	GX 63	11,0
DG-010	SX 70	GX 70	11,5
DG-101	SX 84	GX 84	11,0
DG-102	SX 67	GX 67	11,0
DG-103	SR 60	GX 60	11,0
DG-104	JA 26 IS	GJ 26 IS	11,0
DG-105	JA 56 MI	GJ 55 MI	12,0
DG-106	SX 116	GX 116	11,5
DG-107	/	GX 82	11,0
DG-108	JA 24 IS	GJ 24 IS	11,0
DG-109	SX 97	GX 97	11,0
DG-110	SX 86	GX 86	11,5

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	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
DENSO			
DG-111	SX 79	GX 79	11,0
DG-112	/	GX 99	11,0
DG-113	/	GX 4118	11,0
DG-114	/	GJ 1302 MA	10,5
DG-115	SR 125	GX 125	11,5
DG-116	SX 107	GX 107	11,0
DG-117	/	GX 129	11,5
DG-118	/	GX 132	11,0
DG-119	SX 119	GX 119	11,5
DG-121	/	GX 96	10,0
DG-122	/	GX 103	11,0
DG-123	SR 68	GX 68	11,0
DG-124	JA 86 NI	GJ 55 MI	11,0
DG-125	SX 72	GX 74	11,5
DG-126	/	GX 150	11,0
DG-127	SX 95	GX 95	11,0
DG-129	SX 91	GX 91	11,0
DG-130	/	GX 148	11,5
DG-131	AN 1050 RO		1,7
DG-132	SR 83	GX 83	11,0
DG-133	SX 126	GX 126	11,0
DG-135	AN 1020 ME	/	0,9
DG-137	JA 260 NI	GJ 260 NI	11,0
DG-139	/	GX 149	11,5
DG-140	/	GX 4126	11,0
DG-142	/	GX 135	11,0
DG-143	JA 16 IS	GJ 28 IS	5,0
DG-144	/	GX 124	12,0
DG-145	/	GX 106	11,0
DG-146	/	GJ 1302 MA	11,0
DG-155	/	GX 128	11,5
DG-157	JA 84 NI	GJ 84 NI	11,0
DG-159	JA 22 IS	GJ 26 IS	5,0
DG-161	SX 120	GX 120	11,0
DG-170	/	GX 4151	11,0
DG-171	/	GX 4119	11,0
DG-172	JA 55 MI	GJ 55 MI	6,2
DG-173	/	GX 102	11,0
DG-174	JA 53 MI	GJ 53 MI	11,0
DG-175	US 550 CH	GUS 555 CH	6,0
DG-176	/	GX 123	11,0
DG-177	/	GX 2097	5,0
DG-178	/	GX 2117	4,4
DG-202	R 78	GX 78	11,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
DENSO			
DG-211	JA 114 TO	GJ 114 TO	11,0
DG-212	JA 128 TO	GJ 114 TO	11,0
DG-213	JA 129 TO	GJ 114 TO	6,0
DG-214	/	GX 4119	11,0
DG-215	JA 122 TO	GJ 114 TO	7,0
DG-216	JA 121 TO	GJ 121 TO	12,0
DG-218	JA 114 TO	GJ 114 TO	11,0
DG-219	/	GJ 118 TO	23,0
DG-221	JA 114 TO	GJ 114 TO	11,0
DG-222	/	GJ 118 TO	14,0
DG-223	JA 116 TO	GJ 121 TO	7,0
DG-224	JA 92 TO	/	8,0
DG-226	/	GJ 118 TO	19,0
DG-227	JA 98 TO	GJ 121 TO	8,0
DG-229	/	GJ 106 TO	21,0
DG-231	/	GJ 106 TO	21,0
DG-232	JA 121 TO	GJ 121 TO	10,5
DG-233	/	GJ 118 TO	23,0
DG-234	JA 102 TO	GJ 121 TO	8,5
DG-234	JA 110 TO	GJ 121 TO	8,5
DG-235	/	GJ 118 TO	23,0
DG-238	JA 125 TO	GJ 125 TO	23,0
DG-239	JA 126 TO	GJ 125 TO	23,0
DG-240	/	GJ 94 TO	11,0
DG-245	/	GJ 93 TO	11,0
DG-300	JA 29 IS	GJ 29 IS	11,0
DG-301	JA 53 MI	GJ 53 MI	11,0
DG-302	/	GX 145	11,0
DG-304	JA 261 NI	GJ 261 NI	11,0
DG-305	JA 117 TO	GJ 117 TO	8,5
DG-306	JA 59 NI	GJ 59 NI	11,0
DG-307	JA 260 NI	GJ 260 NI	11,0
EIKO			
GC-921	JA 170 CA	/	24,0
GD-901	JA 142 DA	/	8,0
GD-902	JA 140 DA	/	8,0
GD-903	JA 144 DA	GJ 121 TO	7,0
GD-904	JA 148 DA	GJ 121 TO	11,0
GF 104	JA 138 MA	GJ 130 MA	12,0
GF 105	JA 138 MA	GJ 130 MA	12,0
GF-101	/	GJ 32 MI	22,5

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
EIKO			
GF-102	JA 36 MI	/	10,5
GF-103	/	GJ 54 MI	20,5
GF-106	JA 180 KU	GJ 180 KU	10,5
GF-107	/	GJ 152 HI	22,5
GF-108	JA 40 MI	/	22,5
GF-109	JA 40 MI	/	22,5
GF-110	/	GJ 42 MI	21,0
GF-112	JA 56 MI	GJ 55 MI	12,0
GF-115	JA 57 MI	GJ 55 MI	6,0
GF-118	JA 33 MI	GJ 31 MI	10,5
GF-120	JA 55 MI	GJ 55 MI	6,2
GF-121	JA 53 MI	GJ 53 MI	11,0
GF-122	JA 43 MI	GJ 130 MA	11,0
GF-123	/	GJ 39 MI	11,0
GH-401	/	GJ 152 HI	22,5
GH-402	/	GJ 152 HI	19,0
GH-405	/	GJ 12 IS	23,0
GH-406	/	GJ 12 IS	14,0
GH-502	JA 136 MA	GJ 130 MA	10,5
GI-003	JA 8 IS	GJ 28 IS	10,5
GI-005	JA 16 IS	GJ 28 IS	5,0
GI-006	JA 18 IS	GJ 28 IS	9,5
GI-006	JA 20 IS	GJ 28 IS	9,5
GI-007	/	GJ 10 IS	20,5
GI-008	/	GJ 12 IS	20,5
GI-009	JA 20 IS	GJ 28 IS	9,5
GI-010	JA 24 IS	GJ 24 IS	11,0
GI-011	JA 22 IS	GJ 26 IS	5,0
GI-013	JA 28 IS	GJ 28 IS	11,0
GI-018	JA 26 IS	GJ 26 IS	11,0
GK-911	JA 160 KO	/	22,5
GM-501	JA 130 MA	GJ 130 MA	12,0
GM-502	JA 136 MA	GJ 130 MA	10,5
GM-503	/	GJ 132 MA	23,0
GM-504	JA 138 MA	GJ 130 MA	12,0
GM-505	/	GJ 132 MA	24,0
GM-506	JA 139 MA	GJ 130 MA	10,5
GM-507	JA 137 MA	GJ 130 MA	11,0
GM-508	JA 29 IS	GJ 29 IS	11,0
GM-509	JA 135 MA	GJ 130 MA	11,0
GN-302	JA 62 NI	GJ 84 NI	10,5
GN-303	JA 72 NI	GJ 84 NI	9,5
GN-304	JA 68 NI	GJ 68 NI	10,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
EIKO			
GN-305	/	GJ 67 NI	19,0
GN-306	JA 74 NI	GJ 84 NI	11,0
GN-307	/	GJ 80 NI	19,0
GN-308	/	GJ 80 NI	23,0
GN-309	JA 78 NI	GJ 75 NI	11,0
GN-310	JA 70 NI	GJ 84 NI	9,5
GN-311	/	GJ 67 NI	23,0
GN-314	JA 71 NI	GJ 69 NI	8,5
GN-315	JA 69 NI	GJ 69 NI	6,5
GN-316	JA 82 NI	GJ 75 NI	6,5
GN-317	JA 65 NI	/	23,0
GN-318	JA 73 NI	GJ 84 NI	10,5
GN-319	JA 63 NI	GJ 84 NI	11,0
GN-320	JA 75 NI	GJ 75 NI	8,5
GN-321	/	GJ 67 NI	23,0
GN-322	JA 84 NI	GJ 84 NI	11,0
GN-323	JA 81 NI	GJ 81 NI	8,5
GN-324	/	GJ 85 NI	24,0
GN-325	JA 83 NI	GJ 81 NI	6,5
GN-326	/	GJ 67 NI	24,0
GN-327	JA 86 NI	GJ 55 MI	11,0
GN-328	JA 260 NI	GJ 260 NI	11,0
GN-329	/	GJ 88 NI	24,0
GN-330	JA 61 NI	GJ 68 NI	9,5
GN-331	JA 59 NI	GJ 59 NI	11,0
GN-332	JA 261 NI	GJ 261 NI	11,0
GPFS	JA 138 MA	GJ 130 MA	12,0
GPNFS	JA 138 MA	GJ 130 MA	12,0
GT-201	JA 92 TO	/	8,0
GT-203	JA 98 TO	GJ 121 TO	8,0
GT-204	/	GJ 118 TO	19,0
GT-205	JA 108 TO	GJ 114 TO	11,0
GT-206	/	GJ 106 TO	21,0
GT-207	/	GJ 118 TO	20,5
GT-207	/	GJ 118 TO	20,5
GT-208	JA 102 TO	GJ 121 TO	8,5
GT-208	JA 110 TO	GJ 121 TO	8,5
GT-210	/	GJ 125 TO	23,0
GT-212	JA 116 TO	GJ 121 TO	7,0
GT-213	/	GJ 118 TO	23,0
GT-214	JA 123 TO	GJ 121 TO	6,0
GT-215	JA 128 TO	GJ 114 TO	11,0
GT-216	JA 122 TO	GJ 114 TO	7,0
GT-217	/	GJ 118 TO	14,0

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O.E.M. - O.E.S.

E-H

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
EIKO			
GT-218	JA 121 TO	GJ 121 TO	10,5
GT-219	/	GJ 125 TO	16,0
GT-220	JA 111 TO	GJ 121 TO	11,0
GT-221	JA 127 TO	GJ 114 TO	11,0
GT-222	/	GJ 118 TO	23,0
GT-223	JA 146 DA	GJ 121 TO	11,0
GT-224	/	GJ 125 TO	23,0
GT-225	JA 119 TO	/	14,0
GT-226	JA 129 TO	GJ 114 TO	6,0
GT-227	JA 117 TO	GJ 117 TO	11,0
HKT			
B-001	AN 1020 ME	/	0,9
B-021	AN 840 KH	/	10,5
B-022	AN 400 PG	/	9,5
B-025	AN 450 PG	/	9,5
B-026	AN 650 OP	/	8,0
B-027	AN 500 CI	/	9,5
B-028	SR 58	GX 59	11,0
B-029	AN 820 KH	/	10,5
B-030	N 76	GX 74	11,0
B-031	AN 600 OP	/	11,0
B-032	N 68	GX 68	11,0
B-033	N 76	GX 74	11,0
B-034	N 76	GX 74	11,0
B-035	AN 820 KH	/	10,5
B-036	N 76	GX 74	11,0
B-038	R 74	GX 74	11,0
B-039	N 76	GX 74	11,0
B-040	SR 74	GX 74	11,0
B-041	R 74	GX 74	11,0
B-043	SR 58	GX 59	11,0
B-044	SR 73	GX 74	11,5
B-045	R 74	GX 74	11,0
B-049	N 78	GX 78	11,0
B-050	R 74	GX 74	11,0
B-051	SR 64	GX 64	11,0
B-052	SR 74	GX 74	11,0
B-053	SR 68	GX 68	11,0
B-054	AN 1200 ME	/	9,0
B-055	E 200 PE	/	12,0
B-067	SX 86	GX 86	11,5
B-072	SX 66	GX 66	11,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
HKT			
B-074	SR 125	GX 125	11,5
B-076	SX 64	GX 64	11,0
B-077	SX 93	GX 93	11,0
B-078	SX 70	GX 70	11,5
B-080	N 58	GX 59	11,0
B-081	SX 74	GX 74	11,0
B-082	SX 116	GX 116	11,5
B-083	SX 63	GX 63	11,0
B-084	SX 67	GX 67	11,0
B-085	SX 84	GX 84	11,0
B-086	SX 97	GX 97	11,0
B-087	SX 89	GX 89	11,0
B-088	SX 61	GX 61	10,0
B-089	SX 107	GX 107	11,0
B-094	SX 94	GX 94	11,0
B-095	SX 119	GX 119	11,5
B-096	SX 84	GX 84	11,0
B-098	/	GX 132	11,0
B-099	SX 116	GX 116	11,5
B-100	SX 126	GX 126	11,0
B-101	/	GX 148	11,5
B-102	/	GX 99	11,0
B-103	/	GX 82	11,0
B-104	/	GX 106	11,0
B-200	TA 60 B	/	12,0
CP 01	JA 59 NI	GJ 59 NI	11,0
CP 02	JA 261 NI	GJ 261 NI	11,0
CP 03	/	GJ 263 NI	11,0
CP 04	/	GJ 39 MI	11,0
CP 05	/	GJ 39 MI	11,0
CP 06	JA 55 MI	GJ 55 MI	6,2
CP 07	JA 53 MI	GJ 53 MI	11,0
CP 20	JA 109 TO	GJ 121 TO	11,0
CP 22	JA 117 TO	GJ 117 TO	11,0
CP 50	JA 29 IS	GJ 29 IS	11,0
CP 51	/	GX 145	11,0
CP 52	/	GJ 1136 IS	11,0
CP 60	/	GJ 1300 MA	11,0
CP 70	JA 87 NI	/	6,5
CP 71	JA 89 NI	/	6,5
CP 72	/	GJ 262 NI	11,0
CP 73	/	GJ 264 NI	11,0
PD 190	JA 144 DA	GJ 121 TO	7,0
PD 191	JA 146 DA	GJ 121 TO	11,0

		OUR REFERENCE	
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
HKT			
PD 192	JA 148 DA	GJ 121 TO	11,0
PD 95	JA 140 DA	/	8,0
PD 99	JA 142 DA	/	8,0
PH 104	JA 153 HI	GJ 121 TO	8,5
PH 20	/	GJ 152 HI	22,5
PH 21	/	GJ 152 HI	19,0
PH 22	/	GJ 12 IS	23,0
PH 23	/	GJ 12 IS	14,0
PH 25	JA 151 HI	GJ 24 IS	10,5
PI 170	JA 24 IS	GJ 24 IS	11,0
PI 172	/	GJ 1143 IS	11,0
PI 42	JA 8 IS	GJ 28 IS	10,5
PI 43	/	GJ 10 IS	20,5
PI 44	/	GJ 12 IS	20,5
PI 45	JA 14 IS	GJ 28 IS	9,0
PI 46	JA 16 IS	GJ 28 IS	5,0
PI 47	JA 18 IS	GJ 28 IS	9,5
PI 48	JA 20 IS	GJ 28 IS	9,5
PI 49	JA 24 IS	GJ 24 IS	11,0
PI 50	/	GJ 12 IS	23,0
PI 51	JA 22 IS	GJ 26 IS	5,0
PI 53	/	GJ 10 IS	20,5
PI 54	/	GJ 10 IS	20,5
PI 55	JA 25 IS	GJ 28 IS	5,0
PI 56	JA 24 IS	GJ 24 IS	10,5
PI 57	JA 26 IS	GJ 26 IS	11,0
PI 58	JA 28 IS	GJ 28 IS	11,0
PI 59	JA 26 IS	GJ 26 IS	11,0
PK 111	JA 172 CA	/	24,0
PK 112	JA 174 CA	/	12,0
PK 115	JA 166 KO	/	20,5
PK 117	JA 176 CA	/	12,0
PK 96	JA 160 KO	/	22,5
PK 98	JA 170 CA	/	24,0
PM 75	JA 56 MI	GJ 55 MI	12,0
PM 161	JA 57 MI	GJ 55 MI	6,0
PM 163	/	GJ 49 MI	23,0
PM 164	JA 43 MI	GJ 130 MA	11,0
PM 165	/	GJ 59 NI	11,0
PM 166	/	GJ 55 MI	11,0
PM 167	JA 53 MI	GJ 53 MI	11,0
PM 168	/	GJ 37 MI	11,0
PM 61	/	GJ 32 MI	22,5
PM 62	JA 34 MI	GJ 180 KU	10,5

		OUR REFERENCE	
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
HKT			
PM 63	JA 36 MI	/	10,5
PM 65	JA 40 MI	/	22,5
PM 66	/	GJ 42 MI	21,0
PM 70	/	GJ 152 HI	22,5
PM 73	/	GJ 54 MI	20,5
PM 74	JA 40 MI	/	20,5
PM 75	JA 56 MI	GJ 55 MI	12,0
PM 77	JA 51 MI	/	11,0
PM 78	/	GJ 54 MI	20,5
PM 79	JA 33 MI	GJ 31 MI	10,5
PN 86	SX 74	GX 74	11,0
PN 89	SR 58	GX 59	11,0
PN 120	/	GJ 80 NI	23,0
PN 121	JA 82 NI	GJ 75 NI	6,5
PN 122	JA 61 NI	GJ 68 NI	9,5
PN 123	JA 63 NI	GJ 84 NI	11,0
PN 124	JA 65 NI	/	23,0
PN 125	/	GJ 67 NI	23,0
PN 126	JA 69 NI	GJ 69 NI	6,5
PN 127	JA 71 NI	GJ 69 NI	8,5
PN 128	JA 73 NI	GJ 84 NI	10,5
PN 129	JA 75 NI	GJ 75 NI	8,5
PN 130	/	GJ 67 NI	23,0
PN 131	/	GJ 85 NI	24,0
PN 132	JA 84 NI	GJ 84 NI	11,0
PN 133	JA 81 NI	GJ 81 NI	8,5
PN 134	JA 83 NI	GJ 81 NI	6,5
PN 135	JA 86 NI	GJ 55 MI	11,0
PN 136	/	GJ 88 NI	24,0
PN 137	/	GJ 67 NI	24,0
PN 138	JA 260 NI	GJ 260 NI	11,0
PN 139	JA 260 NI	GJ 260 NI	11,0
PN 81	JA 62 NI	GJ 84 NI	10,5
PN 82	/	GJ 67 NI	19,0
PN 84	JA 68 NI	GJ 68 NI	10,0
PN 85	JA 70 NI	GJ 84 NI	9,5
PN 86	JA 72 NI	GJ 84 NI	9,5
PN 87	JA 74 NI	GJ 84 NI	11,0
PN 88	/	GJ 80 NI	19,0
PN 89	JA 78 NI	GJ 75 NI	11,0
PS 201	JA 181 KU	GJ 84 NI	10,5
PS 202	JA 182 KU	GJ 84 NI	10,5
PS 203	JA 183 KU	GJ 130 MA	10,5
PS 204	JA 180 KU	GJ 80 NI	10,5

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	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
HKT			
PS 205	JA 185 KU	GJ 130 MA	12,0
PS 206	JA 188 KU	/	11,0
PS 207	JA 186 KU	/	11,0
PS 208	JA 187 KU	/	11,0
PS 210	JA 189 KU	GJ 84 NI	10,0
PS 210	JA 300 YA	GJ 84 NI	10,0
PT 100	JA 102 TO	GJ 121 TO	8,5
PT 101	/	GJ 118 TO	20,5
PT 102	/	GJ 106 TO	21,0
PT 103	JA 108 TO	GJ 114 TO	11,0
PT 104	JA 110 TO	GJ 121 TO	8,5
PT 105	/	GJ 125 TO	23,0
PT 106	JA 114 TO	GJ 114 TO	11,0
PT 107	JA 116 TO	GJ 121 TO	7,0
PT 108	/	GJ 118 TO	23,0
PT 109	/	GJ 118 TO	20,5
PT 140	JA 122 TO	GJ 114 TO	7,0
PT 141	/	GJ 118 TO	14,0
PT 142	/	GJ 125 TO	16,0
PT 144	JA 128 TO	GJ 114 TO	11,0
PT 145	JA 121 TO	GJ 121 TO	10,5
PT 146	JA 123 TO	GJ 121 TO	6,0
PT 147	JA 129 TO	GJ 114 TO	6,0
PT 148	JA 119 TO	/	24,0
PT 149	/	GJ 118 TO	23,0
PT 150	JA 146 DA	GJ 121 TO	11,0
PT 151	JA 127 TO	GJ 114 TO	11,0
PT 152	JA 111 TO	GJ 121 TO	11,0
PT 153	/	GJ 118 TO	23,0
PT 154	JA 111 TO	GJ 121 TO	11,0
PT 155	JA 128 TO	GJ 114 TO	11,0
PT 157	/	GJ 93 TO	11,0
PT 167	JA 53 MI	GJ 53 MI	11,0
PT 90	JA 92 TO	/	8,0
PT 93	JA 98 TO	GJ 121 TO	8,0
PT 94	/	GJ 118 TO	19,0
PZ 30	JA 130 MA	GJ 130 MA	12,0
PZ 31	/	GJ 132 MA	23,0
PZ 32	/	GJ 132 MA	24,0
PZ 33	JA 136 MA	GJ 130 MA	10,5
PZ 34	JA 139 MA	GJ 130 MA	10,5
PZ 35	JA 130 MA	GJ 130 MA	12
PZ 35	JA 138 MA	GJ 130 MA	12,0
PZ 36	JA 131 MA	GJ 131 MA	12,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
HKT			
PZ 37	JA 133 MA	GJ 130 MA	12,0
PZ 38	JA 137 MA	GJ 130 MA	11,0
PZ 39	JA 135 MA	GJ 130 MA	12,0
PZ 703	SX 61	GX 61	10,0
PZ 704	/	GJ 1301 MA	11,0
MARELLI			
CIM14A	AN 107	/	12,0
CIM14B	AN 207	/	24,0
CIM15A	AN 400 PG	/	9,5
CIM15A	AN 820 KH	/	10,5
CIM4A	AN 101	/	12,0
CIM4B	AN 201	/	24,0
CTZ 1 U	TA 10 B	/	12,0
CTZ 2 U	TA 20 B	/	12,0
CTZ 3 U	TA 30 B	/	24,0
CTZ 4 U	TA 40 B	/	24,0
CTZ 5 U	TA 50 E	/	12,0
CTZ 6 U	TA 60 B	/	12,0
PR 113	JA 53 MI	GJ 53 MI	11,0
TIW4A	AN 500 CI	/	9,5
TIW6A	AN 600 OP	/	11,0
TIX1A	N 58	GX 59	11,0
TIX2A	N 76	GX 74	11,0
TIX4A	N 76	GX 74	11,0
TIX6A	N 79	GX 78	11,0
TIX7A	N 78	GX 78	11,0
UC2A	SR 83	GX 83	11,0
UC3A	SX 93	GX 93	11,0
UC4A	SX 67	GX 67	11,0
UC7A	SX 89	GX 89	11,0
UC8A	SX 84	GX 84	11,0
UC9A	JA 26 IS	GJ 26 IS	11,0
UC10A	JA 28 IS	GJ 28 IS	11,0
UC11A	SX 95	GX 95	11,0
UC12 A	SX 107	GX 107	11,0
UC13A	SX 84	GX 84	11,0
UC14A	SX 97	GX 97	11,0
UC15 A	SX 90	GX 90	11,0
UC16 A	/	GX 132	11,0
UC17A	/	GX 129	11,5
UC18A	/	GX 128	11,5
UC19 A	/	GX 103	11,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
MARELLI			
UC20A	/	GX 82	11,0
UC21A	SX 94	GX 94	11,0
UC22A	/	GX 96	10,0
UC23A	JA 260 NI	GJ 260 NI	11,0
UC24 A	SX 125	GX 125	11,0
UC25 A	JA 59 NI	GJ 59 NI	11,0
UC26A	/	GX 106	11,0
UC27A	/	GX 148	11,5
UC28A	/	GX 135	11,0
UC29A	/	GX 150	11,0
UC30A	/	GX 99	11,0
UC31A	/	GX 149	11,5
UC39A	/	GX 122	11,5
UC40A	SX 120	GX 120	11,0
UX11A	SX 66	GX 66	11,0
UX12A	SX 68	GX 68	11,0
UX13A	SX 70	GX 70	11,5
UX14A	SX 64	GX 64	11,0
UX15A	SX 77	GX 74	11,0
UX16 A	SX 119	GX 119	11,5
UX17A	SX 116	GX 116	11,5
UX18A	SX 60	GX 60	11,0
UX19A	SX 61	GX 61	10,0
UX1A	SR 58	GX 59	11,0
UX20A	SX 74	GX 74	11,0
UX21A	SX91	GX 91	11,0
UX22A	SX 94	GX 94	11,0
UX23A	SX 86	GX 86	11,5
UX2A	SR 74	GX 74	11,0
UX3A	SX 74	GX 74	11,0
UX4A	R 74	GX 74	11,0
UX5A	SR 64	GX 64	11,0
UX7A	R 78	GX 78	11,0
UX8A	SX 59	GX 59	11,0
UX9A	SX 75	GX 74	11,0
UY1A	/	GX 4118	11,0
UY2A	/	GX 4119	11,0
UY3A	/	GX 4151	11,0
UY4A	/	GX 4126	11,0
UZ1A	JA 29 IS	GJ 29 IS	11,0
UZ2A	/	GX 145	11,0
UZ3A	JA 261 NI	GJ 261 NI	11,0
UZ4A	JA 53 MI	GJ 53 MI	11,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
MOTORCRAFT			
5 031 006	SX 74	GX 74	11,0
EZD 1	SX 61	GX 61	10,0
EZD 2	SX 74	GX 74	11,0
EZD 10	SX 59	GX 59	11,0
EZD 18	JA 56 MI	GJ 55 MI	12,0
EZD 19	JA 102 TO	GJ 121 TO	8,5
EZD 20	JA 69 NI	GJ 69 NI	6,5
EZD 21	JA 108 TO	GJ 114 TO	11,0
EZD 22	JA 136 MA	GJ 130 MA	10,5
EZD 23	JA 16 IS	GJ 28 IS	5,0
EZD 30	SX 74	GX 74	11,0
EZD 33	SX 93	GX 93	11,0
EZD 35	SX 61	GX 61	10,0
EZD 36	SX 97	GX 97	11,0
EZD 37	/	GX 96	10,0
EZD 38	/	GX 148	11,5
EZD 39	SX 61	GX 61	10,0
EZD 4	SX 66	GX 66	11,0
EZD 40	SX 93	GX 93	11,0
EZD 5	SX 74	GX 74	11,0
EZD 6	SX 66	GX 66	11,0
EZD 8	SR 67	GX 66	11,5
RZD 4	SX 61	GX 61	10,0
EZD A	SX 59	GX 59	11,0
EZD B	SX 74	GX 74	11,0
EZD C	SX 74	GX 74	11,0
EZD D	R 78	GX 78	11,0
EZD E	SX 74	GX 74	11,0
EZD F	SX 74	GX 74	11,0
EZD G	SX 74	GX 74	11,0
EZD U	JA 56 MI	GJ 55 MI	12,0
EZD Y	JA 136 MA	GJ 130 MA	10,5
EZD Z	JA 16 IS	GJ 28 IS	5,0
NGK			
A14T	JA 28 IS	GJ 28 IS	11,0
CX-01	JA 89 NI	/	6,5
CY-01	JA 59 NI	GJ 59 NI	11,0
CY-02	JA 261 NI	GJ 261 NI	11,0
CY-03	JA 29 IS	GJ 29 IS	11,0
CY-05	/	GJ 39 MI	11,0
CY-07	JA 53 MI	GJ 53 MI	11,0
CY-08	/	GJ 263 NI	11,0

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N

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
N G K			
CY-22	JA 117 TO	GJ 117 TO	11,0
CY-51	JA 59 NI	GJ 59 NI	11,0
CY-52	JA 261 NI	GJ 261 NI	11,0
CY-53	JA 29 IS	GJ 29 IS	11,0
CY-55	/	GJ 39 MI	11,0
CY-57	JA 53 MI	GJ 53 MI	11,0
CY-58	/	GJ 263 NI	11,0
CZ-01	JA 87 NI	/	6,5
CZ-21	/	GJ 264 NI	11,0
CZ-22	/	GX 145	11,0
CZ-24	/	GJ 1136 IS	11,0
CZ-27	/	GJ 1302 MA	11,0
CZ-51	/	GJ 39 MI	11,0
DP1	SX 74	GX 74	11,0
DP2	SX 59	GX 59	11,0
DP3	SX 66	GX 66	11,0
DP4	SX 93	GX 93	11,0
DP5	SX 61	GX 61	10,0
DP6	SX 70	GX 70	11,5
DP7	SX 94	GX 94	11,0
DP8	JA 29 IS	GJ 29 IS	11,0
DP9	SX 89	GX 89	11,0
DP10	/	GX 90	11,0
DP11	/	GX 129	11,5
DP12	/	GX 99	11,0
DP13	JA 53 MI	GJ 53 MI	11,0
DP14	/	GX 132	11,0
DP15	SX 64	GX 64	11,0
DP16	SX 116	GX 116	11,5
DP17	SX 84	GX 84	11,0
DP18	/	GX 82	11,0
DP19	SX 63	GX 63	11,0
DP20	SX 97	GX 97	11,0
DP21	JA 53 MI	GJ 53 MI	11,0
DP22	SX 84	GX 84	11,0
DP23	SX 68	GX 68	11,0
DP24	SX 107	GX 107	11,0
DP25	SX 60	GX 60	11,0
DP26	SX 95	GX 95	11,0
DP27	/	GX 96	10,0
DP28	JA 26 IS	GJ 26 IS	11,0
DP29	SX 67	GX 67	11,0
DP30	SX 119	GX 119	11,5
DP31	/	GX 124	12,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
N G K			
DP32	/	GX 106	11,0
DP33	SX 66	GX 66	11,0
DP34	SR 125	GX 125	11,5
DP35	/	GX 148	11,5
DP36	/	GX 103	11,0
DP37	/	GX 135	11,0
DP38	/	GX 128	11,5
DG-237	AN 1000 ME	/	0,9
Y-103X	JA 182 KU	GJ 84 NI	10,5
Y-102	JA 34 MI	GJ 180 KU	10,5
Y-103	JA 62 NI	GJ 84 NI	10,5
Y-103-1	JA 70 NI	GJ 84 NI	9,5
Y-103-2	JA 72 NI	GJ 84 NI	9,5
Y-103K	JA 182 KU	GJ 84 NI	10,5
Y-103V	JA 181 KU	GJ 84 NI	10,5
Y-104	JA 8 IS	GJ 28 IS	10,5
Y-104R	JA 16 IS	GJ 28 IS	5,0
Y-106-1	JA 180 KU	GJ 180 KU	10,5
Y-106V	JA 180 KU	GJ 180 KU	10,5
Y-107R	JA 136 MA	GJ 130 MA	10,5
Y-107T	JA 130 MA	GJ 130 MA	12,0
Y-107V	JA 183 KU	GJ 130 MA	10,5
Y-108	JA 142 DA	/	8,0
Y-109	JA 174 CA	/	12,0
Y-110	JA 31 MI	GJ 31 MI	10,5
Y-112M-1	JA 63 NI	GJ 84 NI	11,0
Y-112R-1	JA 73 NI	GJ 84 NI	10,5
Y-112T-1	JA 74 NI	GJ 84 NI	11,0
Y-114T	JA 33 MI	GJ 31 MI	10,5
Y-115R-1	JA 57 MI	GJ 55 MI	6,0
Y-115T	JA55MI	GJ 55 MI	6,0
Y-115T-1	JA 56 MI	GJ 55 MI	12,0
Y-117RS	JA 69 NI	GJ 69 NI	6,5
Y-117SS	JA 71 NI	GJ 69 NI	8,5
Y-118R	JA 122 TO	GJ 114 TO	7,0
Y-118T	JA 108 TO	GJ 114 TO	11,0
Y-118T	JA 128 TO	GJ 114 TO	11,0
Y-118T1	JA 114TO	GJ 114 TO	11,0
Y-119V	JA 51 MI	/	11,0
Y-128	JA 98 TO	GJ 121 TO	8,0
Y-128T	JA 102 TO	GJ 121 TO	8,5
Y-128T	JA 110 TO	GJ 121 TO	8,5
Y-142-T	JA 117 TO	GJ 117 TO	11,0
Y-144RS	JA 83 NI	GJ 81 NI	6,5

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
N G K			
Y-144SS	JA 81 NI	GJ 81 NI	8,5
Y-145T	/	GJ 38 MI	10,5
Y-146R	JA 116 TO	GJ 121 TO	7,0
Y-146R	JA 144 DA	GJ 121 TO	7,0
Y-147T	JA 121 TO	GJ 121 TO	10,5
Y-154	/	GJ 10 IS	20,5
Y-154R	JA 18 IS	GJ 28 IS	9,5
Y-154R	JA 20 IS	GJ 28 IS	9,5
Y-154RS	JA 24 IS	GJ 24 IS	11,0
Y-157R	/	GJ 132 MA	23,0
Y-159	JA 172 CA	/	24,0
Y-162R-1	JA 65 NI	/	23,0
Y-168R	/	GJ 125 TO	16,0
Y-171	JA 170 CA	/	24,0
Y-172	JA 138 MA	GJ 130 MA	12,0
Y-173	/	GJ 152 HI	22,5
Y-174TS	JA 160 KO	/	22,5
Y-175-2	/	GJ 32 MI	22,5
Y-176	/	GJ 152 HI	19,0
Y-177-1	/	GJ 80 NI	19,0
Y-178	/	GJ 118 TO	19,0
Y-178T	/	GJ 118 TO	20,5
Y-178T	/	GJ 118 TO	20,5
Y-180	/	GJ 42 MI	21,0
Y-181T	/	GJ 80 NI	23,0
Y-182T-1	/	GJ 58 MI	22,0
Y-197R	/	GJ 118 TO	14,0
Y-197T	/	GJ 118 TO	23,0
Y-201	JA 36 MI	/	10,5
Y-202	JA 68 NI	GJ 68 NI	10,0
Y-202-2	JA 61 NI	GJ 68 NI	9,5
Y-203	AN 650 OP	/	8,0
Y-204RS	JA 82 NI	GJ 75 NI	6,5
Y-204SS	JA 75 NI	GJ 75 NI	8,5
Y-204TS	JA 78 NI	GJ 75 NI	11,0
Y-204TS-1	JA 78 NI	GJ 75 NI	11,0
Y-207T	N 58	GX 59	11,0
Y-208T	SX 74	GX 74	11,0
Y-251	JA 40 MI	/	22,5
Y-252	/	GJ 67 NI	19,0
Y-271-2	/	GJ 12 IS	20,5
Y-272R-1	/	GJ 67 NI	23,0
Y-272T	/	GJ 67 NI	23,0
Y-274	/	GJ 54 MI	20,5

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
N G K			
Y-302	E 200 PE	/	12,0
Y-306R	N 75	/	18,0
Y-307R	JA 26 IS	GJ 26 IS	11,0
Y-402-2	JA 92 TO	/	8,0
Y-403	AN 600 OP	/	11,0
Y-403-1	AN 650 OP	/	8,0
Y-403T	AN 600 OP	/	11,0
Y-404	AN 450 PG	/	9,5
Y-405	AN 500 CI	/	9,5
Y-501U	/	GX 124	12,0
Y-502R	SX 79	GX 79	11,0
Y-503R	/	GX 90	11,0
Y-504J	SX 107	GX 107	11,0
Y-504R	SX 107	GX 107	11,0
Y-506R	SX 94	GX 94	11,0
Y-507R	/	GX 106	11,0
Y-507J	/	GX 106	11,0
Y-508J	/	GX 2152	6,0
Y-509J	JAS 59 NI	GJ 59 NI	11,0
Y-515J	/	GX 82	11,0
Y-516J	/	GX 99	11,0
Y-517J	/	GX 150	11,0
Y-519J	/	GJ 262 NI	11,0
Y-523J	/	GX 135	11,0
Y-524J	/	GX 96	10,0
Y-525J	/	GX 148	11,5
Y-530J	JA 260 NI	GJ 260 NI	11,0
Y-531J	/	GJ 93 TO	11,0
Y-532J	/	GJ 37 MI	11,0
Y-534J	/	GX 103	11,0
Y-701J	/	GJ 1302 MA	11,0
Y-701R	JA 133 MA	GJ 130 MA	12,0
Y-701R	JA 185 KU	GJ 130 MA	12,0
Y-701U	/	GJ 130 MA	11,0
Y-702R	JA 184 KU	GJ 84 NI	11,0
Y-702U	JA 189 KU	GJ 84 NI	10,0
Y-702U	YA 300 YA	GJ 84 NI	10,0
Y-703R	JA 146 DA	GJ 121 TO	11,0
Y-705RS	JA 84 NI	GJ 84 NI	11,0
Y-707RS	JA 86 NI	GJ 55 MI	11,0
Y-709R	JA 186 KU	/	11,0
Y-710R	JA 28 IS	GJ 28 IS	11,0
Y-711R	JA 22 IS	GJ 26 IS	5,0
Y-711J	JA 26 IS	GJ 26 IS	11,0

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O.E.M. - O.E.S.

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	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
N G K			
Y-711RS	JA 26 IS	GJ 26 IS	11,0
Y-712RS	JA 260 NI	GJ 260 NI	11,0
Y-715R	JA 127 TO	GJ 114 TO	11,0
Y-716RS	JA 187 KU	/	11,0
Y-719RS	JA 26 IS	GJ 26 IS	11,0
Y-720U	JA 180 KU	GJ 180 KU	10,0
Y-721-RS	JA 131 MA	GJ 131 MA	11,0
Y-722 J	/	GJ 901 HY	11,0
Y-723 U	JA 31 MI	GJ 31 MI	8,0
Y-729U	SR 125	GX 125	11,5
Y-730U	SX 84	GX 84	11,0
Y-731U	SX 89	GX 89	11,0
Y-732U	SX 93	GX 93	11,0
Y-733-J	JA 53 MI	GJ 53 MI	11,0
Y-738U	SX 120	GX 120	11,0
Y-739R	SR 83	GX 83	11,0
Y-740U	SX 84	GX 84	11,0
Y-741U	SX 97	GX 97	11,0
Y-742U	JA 28 IS	GJ 28 IS	11,0
Y-743U	JA 26 IS	GJ 26 IS	11,0
Y-745U	/	GX 129	11,5
Y-746R	/	GX 128	11,5
Y-746J	/	GX 128	11,5
Y-747U	SX 95	GX 95	11,0
Y-748U	/	GX 132	11,0
Y-749J	/	GX 102	11,0
Y-755RS	/	GJ 85 NI	24,0
Y-757RS	/	GJ 88 NI	24,0
Y-810	AN 400 PG	/	9,5
Y-810	AN 820 KH	/	10,5
Y-811	AN 840 KH	/	11,0
Y-901R	SR 58	GX 59	11,0
Y-902R	SR 73	GX 74	11,5
Y-902R	SR 74	GX 74	11,0
Y-904M	JA 24 IS	GJ 24 IS	11,0
Y-907R	SR 66	GX 66	11,0
Y-908R	R 74	GX 74	11,0
Y-909R	R 78	GX 78	11,0
Y-910R	SR 67	GX 66	11,5
Y-911R	SR 66	GX 66	11,0
Y-913M	SX 64	GX 64	11,0
Y-914U	SX 69	GX 69	11,0
Y-916R	SX 70	GX 70	11,5
Y-917U	SX 77	GX 74	11,0

	OUR REFERENCE		
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
N G K			
Y-918R	SX 59	GX 59	11,0
Y-920R	SR 74	GX 74	11,0
Y-922R	SX 75	GX 74	11,0
Y-923U	SX 74	GX 74	11,0
Y-924J	SX 74	GX 74	11,0
Y-924U	SX 74	GX 74	11,0
Y-925R	SX 116	GX 116	11,5
Y-925J	SX 116	GX 116	11,5
Y-925U	/	GX 129	11,5
Y-926U	SX 74	GX 74	11,0
Y-927R	SX 63	GX 63	11,0
Y-928U	SX 67	GX 67	11,0
Y-929U	SX 86	GX 86	11,5
Y-930Y	SX 119	GX 119	11,5
Y-930U	SX 119	GX 119	11,5
Y-932R	SX 60	GX 60	11,0
Y-933R	SX 60	GX 60	11,0
Y-935U	SX 68	GX 68	11,0
Y-937R	SX 61	GX 61	10,0
Y-938R	/	GX 74	11,0
Y-954M	/	GJ 12 IS	23,0
Y-955RS	/	GJ 67 NI	24,0
YE-01	JA 188 KU	/	11,0
YE-04	/	GX 4118	11,0
KN-32	/	GX 2152	11,0
NIPPON DENSO			
067100-1042	JA 92 TO	/	8,0
067100-1070	/	GJ 152 HI	24,0
067100-1071	/	GJ 152 HI	19,0
067100-1090	JA 142 DA	/	8,0
067100-1100	JA 140 DA	/	8,0
067100-1120	/	GJ 118 TO	19,0
067100-1130	JA 98 TO	GJ 121 TO	8,0
067100-1161	/	GJ 118 TO	20,5
067100-1171	JA 102 TO	GJ 121 TO	8,5
067100-1175	JA 102 TO	GJ 121 TO	8,5
067100-1190	/	GJ 106 TO	21,0
067100-1210	JA 114 TO	GJ 114 TO	11,0
067100-1220	/	GJ 118 TO	23,0
067100-1250	/	GJ 106 TO	21,0
067100-1270	JA 108 TO	GJ 114 TO	11,0
067100-1280	/	GJ 125 TO	23,0

OUR REFERENCE			
O.E.M. Ref. O.E.S. Ref.	SINGLE Coil	TWIN Coil	V
NIPPON DENSO			
067100-1330	JA 121 TO	GJ 121 TO	10,5
067100-1340	/	GJ 118 TO	23
067100-1350	JA 110 TO	GJ 121 TO	8,5
067100-1360	/	GJ 118 TO	20,5
067100-1370	JA 122 TO	GJ 114 TO	7,0
067100-1380	/	GJ 125 TO	16,0
067100-1430	JA 116 TO	GJ 121 TO	7,0
067100-1450	JA 123 TO	GJ 121 TO	6,0
067100-1460	/	GJ 118 TO	14,0
067100-1500	JA 129 TO	GJ 114 TO	6,0
067100-1530	JA 144 DA	GJ 121 TO	7,0
067100-1540	JA 119 TO	/	14,0
067100-1580	/	GJ 12 IS	23,0
067100-1591	JA 151 HI	GJ 24 IS	10,5
067100-1630	JA 114 TO	GJ 114 TO	11,0
067100-1670	JA 148 DA	GJ 121 TO	11,0
067100-1690	JA 146 DA	GJ 121 TO	11,0
067100-1700	/	GJ 118 TO	23,0
067100-1700	/	GJ 118 TO	23,0
067100-1710	JA 114 TO	GJ 114 TO	11,0
067100-1840	JA 128 TO	GJ 114 TO	11,0
067100-1850	/	GJ 1300 MA	11,0
067100-1860	JA 121 TO	GJ 121 TO	10,5
067100-1900	/	GJ 1301 MA	11,0
067100-1910	JA 114 TO	GJ 114 TO	11,0
142000-0200	JA 117 TO	GJ 117 TO	11,0

CONVERSION LIST
LISTA DI COMPARAZIONE
TABLE DE CONVERSION
CAR MAKERS

CONVERSION LIST

CAR MAKERS

A-B-C

	OUR REFERENCE		
	SINGLE Coil	TWIN Coil	
CAR MAKER			V
ALFA ROMEO			
11661 05 358 00	R 78	GX 78	11,0
11676 05 358 01	N 78	GX 78	11,0
11676 05 358 01	R 78	GX 78	11,0
46072001	SX 74	GX 74	11,0
46451951	SX 95	GX 95	11,0
46754154	/	GX 103	11,0
46792355	/	GX 4151	11,0
4729595	SX 74	GX 74	11,0
4849406	SX 74	GX 74	11,0
773592	SX 74	GX 74	11,0
60507123	R 78	GX 78	11,0
60596245	SX 74	GX 74	11,0
60617002	SX 97	GX 97	11,0
60814613	SX 95	GX 95	11,0
60816139	SX 95	GX 95	11,0
9633214380	SX 74	GX 74	11,0
AUDI			
059 963 319 A	/	GX 124	12,0
B M W			
12 12 1 286 058	SR 74	GX 74	11,0
12 12 1 286 059	SX 74	GX 74	11,0
12 12 1 288 161	SX 74	GX 74	11,0
12 23 1 288 245	SX 74	GX 74	11,0
12 23 2 240 255	SR 74	GX 74	11,0
12 23 2 241 387	SX 74	GX 74	11,0
12 23 2 241 388	SX 74	GX 74	11,0
12 23 2 241 389	SX 74	GX 74	11,0
12 23 2 248 059	/	GX 106	11,0
12 23 2 248 422	/	GX 133	11,0
12 23 7 786 869	/	GX 2106	5,0
12 23 7 788 957	/	GX 2135	5,0
12 23 7 791 101	/	GJ 94 TO	11,0
12 23 9 061 353	SX 74	GX 74	11,0
12 23 9 061 354	SX 74	GX 74	11,0
77 86 869	/	GX 2106	5,0
77 88 957	/	GX 2135	5,0
CATERPILLAR			
1P-7324	JA 170 CA	/	24,0
3S-9624	JA 170 CA	/	24,0

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
CATERPILLAR			
3T-8705	JA 176 CA	/	12,0
3T-8706	JA 172 CA	/	24,0
3T-9561	JA 174 CA	/	12,0
3T-9562	JA 170 CA	/	24,0
4N-360	JA 172 CA	/	24,0
4S-7824	JA 170 CA	/	24,0
9H-4577	JA 170 CA	/	24,0
9N-0194	JA 176 CA	/	12,0
IP-7912	JA 174 CA	/	12,0
CHEVROLET			
2666A013	US 560 CH	GUS 560 CH	11,0
89417 51581	JA 24 IS	GJ 24 IS	11,0
972 10 818	/	GX 145	11,0
970 80 554	JA 29 IS	GJ 29 IS	11,0
CHRYSLER			
4863 826	SX 97	GX 97	11,0
0 506 6840 AA	/	GX 123	11,0
5080 046 AA	/	GX 129	11,5
5080 047 AA	/	GX 129	11,5
5080 047 AB	/	GX 129	11,5
5117 592 AA	/	GX 129	11,5
CITROEN			
5 414 326	AN 500 CI	/	9,5
5 415 813	AN 400 PG	/	9,5
5 460 556	AN 500 CI	/	9,5
5 477 234	AN 500 CI	/	9,5
5 491 387	AN 500 CI	/	9,5
5 500 842	AN 500 CI	/	9,5
5 962 008	SX 74	GX 74	11,0
5 962 2Z	SX 89	GX 89	11,0
5962 W2	SX 89	GX 89	11,0
5 962 5A	SX 79	GX 79	11,0
5 962 58	SX 74	GX 74	11,0
5500 842	AN 500 CI	/	9,5
5960.19	/	GX 4118	11,0
5960 32	SX 77	GX 74	11,0
5960 33	SX 67	GX 67	11,0
5960 34	SX 67	GX 67	11,0
5960 35	SX 116	GX 116	11,5

CONVERSION LIST

CAR MAKERS

C

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
CITROEN			
5960 36	JA 26 IS	GJ 26 IS	11,0
5960 38	/	GX 106	11,0
5960 39	SR 83	GX 83	11,0
5960 40	JA 121 TO	GJ 121 TO	10,5
5960 41	SX 95	GX 95	11,0
5960.64	/	GX 117	11,0
5960.65	/	GX 117	11,0
5960.66	SX 107	GX 107	11,0
5960.67	SX 107	GX 107	11,0
5960 77	/	GX 4126	11,0
5960 88	/	GX 148	11,5
5960 89	/	GX 148	11,5
5961 05	AN 400 PG	/	9,5
5961 18	AN 450 PG	/	9,5
5961 22	AN 400 PG	/	9,5
5961 39	SX 74	GX 74	11,0
5961 40	SX 74	GX 74	11,0
5961 53	SX 74	GX 74	11,0
5961 54	SX 74	GX 74	11,0
5961 57	SX 74	GX 74	11,0
5961 58	SX 74	GX 74	11,0
5961 95	N 75	/	18,0
5962 03	SX 74	GX 74	11,0
5962 1P	SX 120	GX 120	11,0
5962 1Q	SX 120	GX 120	11,0
5962 1R	SX 74	GX 74	11,0
5962 1S	SX 68	GX 68	11,0
5962 1T	SX 74	GX 74	11,0
5962 1V	SX 74	GX 74	11,0
5962 1W	SX 66	GX 66	11,5
5962 1X	SX 60	GX 60	11,0
5962 1Y	SX 64	GX 64	11,0
5962 1Z	SX 59	GX 59	11,0
5962 2Z	SX 90	GX 90	11,0
5962 3C	SX 107	GX 107	11,0
5962 3E	SX 107	GX 107	11,0
5962 3H	SX 74	GX 74	11,0
5962 4J	/	GX 82	11,0
5962 4K	SX 63	GX 63	11,0
5962 4L	SX 84	GX 84	11,0
5962 58	SX 74	GX 74	11,0
5962 74	SX 74	GX 74	11,0
5962 74	SX 74	GX 74	11,0
5962 74	SX 74	GX 74	11,0
5962 7F	SX 107	GX 107	11,0

	OUR REFERENCE		
	SINGLE Coil	TWIN Coil	
CAR MAKER			V
CITROEN			
5962 7G	SX 107	GX 107	11,0
5962 7Z	SX 60	GX 60	11,0
5962 C7	AN 400 PG	/	9,5
5962 J2	SX 74	GX 74	11,0
5962 J3	SX 66	GX 66	11,0
5962 J4	SX 74	GX 74	11,0
5962 J5	SX 74	GX 74	11,0
5962 J6	SX 74	GX 74	11,0
5962 J7	SX 59	GX 59	11,0
5962 K5	SX 74	GX 74	11,0
5962 R8	SX 74	GX 74	11,0
5962 S8	SX 74	GX 74	11,0
5962 T1	SX 64	GX 64	11,0
5962 T2	SX 60	GX 60	11,0
5962 T3	JA 16 IS	GJ 28 IS	5
5962 T3	SX 74	GX 74	11,0
5962 T7	SX 66	GX 66	11,0
5962 T7	SX 74	GX 74	11,0
5962 W2	SX 89	GX 89	11,0
5962 W3	SX 89	GX 89	11,0
5962 W8	SX 74	GX 74	9,5
5962 X1	SX 74	GX 74	11,0
5981 10	SX 74	GX 74	11,0
5981 11	SX 74	GX 74	11,0
5981 13	SX 74	GX 74	11,0
5981 15	SX 74	GX 74	11,0
7549 232 5	AN 500 CI	/	9,5
7563 225 100	AN 450 PG	/	9,5
7932 564 528	SX 74	GX 74	11,0
7932 565 492	AN 450 PG	/	9,5
7932 567 619	AN 400 PG	/	9,5
7932 567 717	SX 74	GX 74	11,0
7932 567 717	SX 74	GX 74	11,0
7932 567 718	SX 74	GX 74	11,0
90 041 002 80	SX 66	GX 66	11,0
91 507 718	SX 74	GX 74	11,0
91 521 849	SX 74	GX 74	11,0
91 536 646	SX 74	GX 74	11,0
91 538 910 99	SX 66	GX 66	11,0
9150 771 880	SX 74	GX 74	11,0
9150 861 080	SX 74	GX 74	11,0
9153 664 680	SX 74	GX 74	11,0
93 010 500	N 75	/	18,0
95 493 206	SX 74	GX 74	11,0
95 534 788	SX 74	GX 74	11,0

	OUR REFERENCE		
	SINGLE Coil	TWIN Coil	V
CAR MAKER			
CITROEN			
96 009 783	SX 66	GX 66	11,0
96 009 783	SX 74	GX 74	11,0
96 070 388 80	SX 66	GX 66	11,0
96 076 258	SX 66	GX 66	11,0
96 076 258	SX 74	GX 74	11,0
96 104 689	SX 74	GX 74	11,0
96 141 678	SX 74	GX 74	11,0
96 165 724	SX 74	GX 74	11,0
96 165 734	SX 89	GX 89	11,0
96 236 383	SX 107	GX 107	11,0
96 316 589 80	SX 89	GX 89	11,0
96 332 143	SX 74	GX 74	11,0
96 374 699 80	/	GX 4118	11,0
96 389 858	SX 107	GX 107	11,0
96 510 297	SX 107	GX 107	11,0
96 515 836	SX 107	GX 107	11,0
HG 2621	AN 400 PG	/	9,5
MKD 000 66	SX 74	GX 74	11,0
MKD 000 68	SR 66	GX 66	11,0
MKP 000 64	SR 64	GX 64	11,0
MKP 000 65	SX 74	GX 74	11,0
MKP 000 67	SX 74	GX 74	11,0
MKP 000 68	SR 68	GX 68	11,0
MKP 000 69	SX 74	GX 74	11,0
MKP 000 70	AN 1000 ME	/	0,9
MKP 000 71	SX 59	GX 59	11,0
CUMMINS			
3 928 189	TF 180	/	11,0
3 925 441	TF 160	/	19,0
3 928 188	TF 160	/	19,0
DAEWOO			
90210824	SX 74	GX 74	11,0
DAF			
105977	TF 150	/	19,0
117501	AN 1184 PK	/	12,0
611065	AN 1184 PK	/	12,0
1343069	AN 1184 PK	/	12,0
1353958	SX 74	GX 74	11,0
1378163	AN 1184 PK	/	12,0

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
DAIHATSU			
067100-1100	JA 140 DA	/	8,0
19850-54030	JA 108 TO	GJ 114 TO	11,0
19850-54050	JA 122 TO	GJ 114 TO	7,0
19850-54070	JA 129 TO	GJ 114 TO	6,0
19850-54071	JA 116 TO	GJ 121 TO	7,0
19850-54090	JA 127 TO	GJ 114 TO	11,0
19850-56010	/	GJ 118 TO	19,0
19850-56012	/	GJ 118 TO	20,5
19850-56022	JA 102 TO	GJ 121 TO	8,5
19850-58030	JA 98 TO	GJ 121 TO	8,0
19850-58040	/	GJ 118 TO	24,0
19850-64010	JA 116 TO	GJ 121 TO	7,0
19850-64020	JA 144 DA	GJ 121 TO	7,0
19850-68010	JA 142 DA	/	8,0
19850-68030	JA 102 TO	GJ 121 TO	8,5
19850-68040	/	GJ 118 TO	20,5
19850-68060	/	GJ 118 TO	14,0
19850-87303	JA 142 DA	/	8,0
19850-87309	JA 123 TO	GJ 121 TO	6,0
19850-87701	JA 144 DA	GJ 121 TO	7,0
19850-87702	JA 146 DA	GJ 121 TO	11,0
19850-87703	JA 148 DA	GJ 121 TO	11,0
DEUTZ			
10721000725	SX 73	GX 74	12,5
DEUTZ-AG			
0 118 0400	/	GX 81	11,0
0 118 0898	/	GX 3120	11,0
EBERSPACHER			
100 25 1384 01 00 02/10	AN 1182 EB	/	12,0
FIAT			
975331	AN 201	/	24,0
980611	AN 101	/	12,0
4122453	AN 207	/	24,0
4137983	AN 107	/	12,0
4221168	TA 30 B	/	24,0
4232051	TA 40 B	/	24,0
4232052	TA 30 B	/	24,0

CONVERSION LIST

CAR MAKERS

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CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
FIAT			
4393814	N 76	GX 74	11,0
4474413	R 74	GX 74	11,0
46447610	SX 67	GX 67	11,0
46451951	SX 95	GX 95	11,0
46754154	/	GX 103	11,0
46779614	/	GX 4119	11,0
46796050	/	GX 4119	11,0
4714294	N 76	GX 74	11,0
4724601	TA 20 B	/	12,0
4724603	TA 30 B	/	24,0
4724604	TA 40 B	/	24,0
4729585	N 76	GX 74	11,0
4738576	N 76	GX 74	11,0
4752281	N 79	GX 78	11,0
4754011	N 76	GX 74	11,0
4774412	N 76	GX 74	11,0
4774413	R 74	GX 74	11,0
4775705	TF180	/	11,0
4776085	TF180	/	11,0
4781356	R 74	GX 74	11,0
4783047	R 74	GX 74	11,0
4792112	SX 74	GX 74	11,0
4832279	TF 180	/	11,0
4833643	SR 72	GX 74	11,0
4849406	SR 72	GX 74	11,0
4849406	R 74	GX 74	11,0
4849601	TF 180	/	11,0
5141702	TA 20 B	/	12,0
5155859	TA 22 B	/	12,0
5161845	TA 22 B	/	12,0
5493206	N 76	GX 74	11,0
5500842	AN 500 CI	/	9,5
5946920	SX 74	GX 74	11,0
5950464	N 76	GX 74	11,0
5951861	N 76	GX 74	11,0
5951879	N 76	GX 74	11,0
5951880	N 78	GX 78	11,0
5951881	SR 74	GX 74	11,0
5951882	R 74	GX 74	11,0
5973752	SX 74	GX 74	11,0
5973753	SX 74	GX 74	11,0
5990986	SX 74	GX 74	11,0
07029585	N 76	GX 74	11,0
7029585	N 76	GX 74	11,0
7632587	SR 83	GX 83	11,0

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
FIAT			
7702960	SX 74	GX 74	11,0
7735920	SX 75	GX 74	11,0
7777837	SX 71	GX 68	11,0
8122180	TF160	/	19,0
8122193	TF140	/	9,5
9753331	AN 201	/	24,0
46447610	SX 67	GX 67	11,0
46451951	SX 95	GX 95	11,0
46751764	SX 91	GX 91	11,0
46754154	/	GX 103	11,0
46779614	/	GX 4119	11,0
46792355	/	GX 4151	11,0
46796050	/	GX 4119	11,0
50030184	SX 74	GX 74	11,0
50030185	SR 83	GX 83	11,0
50030192	R 78	GX 78	11,0
50030195	SR 74	GX 74	11,0
50032389	SX 59	GX 59	11,0
50032390	SX 64	GX 64	11,0
50032391	SX 66	GX 66	11,0
50032392	SX 68	GX 68	11,0
50032393	SX 70	GX 70	11,5
50032394	SX 74	GX 74	11,0
500351992	/	GX 4153	11,0
55200817	/	GX 103	11,0
57029585	N 76	GX 74	11,0
60507123	N 78	GX 78	11,0
60596245	SX 75	GX 74	11,0
60617002	SX 97	GX 97	11,0
60657138	/	GX 80	12,0
60812292	SX 75	GX 74	11,0
60814613	SX 95	GX 95	11,0
60815294	/	GX 80	12,0
60816139	/	GX 103	11,0
61617002	SX 97	GX 97	11,0
71713981	/	GX 80	12,0
71719015	SR 74	GX 74	11,0
71735464	SX 91	GX 91	11,0
76226740	SR 74	GX 74	11,0
77359200	SX 74	GX 74	11,0
88900066	AN 840 KH	/	10,5
96165724	SX 74	GX 74	11,0
98459883	SX 71	GX 68	11,0
98462490	SX 69	GX 69	11,0
98462492	SX 74	GX 74	11,0

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
FIAT			
98498630	SX 71	GX 68	11,0
98498630	SX 66	GX 66	11,0
500303569	SX 79	GX 79	11,0
500314583	TF 180	/	11,0
500316493	SX 79	GX 79	11,0
500351992	/	GX 4153	11,0
9616472480	SX 74	GX 74	11,0
9616572480	SX 74	GX 74	11,0
9623638380	SX 107	GX 107	11,0
9631658980	SX 90	GX 90	11,0
9633214380	SX 74	GX 74	11,0
9638985980	SX 107	GX 107	11,0
9651583680	/	GX 117	11,0
46072001 F	SX 74	GX 74	11,0
717190 15	SX 74	GX 74	11,0
717340 87	SX 95	GX 95	11,0
717354 58	/	GX 103	11,0
717354 59	SX 67	GX 67	11,0
717354 60	SX 68	GX 68	11,0
717354 61	SX 74	GX 74	11,0
717354 62	SX 79	GX 79	11,0
717354 63	SR 83	GX 83	11,0
717354 64	SX 91	GX 91	11,0
717354 65	SX 97	GX 97	11,0
F2 VB	N 76	GX 74	11,0
F4 VB	N 76	GX 74	11,0
FU 2A	SR 74	GX 74	11,0
FU 4A	R 74	GX 74	11,0
FORD			
1001049	SX 61	GX 61	10,0
1008792	SX 61	GX 61	10,0
1037204	SX 93	GX 93	11,0
1045261	SX 61	GX 61	10,0
1056857	SX 61	GX 61	10,0
1073697	TA 8 B	/	8,0
1079401	/	GX 96	10,0
1096527	/	GX 148	11,5
1148105	/	GX 4118	11,0
1 309 471	/	GX 148	11,5
1313809	/	GX 117	11,0
1587444	N 76	GX 74	11,0
1587757	AN 1186 FD	/	11,0
1590417	SX 74	GX 74	11,0

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
FORD			
1669977	SX 93	GX 93	11,0
1690048	SX 97	GX 97	11,0
1820697C1	JA 137 MA	GJ 130 MA	11,0
1952464	JA 260 NI	GJ 260 NI	11,0
1037204	SX 93	GX 93	11,0
1669977	SX 93	GX 93	11,0
4025139	/	GJ 1302 MA	11,0
5023129	JA 56 MI	GJ 55 MI	12,0
5023133	JA 136 MA	GJ 130 MA	10,5
5023372	SX 74	GX 74	11,0
5031006	SX 74	GX 74	11,0
6048827	AN 840 KH	/	10,5
6063505	N 76	GX 74	11,0
6075812	SX 74	GX 74	11,0
6132244	SR 68	GX 68	11,0
6132246	SR 66	GX 66	11,0
6154593	SX 74	GX 74	11,0
6163811	SX 74	GX 74	11,0
6748697	TA 8 B	/	8,0
7072673	SX 74	GX 74	11,0
7088988	SX 66	GX 66	11,0
1M2118B515AA	/	GX 98	11,0
2S6Q6M090AA	/	GX 4118	11,0
3M5Q6M090AB	/	GX 117	11,0
4U3Q-AA	/	GX 4126	11,0
4U3Q-6M090-AA	/	GX 4126	11,0
6A843G138	/	GUS 555 CH	10,5
71F61055AC	AN 1186 FD	/	11,0
715F11390CA	AN 1186 FD	/	11,0
715F6L055AC	AN 1186 FD	/	11,0
715F6L055AD	AN 1186 FD	/	11,0
715F62055AA	AN 1186 FD	/	11,0
785F6M090BA	N 76	GX 74	11,0
785F6M090CB	N 76	GX 74	11,0
786B6M090CA	N 76	GX 74	11,0
78GB6M090BA	AN 840 KH	/	10,5
78GB6M090CA	N 76	GX 74	11,0
795F6M090AA	N 68	GX 68	11,0
795F6M090BA	SR 68	GX 68	11,0
795F6M090CA	N 68	GX 68	11,0
83BB6M090A1A	SR 74	GX 74	11,0
83BB6M090A2A	SR 74	GX 74	11,0
83BB6M090B1A	SR 66	GX 66	11,0
83BB6M090B2A	SR 66	GX 66	11,0
844FF9N424AA	TA 8 B	/	8,0

CONVERSION LIST

CAR MAKERS

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	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
CAR MAKER			
FORD			
84BB6M090AA	SR 74	GX 74	11,0
84FF 6M091BA	SR 66	GX 66	11,0
84FF 6M091BA	SR 68	GX 68	11,0
84FF 6M091BA	SX 74	GX 74	11,0
84FF6M090B1A	SR 68	GX 68	11,0
84FF6M090B2A	SR 68	GX 68	11,0
84FF6M091BA	SR 68	GX 68	11,0
88BB6M090AA	SR 74	GX 74	11,0
89FF6M090AA	SR 67	GX 66	11,5
89FF6M091AA	SX 74	GX 74	11,0
890X6M090UA	SX 74	GX 74	11,0
910X6M090AA	SX 64	GX 64	11,0
910X6M090BA	N 76	GX 74	11,0
92VB 9N424BA	TA 8 B	/	8,0
93BB6M090A2A	SR 74	GX 74	11,0
93FF6M090AA	SX 66	GX 66	11,0
94DD6M090AA	SX 74	GX 74	11,0
95VB 9N424AA	TA 8 B	/	8,0
95VB 9N424AB	TA 8 B	/	8,0
95DD6M090AA	SX 97	GX 97	11,0
95VW6M090AA	SX 93	GX 93	11,0
95VW6M090AB	SX 93	GX 93	11,0
96FF 6M090BA	SX 61	GX 61	10,0
96FF6M090AA	SX 61	GX 61	10,0
96FF6M090AB	SX 61	GX 61	10,0
96FF6M090CA	SX 61	GX 61	10,0
99FF 6M090AA	SX 61	GX 61	10,0
99FF 6M090BA	SX 61	GX 61	10,0
99FF 6M090BB	SX 61	GX 61	10,0
99FF6M090AA	SX 61	GX 61	10,0
EZD 18	JA 56 MI	GJ 55 MI	12
EZD 20	JA 69 NI	GJ 69 NI	6,5
EZD 22	JA 136 MA	GJ 130 MA	11,0
EZD 30	SX 74	GX 74	11,0
EZD 33	SX 93	GX 93	11,0
EZD 35	SX 61	GX 61	10,0
EZD 36	SX 97	GX 97	11,0
EZD 36	SX 97	GX 97	11,0
EZD 37	/	GX 96	10,0
EZD 38	/	GX 148	11,5
EZD 40	/	GX 4118	11,0
EZD 8	SR 67	GX 66	11,5
E 2TZ 12A342A	US 575 CH	GUS 575 CH	10,5
E 4TZ 12A342A	US 575 CH	GUS 575 CH	5,0
E 5 TZ 12A342A	US 550 CH	GUS 555 CH	10,5

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
FORD			
E 7TZ 12A342A	US 575 CH	GUS 575 CH	10,5
F 2TZ 12A342A	US 575 CH	GUS 575 CH	5,0
F4TZ-12A342-A	/	GX 130	11,0
F4TZ-12A342-BA	/	GX 130	11,0
RZD 4	SX 61	GX 61	10,0
SBA185366060	JA 183 KU	GJ 130 MA	10,5
V 94DX 6M090AA	SX 74	GX 74	11,0
V94DD 6M090A	SX 74	GX 74	11,0
V94DX 6M090A	SX 74	GX 74	11,0
V95DD 6M090A	SX 97	GX 97	11,0
XM34-12A342BA	/	GJ 130 MA	11,0
XS4U 6M090AB	/	GX 96	10,0
XS 7H 6M090 AA	/	WW 68	11,0
XS7U 6M090BA	/	GX 148	11,5
XS7U 6M090BB	/	GX 148	11,5
ZD 1A	US 565 CH	GUS 565 CH	10,5
ZD 3	SR 74	GX 74	11,0
ZD 8	US 575 CH	GUS 575 CH	10,5
ZD 9	US 575 CH	GUS 575 CH	10,5
ZD 10	/	GX 130	11,0
ZD 11	/	GX 130	11,0
G.M.			
25 163 212	US 550 CH	GUS 555 CH	6,0
25 168 651	US 550 CH	GUS 555 CH	6,0
56 13 680	US 565 CH	GUS 565 CH	10,5
56 13 738	US 550 CH	GUS 555 CH	6,0
56 136 73	US 566 CH	GUS 566 CH	6,0
56 14 220	US 575 CH	GUS 575 CH	10,5
88 900 715	/	GX 129	11,5
88 900 716	SX 97	GX 97	11,0
88 900 717	/	GX 124	12,0
88 900 718	/	GX 128	11,5
88 900 719	/	GX 122	11,5
88 900 721	/	GX 106	11,0
88 900 722	SX 93	GX 93	11,0
88 900 724	SX 119	GX 119	11,5
88 900 727	SX 116	GX 116	11,5
90 464 737	SX 126	GX 126	11,0
90 569 338	/	GX 132	11,0
91 153 919	SX 97	GX 97	11,0
91 182 01	/	GX 132	11,0
91 96 669	/	GX 135	11,0
93 178 047	/	GX 4119	11,0

	OUR REFERENCE		
CAR MAKER	SINGLE Coil	TWIN Coil	V
G.M.			
93 178 225	/	GX 135	11,0
93 178 411	/	GX 4151	11,0
93 183 739	JA 29 IS	GJ 29 IS	11,0
93 187 927	/	GX 145	11,0
97 080 554	JA 29 IS	GJ 29 IS	11,0
97 210 818	/	GX 145	11,0
97 226 202	/	GX 137	11,0
97 358 626	/	GX 145	11,0
97 464 737	/	GX 135	11,0
HINO			
09 11 8201	/	GX 132	11,0
93 17 8047	/	GX 4119	11,0
19 85 A 56 022	JA 98 TO	GJ 121 TO	8,0
HYUNDAI			
36710-27000	/	GX 102	11,0
36710-27010	/	GX 102	11,0
36710-42000	/	GJ 901 HY	11,0
36710-42010	JA 55 MI	GJ 55 MI	6,2
36710-42020		GJ 901 HY	11,0
36710-42510	JA 53 MI	GJ 53 MI	11,0
36710-42550	JA 53 MI	GJ 53 MI	11,0
36710-4A000	/	GX 2152	6,0
36710-4A100	/	GX 2152	6,0
HONDA			
12291-P5T-G00	SX 84	GX 84	11,0
12291-PLZ-D00	/	GX 145	11,0
I.H.C (International Harv. CO.)			
3054 716 R 91	AN 800 KH	/	9,5
710 348 R 1	AN 1000 ME	/	0,9
1273118C1	JA 183 KU	GJ 130 MA	10,5
ISHIKAWAJIMA SHIBAUR			
18635-6080	JA 136 MA	GJ 130 MA	10,5

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
ISKRA			
11 720 205	AN 1181 WE	/	12,0
11 720 207	AN 1182 EB	/	12,0
11 720 208	AN 1183 WE	/	24,0
11 720 209	AN 1184 PK	/	12,0
11 720 211	AN 1186 FD	/	11,0
11 720 212	AN 1187 FP	/	12,0
11 720 430	TA 8 B	/	8,0
11 720 533	TF 190	/	24,0
ISUZU			
12 14 321	JA 24 IS	GJ 24 IS	11,0
9-4133-759	JA 24 IS	GJ 24 IS	11,0
9-4140-115	JA 24 IS	GJ 24 IS	11,0
9-4175-158	JA 24 IS	GJ 24 IS	11,0
1-82513043-0	/	GJ 12 IS	20,5
1-82513043-1	/	GJ 12 IS	20,5
1-82513044-0	/	GJ 12 IS	20,5
5-81410040-0	JA 14 IS	GJ 28 IS	9,0
5-81410044-0	/	GJ 10 IS	20,5
5-81410045-0	/	GJ 10 IS	20,5
5-81410055-2	JA 18 IS	GJ 28 IS	9,5
5-81410056-3	JA 20 IS	GJ 28 IS	9,5
5-81410057-2	JA 18 IS	GJ 28 IS	9,5
5-81410057-3	/	GX 124	12,0
5-81410058-3	JA 20 IS	GJ 28 IS	9,5
8-94133759-1	JA 24 IS	GJ 24 IS	11,0
8-94133759-2	JA 24 IS	GJ 24 IS	11,0
8-94133759-3	JA 24 IS	GJ 24 IS	11,0
8-94133759-4	JA 24 IS	GJ 24 IS	11,0
8-94133759-5	JA 24 IS	GJ 24 IS	11,0
8-94133759-6	JA 24 IS	GJ 24 IS	11,0
8-94133759-7	JA 24 IS	GJ 24 IS	11,0
8-94133759-8	JA 24 IS	GJ 24 IS	11,0
8-94135377-3	/	GJ 12 IS	23,0
8-94139035-2	/	GJ 12 IS	23,0
8-94140115-3	JA 24 IS	GJ 24 IS	11,0
8-94144412-0	JA 28 IS	GJ 28 IS	11,0
8-94144412-1	JA 28 IS	GJ 28 IS	11,0
8-94172223-0	/	GJ 10 IS	23,0
8-94175158-0	JA 24 IS	GJ 24 IS	11,0
8-94175158-1	JA 24 IS	GJ 24 IS	11,0
8-94221719-3	JA 16 IS	GJ 28 IS	5,0
8-94241449-0	JA 16 IS	GJ 28 IS	5,0
8-94241449-1	JA 16 IS	GJ 28 IS	5,0

CONVERSION LIST CAR MAKERS

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CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
ISUZU			
8-94241499-0	JA 16 IS	GJ 28 IS	5,0
8-94249692-1	JA 16 IS	GJ 28 IS	5,0
8-94255588-0	JA 16 IS	GJ 28 IS	5,0
8-94319700-1	JA 28 IS	GJ 28 IS	11,0
8-94319700-2	JA 28 IS	GJ 28 IS	11,0
8-94334900-0	/	GJ 10 IS	23,0
8-94387612-1	JA 26 IS	GJ 26 IS	11,0
8-94402303-1	JA 22 IS	GJ 26 IS	5,0
8-94439218-0	JA 25 IS	GJ 28 IS	5,0
8-94481972-0	JA 26 IS	GJ 26 IS	11,0
8-97033761-0	/	GJ 12 IS	23,0
8-97043744-0	JA 26 IS	GJ 26 IS	11,0
8-97044037-0	JA 26 IS	GJ 26 IS	11,0
8-97073641-0	JA 24 IS	GJ 24 IS	11,0
8-97080554-0	JA 29 IS	GJ 29 IS	11,0
8-97143674-1	/	GJ 1143 IS	11,0
8-97210818-2	/	GX 145	11,0
8-97226-202-2	/	GX 137	11,0
9-82511-957-0	JA 8 IS	GJ 28 IS	10,5
9-82511-964-0	JA 8 IS	GJ 28 IS	10,5
9-82511-965-0	/	GJ 10 IS	24,0
9-82511-978-0	JA 8 IS	GJ 28 IS	10,5
9-82511-978-1	JA 8 IS	GJ 28 IS	10,5
9-82511-978-2	JA 8 IS	GJ 28 IS	10,5
9-82511-978-3	JA 8 IS	GJ 28 IS	10,5
9-82511-979-0	/	GJ 10 IS	24,0
9-8251-3928-0	/	GJ 12 IS	20,5
9-8251-3928-1	/	GJ 12 IS	20,5
9-8251-3928-2	/	GJ 12 IS	20,5
9-8251-3928-3	/	GJ 12 IS	20,5
9-8251-3928-4	/	GJ 12 IS	20,5
9-8251-3928-5	/	GJ 12 IS	20,5
9-8251-3928-6	/	GJ 12 IS	20,5
9-8251-3928-7	/	GJ 12 IS	20,5
9-8251-3928-8	/	GJ 12 IS	20,5
9-8251-3928-9	/	GJ 12 IS	20,5
9-8251-3955-0	/	GJ 10 IS	20,5
9-8251-3959-0	/	GJ 10 IS	20,5
9-8251-3959-1	/	GJ 10 IS	20,5
9-8251-3959-2	/	GJ 10 IS	20,5
9-8251-3959-3	/	GJ 10 IS	20,5
9-8251-3959-4	/	GJ 10 IS	20,5

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
IVECO			
27600323	/	GX 4153	11,0
4772614	TF 180	/	11,0
4774413	SX 74	GX 74	11,0
4775705	TF 180	/	11,0
4776085	TF 180	/	11,0
4781356	SX 74	GX 74	11,0
4792112	SX 74	GX 74	11,0
4832279	TF 180	/	11,0
4841294	R74	GX 74	11,0
4849406	SR 72	GX 74	11,0
4849601	TF 170	/	9,5
500351992	/	GX 4153	11,0
5951879	SX 74	GX 74	11,0
7632587	SR 83	GX 83	11,0
8122193	TF 140	/	9,5
9462703	SX 74	GX 74	11,0
98459883	SX 71	GX 68	11,0
98462490	SX 69	GX 69	11,0
98462492	SX 74	GX 74	11,0
98498630	SX 71	GX 68	11,0
99444499	TF 190	/	24,0
99450392	TF 190	/	24,0
99450396	TF 180	/	11,0
500303569	TF 170	/	9,5
500314583	TF 180	/	11,0
500316493	SX 79	GX 79	11,0
500351992	/	GX 4153	11,0
4724602EZ	TA 22 B	/	12,0
4776085	TF 170	/	9,5
8122180	TF 160	/	19,0
99450396	TF 180	/	11,0
JAGUAR			
02 JD 61164	/	GX 148	11,5
02 JD 61604	/	GX 4126	11,0
JEEP			
0 506 6840 AA	/	GX 123	11,0
0 50 800 47 AA	/	GX 128	11,5
0 50 800 47 AB	/	GX 128	11,5

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
KHD			
0009 72 02 03	AN 600 OP	/	11,0
0118 0400	/	GX 82	11,0
0120 07 72 020	SR 74	GX 74	11,0
0120 07 72 020	SX 74	GX 74	11,0
116 1134	TF 180	/	11,0
116 1135	TF 160	/	19,0
116 1636	TF 180	/	11,0
116 1637	TF160	/	19,0
116 2543	AN 1000 ME	/	0,9
116 9117	AN 800 KH	/	9,5
117 0058	AN 800 KH	/	9,5
117 0841	AN 1000 ME	/	0,9
117 3889	TF 190	/	24,0
117 4299	TF 180	/	11,0
117 4599	TF 150	/	19,0
117 9031 EC	TF 180	/	11,0
117 9370	/	GX 3095	11,0
117 9702 ED	TF 180	/	11,0
117 9703 ED	TF 180	/	11,0
118 0400	/	GX 81	11,0
130 10 86	AN 800 KH	/	9,5
472 9585	SX 74	GX 74	11,0
478 1356	R 74	GX 74	11,0
812 2180	TF160	/	19,0
812 2193	TF140	/	9,5
130 1086	AN 800 KH	/	9,5
472 9585	SX 74	GX 74	11,0
478 1356	SX 74	GX 74	11,0
812 2193	TF 180	/	11,0
B 0,15 H7633	AN 1000 ME	/	0,9
B 12V H7632	TF140	/	9,5
B 12V H7632	TF180	/	11,0
B 24V H7632	TF160	/	19,0
BO 9 H7631	AN 1000 ME	/	0,9
C 12V H7632	TF170	/	9,5
C 12V H7632	TF180	/	11,0
C 24V H7632	TF150	/	19,0
D11 H7631	AN 1186 FD	/	11,0
H 7631BO	AN 1000 ME	/	0,9
S 95 H7631	AN 800 KH	/	9,5
S 95L 7631	AN 800 KH	/	9,5

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
KIA			
36710-27010	/	GX 102	11,0
36710-4A000	/	GX 2152	6,0
36710-4A100	/	GX 2152	6,0
36710-42510	JA 59 NI	GJ 59 NI	11,0
OK04S-18-140A	JA 131 MA	GJ 131 MA	12,0
OK054-18140	/	GJ 1302 MA	11,0
OK710-18140	/	GJ 1302 MA	11,0
OK710-18140A	/	GJ 1302 MA	11,0
OK71E-18140	JA 131 MA	GJ 131 MA	12,0
OK75A-18140	/	GJ 1302 MA	11,0
OK75B-18-140	/	GJ 1302 MA	11,0
KOMATSU			
600-815-1340	/	GJ 118 TO	20,5
600-815-1350	JA 168 KO	GJ 121 TO	8,5
600-815-2310	JA 160 KO	/	22,5
600-815-2650	JA 160 KO	/	22,5
600-815-2660	JA 160 KO	/	22,5
611-013-2510	JA 160 KO	/	22,5
611-013-2511	JA 160 KO	/	22,5
611-013-2610	JA 160 KO	/	22,5
KUBOTA			
129155-77801	JA 189 KU	GJ 84 NI	10,0
15204-6551-1	JA 31 MI	GJ 31 MI	10,5
15221-6551-3	JA 180 KU	GJ 180 KU	10,5
15261-6551-0	JA 182 KU	GJ 84 NI	10,5
15261-6551-2	JA 182 KU	GJ 84 NI	10,5
15451-6551-1	AN 650 OP	/	8,0
15521-6551-0	JA 180 KU	GJ 180 KU	10,5
15521-6551-1	JA 180 KU	GJ 180 KU	10,5
15521-6551-2	JA 180 KU	GJ 180 KU	10,5
15694-6551-2	JA 184 KU	GJ 84 NI	11,0
15806-6551-2	JA 180 KU	GJ 180 KU	10,5
15951-6551-1	JA 84 NI	GJ 84 NI	12,0
15951-6551-2	JA 181 KU	GJ 84 NI	10,5
16241-6551-1	JA 186 KU	/	11,0
16851-6551-0	JA 188 KU	/	11,0
16851-6551-2	JA 188 KU	/	11,0
17331-6551-1	JA 51 MI	/	11,0
18536-6060	JA 183 KU	GJ 130 MA	10,5
18536-6092	JA 185 KU	GJ 130 MA	12,0
8412	JA 84 NI	GJ 84 NI	12,0
YF04 / 95Y4	JA 188 KU	/	11,0

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CAR MAKERS

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CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
LANCIA			
975331	AN 201	/	24,0
4393814	SX 74	GX 74	11,0
46451951	SX 95	GX 95	11,0
4714294	N 76	GX 74	11,0
4729585	SX 74	GX 74	11,0
4754011	SX 74	GX 74	11,0
4774413	SX 74	GX 74	11,0
4775705	TF180	/	11,0
4776085	TF180	/	11,0
4781356	SX 74	GX 74	11,0
4792112	SX 74	GX 74	11,0
4849406	SX 74	GX 74	11,0
5493206	SX 74	GX 74	11,0
5500842	AN 500 CI	/	9,5
5950464	N 76	GX 74	11,0
5951881	SX 74	GX 74	11,0
5951882	SX 74	GX 74	11,0
5973752	SX 74	GX 74	11,0
5990986	SX 74	GX 74	11,0
60617002	SX 97	GX 97	11,0
7632587	SR 83	GX 83	11,0
7735920	SX 74	GX 74	11,0
8122180	TF160	/	19,0
8122193	TF180	/	11,0
46447610	SX 67	GX 67	11,0
46451951	SX 95	GX 95	11,0
46754154	/	GX 103	11,0
60812292	SX 74	GX 74	11,0
61617002	SX 97	GX 97	11,0
77359200	SX 74	GX 74	11,0
88900066	AN 400 PG	/	9,5
96165724	SX 74	GX 74	11,0
98462492	SX 74	GX 74	11,0
9623638380	SX 107	GX 107	11,0
LEYLAND			
075 95 77	SX 72	GX 74	11,5
LOMBARDINI			
107.2100.072	SX 74	GX 74	11,0
107.2100.079	SX 74	GX 74	11,0
107.2100.089	SX 73	GX 69	12,5
6254414	SX 73	GX 69	12,5

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
MAN			
51 26803 0034	TF 180	/	11,0
A 5 000 04 1358	TA 50 E	/	12,0
51 2603 0019	TF 160	/	19,0
51 26803 0008	TF 160	/	19,0
51 26803 0015	TF 160	/	19,0
51 26803 0019	TF 160	/	19,0
51 26803 0020	AN 1184 PK	/	12,0
51 26803 0021	TF 160	/	19,0
51 26803 0022	TF 160	/	19,0
81 25923 0001	TF 150	/	19,0
MAZDA			
1353-18140	JA 130 MA	GJ 130 MA	12,0
1353-18140A	JA 135 MA	GJ 130 MA	12,0
1354-18140A	/	GJ 132 MA	24,0
4869-18-140A	JA 139 MA	GJ 130 MA	10,5
IE07-18-601	SX 61	GX 61	10,0
RF1M-18-601	/	GJ 1300 MA	11,0
RF2A-18-601	/	GJ 1301 MA	11,0
RFG1-18-601	/	GJ 1302 MA	11,0
RFJ5-18-601	JA 133 MA	GJ 130 MA	12,0
RFN1 18 601	/	GJ 1302 MA	11,0
RFN1 18 601A	/	GJ 1302 MA	11,0
RFR1 18 601	/	GJ 1302 MA	11,0
RFS5 18 601	JA 131 MA	GJ 131 MA	12,0
RFS5 18 601A	JA 131 MA	GJ 131 MA	12,0
S201 18 140	JA 136 MA	GJ 130 MA	10,5
S210-18140	/	GJ 1302 MA	11,0
S501 18 140	JA 136 MA	GJ 130 MA	12,0
S501-18140A	JA 136 MA	GJ 130 MA	10,5
SE01-18140A	/	GJ 132 MA	23,0
VS01-18-601	JA 131 MA	GJ 131 MA	12,0
WLE7-18-601	/	GJ 1302 MA	11,0
WLO1 18 601	/	GJ 1302 MA	11,0
WLO3-18-601	/	GJ 1302 MA	11,0
WLY5-18-601	/	GJ 1300 MA	11,0
Y 401-18-601	/	GX 4118	11,0
Y701-18-601	JA 29 IS	GJ 29 IS	11,0
MERCEDES			
000 150 00 81	SR 125	GX 125	11,5
000 159 04 01	N 75	/	18,0
000 159 06 01	AN 1020 ME	/	0,9

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
MERCEDES			
000 159 21 01	/	GX 116	11,5
000 159 24 01	AN 1020 ME	/	0,9
000 159 25 01	AN 1200 ME	/	9,5
000 159 26 01	AN 1020 ME	/	0,9
000 159 27 01	/	GX 128	11,5
000 159 28 01	/	GX 129	11,5
000 159 37 01	/	GX 129	11,5
000 159 38 01	/	GX 129	11,5
000 159 41 01	AN 840 KH	/	10,5
000 159 42 01	/	GX 129	11,5
000 159 48 01	/	GX 129	11,5
000 159 49 01	/	GX 129	11,5
000 159 51 01	/	GX 2133	5,0
000 159 60 01	AN 1000 ME	/	0,9
000 159 61 01	AN 1000 ME	/	0,9
000 159 74 01	AN 1186 FD	/	11,0
000 159 75 01	SR 73	GX 74	11,5
000 159 77 01	SX 74	GX 74	11,0
000 159 81 01	SX 74	GX 74	11,0
000 159 82 01	N 75	/	18,0
000 159 83 01	SR 73	GX 74	11,5
000 159 90 01	AN 1020 ME	/	0,9
000 159 91 01	AN 1200 ME	/	9,0
000 159 96 01	SX 74	GX 74	11,0
000 159 99 01	SX 74	GX 74	11,0
000 835 0016	AN 1181 WE	/	12,0
001 152 26 01	SX 86	GX 86	11,5
001 159 00 01	SX 70	GX 70	11,5
001 159 02 01	SX 74	GX 74	11,0
001 159 04 01	N 75	/	18,0
001 159 15 01	SX 119	GX 119	11,5
001 159 16 01	SX 119	GX 119	11,5
001 159 17 01	SX 70	GX 70	11,5
001 159 20 01	SX 116	GX 116	11,5
001 159 21 01	SX 116	GX 116	11,5
001 159 22 01	SX 74	GX 74	11,0
001 159 25 01	AN 1020 ME	/	0,9
001 159 26 01	SX 86	GX 86	11,5
001 159 27 01	/	GX 128	11,5
001 159 28 01	/	GX 129	11,5
001 159 35 01	SX 74	GX 74	11,0
001 159 36 01	SX 70	GX 70	11,5
001 159 37 01	/	GX 129	11,5
001 159 38 01	/	GX 129	11,5
001 159 42 01	/	GX 129	11,5

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
MERCEDES			
001 159 46 01	/	GX 4149	11,5
001 159 48 01	/	GX 129	11,5
001 159 49 01	/	GX 129	11,5
001 159 51 01	/	GX 2133	5,0
665 159 00 01	/	GX 150	11,0
A 001 159 04 01	N 75	/	18
A 000 159 51 01	/	GX 2133	5,0
A 660 159 00 01	/	GX 122	11,5
MITSUBISHI			
1304-18140	JA 30 MI	/	22,5
30666-20309	JA 34 MI	/	10,5
30666-51301	/	GJ 152 HI	22,5
30666-57301	JA 33 MI	GJ 31 MI	10,5
31166-03101	/	GJ 32 MI	22,5
31366-02100	JA 40 MI	/	22,5
31366-02109	JA 40 MI	/	22,5
31366-14300	JA 36 MI	/	10,5
31366-14301	JA 36 MI	/	10,5
31366-14302	JA 36 MI	/	10,5
31366-14700	JA 40 MI	/	22,5
31366-14701	JA 40 MI	/	22,5
34466-31300	/	GJ 58 MI	22,0
36710-42500	JA 53 MI	GJ 53 MI	11,0
F0098000017	/	GJ 38 MI	10,5
K 9670240	JA 36 MI	/	10,5
M8 167 32	SX 60	GX 60	11,0
M8 838 28	/	GX 82	11,0
MD070194	JA 55 MI	GJ 55 MI	6,2
MD077167	JA 55 MI	GJ 55 MI	6,2
MD014997	JA 57 MI	GJ 55 MI	6,0
MD050212	JA 56 MI	GJ 55 MI	12,0
MD082392	JA 55 MI	GJ 55 MI	6,2
MD092392	JA 55 MI	GJ 55 MI	6,2
MD197511	JA 53 MI	GJ 53 MI	11,0
MD201632	JA 41 MI	GJ 59 NI	11,0
MD301950	JA 43 MI	GJ 130 MA	11,0
MD344460	JA 43 MI	GJ 130 MA	11,0
MD344469	JA 53 MI	GJ 53 MI	11,0
MD354500	JA 43 MI	GJ 130 MA	11,0
ME007637	/	GJ 49 MI	23,0
ME007545	JA 40 MI	/	20,5
ME007547	JA 40 MI	/	20,5
ME007615	JA 51 MI	/	11,0

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CAR MAKERS

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CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
MITSUBISHI			
ME007637	/	GJ 49 MI	23,0
ME007649	/	GJ 49 MI	23,0
ME017009	/	GJ 54 MI	20,5
ME017010	/	GJ 54 MI	20,5
ME017013	/	GJ 54 MI	20,5
ME037002	JA 42 MI	/	21,0
ME077546	SX 60	GX 60	11,0
ME200970	/	GJ 39 MI	11,0
ME201632	/	GJ 59 NI	11,0
ME201638	/	GJ 39 MI	11,0
ME202785	/	GJ 39 MI	11,0
ME203539	/	GJ 37 MI	11,0
ME203583	JA 59 MI	GJ 59 NI	11,0
ME203754	JA 59 MI	GJ 59 NI	11,0
MM105560	JA 40 MI	/	22,5
MM401621	JA 31 MI	/	10,5
MM401625	JA 40 MI	/	22,5
MM409510	JA 33 MI	/	10,5
MM43214801	/	GJ 38 MI	10,5
MN960270	/	GX 4149	11,5
MQ 901659	/	GJ 1300 MA	11,0
MR577131	JA 53 MI	GJ 53 MI	11,0
NAVISTAR			
304131R2	AN 750 IH	/	11,0
304131R3	AN 750 IH	/	11,0
NISSAN			
11063-31N00	JA 260 NI	GJ 260 NI	11,0
11065-00Q00	/	GX 82	11,0
11065-00QAA	/	GX 82	11,0
11065-02T00	/	GJ 67 NI	24,0
11065-10G00	JA 84 NI	GJ 84 NI	11,0
11065-10T01	/	GJ 88 NI	24,0
11065-16A00	JA 71 NI	GJ 69 NI	8,5
11065-16A01	JA 81 NI	GJ 81 NI	8,5
11065-16A05	JA 69 NI	GJ 69 NI	6,5
11065-16A06	JA 83 NI	GJ 81 NI	6,5
11065-16A10	JA 71 NI	GJ 69 NI	8,5
11065-16A11	JA 81 NI	GJ 81 NI	12,0
11065-16A15	JA 69 NI	GJ 69 NI	6,5
11065-16A16	JA 81 NI	GJ 81 NI	12,0
11065-2W202	/	GJ 264 NI	11,0

	OUR REFERENCE		
	SINGLE Coil	TWIN Coil	
CAR MAKER			V
NISSAN			
11065-2W211	/	GJ 264 NI	11,0
11065-31N00	JA 260 NI	GJ 260 NI	11,0
11065-31W00	JA 74 NI	GJ 84 NI	11,0
11065-31W01	JA 74 NI	GJ 84 NI	11,0
11065-34W00	JA 63 NI	GJ 84 NI	11,0
11065-37506	JA 62 NI	GJ 84 NI	10,5
11065-37507	JA 62 NI	GJ 84 NI	10,5
11065-43G00	JA 86 NI	GJ 55 MI	11,0
11065-43G01	JA 86 NI	GJ 55 MI	11,0
11065-4P400	/	GJ 39 MI	11,0
11065-57J00	JA 261 NI	GJ 261 NI	11,0
11065-5C900	JA 261 NI	GJ 261 NI	11,0
11065-63G00	JA 55 MI	GJ 55 MI	6,2
11065-63G00	JA 86 NI	GJ 55 MI	11,0
11065-65N01	/	GJ 260 NI	11,0
11065-6F900	SX 89	GX 89	11,0
11065-7C000	JA 260 NI	GJ 260 NI	11,0
11065-7F400	/	GJ 263 NI	11,0
11065-9C600	JA 59 NI	GJ 59 NI	11,0
11065-AD200	/	GJ 262 NI	11,0
11065-AD201	/	GJ 262 NI	11,0
11065-AD210	/	GJ 262 NI	11,0
11065-AD220	/	GJ 262 NI	11,0
11065-BN701	/	GX82	11,0
11065-C0300	/	GJ 80 NI	19,0
11065-C8600	/	GJ 85 NI	24,0
11065-D9701	JA 59 NI	GJ 59 NI	11,0
11065-D9702	JA 59 NI	GJ 59 NI	11,0
11065-G2400	JA 260 NI	GJ 260 NI	11,0
11065-G2460	JA 260 NI	GJ 260 NI	11,0
11065-G5501	JA 59 NI	GJ 59 NI	11,0
11065-HA300	/	GJ 1300 MA	11,0
11065-J2000	JA 68 NI	GJ 68 NI	10,0
11065-J5501	JA 61 NI	GJ 68 NI	9,5
11065-J5502	JA 61 NI	GJ 68 NI	9,5
11065-J6500	/	GJ 67 NI	23,0
11065-0W801	/	GJ 263 NI	11,0
11065-Q4000	JA 72 NI	GJ 84 NI	9,5
11065-Q4001	JA 74 NI	GJ 84 NI	11,0
11065-T3400	/	GJ 80 NI	19,0
11065-T3401	/	GJ 80 NI	19,0
11065-T3470	/	GJ 80 NI	23,0
11065-T8200	JA 73 NI	GJ 84 NI	10,5
11065-T8201	JA 65 NI	/	23,0
11065-T8202	JA 73 NI	GJ 84 NI	10,5

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
NISSAN			
11065-T8203	JA 65 NI	/	23,0
11065-T9000	/	GJ 67 NI	24,0
11065-T9001	/	GJ 67 NI	23,0
11065-V0700	JA 78 NI	GJ 75 NI	11,0
11065-V0710	JA 78 NI	GJ 75 NI	11,0
11065-V7202	JA 89 NI	/	6,5
11065-V7203	JA 87 NI	/	6,5
11065-W2500	JA 82 NI	GJ 75 NI	6,5
11065-W2510	JA 82 NI	GJ 75 NI	6,5
11065-W3400	JA 75 NI	GJ 75 NI	8,5
11065-W3410	JA 75 NI	GJ 75 NI	8,5
11065-Y1400	JA 70 NI	GJ 84 NI	9,5
11065-Y1401	JA 70 NI	GJ 84 NI	9,5
11065-Y1402	JA 72 NI	GJ 84 NI	9,5
11065-Y1403	JA 72 NI	GJ 84 NI	9,5
11065-Y1404	JA 72 NI	GJ 84 NI	9,5
11065-Z5000	/	GJ 67 NI	24,0
11065-Z5500	/	GJ 67 NI	19,0
758 000 06-0	SX 74	GX 74	11,0
039 034 17-0	SX 59	GX 59	11,0
997261	N 78	GX 78	11,0
NISSAN Motoriberica			
11065-D9701	JA 59 NI	GJ 59 NI	11,0
11065-D9702	JA 59 NI	GJ 59 NI	11,0
11065-G2400	JA 260 NI	GJ 260 NI	11,0
11065-Y9703	SX 59	GX 59	11,0
758 000 06-0	SR 74	GX 74	11,0
OPEL - GM			
5954839	/	GJ 1136 IS	11,0
03 443 087	AN 820 KH	/	11,0
03 443 087	AN 840 KH	/	11,0
03 443 450	AN 840 KH	/	11,0
09 110 945	SX 94	GX 94	11,0
09 111 145	SX 66	GX 66	11,0
09 118 201	SX 120	GX 120	11,0
12 14 018	/	GX 106	11,0
12 14 032	/	GX 4119	11,0
12 14 033	/	GX 135	11,0
12 14 034	/	GX 4151	11,0
12 14 035	/	GX 145	11,0
12 14 040	/	GX 103	11,0

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
OPEL - GM			
12 14 042	JA 26 IS	GJ 26 IS	11,0
12 14 043	JA 29 IS	GJ 29 IS	11,0
12 14 062	/	GX 145	11,0
12 14 065	/	GX 145	11,0
12 14 018	/	GX 106	11,0
12 14 300	AN 400 PG	/	9,5
12 14 301	/	GX 145	11,0
12 14 302	AN 650 OP	/	8,0
12 14 303	AN 600 OP	/	11,0
12 14 304	SX 74	GX 74	11,0
12 14 305	/	GX 135	11,0
12 14 306	SX 74	GX 74	11,0
12 14 307	SX 74	GX 74	11,0
12 14 308	JA 16 IS	GJ 28 IS	5,0
12 14 309	JA 22 IS	GJ 26 IS	5,0
12 14 310	JA 26 IS	GJ 26 IS	11,0
12 14 311	JA 28 IS	GJ 28 IS	11,0
12 14 312	JA 28 IS	GJ 28 IS	11,0
12 14 315	JA 26 IS	GJ 26 IS	11,0
12 14 316	JA 29 IS	GJ 29 IS	11,0
12 14 317	SX 74	GX 74	11,0
12 14 319	SX 74	GX 74	11,0
12 14 321	JA 24 IS	GJ 24 IS	11,0
12 14 322	SX 126	GX 126	11,0
12 14 323	JA 24 IS	GJ 24 IS	11,0
12 14 324	SX 77	GX 74	11,0
12 14 427	SX 97	GX 97	11,0
12 14 456	/	GX 132	11,0
12 14 457	/	GX 132	11,0
12 14 459	/	GJ 1143 IS	11,0
2666 A 003	SX 78	GX 78	11,0
34 48 796	AN 650 OP	/	8,0
43 00 425	JA 24 IS	GJ 24 IS	11,0
43 00 615	JA 24 IS	GJ 24 IS	11,0
44 02 945	SX 94	GX 94	11,0
44 03 145	SX 66	GX 66	11,0
56 14 216	SX 59	GX 59	11,0
56 14 217	AN 1000 ME	/	0,9
56 14 218	SR 73	GX 74	11,5
56 14 219	SX 59	GX 59	11,0
56 14 220	US 575 CH	GUS 575 CH	5,0
56 14 221	JA 16 IS	GJ 28 IS	5,0
5614215	AN 750 IH	/	11,0
88 900 715	/	GX 129	11,5
88 900 716	SX 97	GX 97	11,0

CONVERSION LIST

CAR MAKERS

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CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
OPEL - GM			
88 900 717	/	GX 124	12,0
88 900 718	/	GX 128	11,5
88 900 719	/	GX 122	11,5
88 900 720	SX 61	GX 61	10,0
88 900 721	/	GX 106	11,0
88 900 722	SX 93	GX 93	11,0
88 900 723	SX 59	GX 59	11,0
88 900 724	SX 119	GX 119	11,5
88 900 725	SX 74	GX 74	11,0
88 900 726	SX 89	GX 89	11,0
88 900 727	SX 116	GX 116	11,5
88 900 728	SX 74	GX 74	11,0
88 900 729	SX 67	GX 67	11,0
88 900 730	N 76	GX 74	11,0
88 900 731	SR 73	GX 74	11,5
88 900 732	SR 68	GX 68	11,0
88 900 733	SR 74	GX 74	11,0
88 900 734	R 74	GX 74	11,0
88 900 735	SX 66	GX 66	11,0
88 900 736	SR 74	GX 74	11,0
88 900 737	SR 67	GX 66	11,5
88 900 738	SX 77	GX 74	11,0
88 900 739	JA 16 IS	GJ 28 IS	5,0
88 900 740	R 69	GX 74	11,0
88 900 740	SX 64	GX 64	11,0
88 900 741	SX 70	GX 70	11,5
88 900 742	SX 75	GX 74	11,0
88 900 743	JA 28 IS	GJ 28 IS	11,0
90 003 450	AN 650 OP	/	8,0
90 019 495	AN 600 OP	/	11,0
90 033 357	AN 600 OP	/	11,0
90 040 991	SX 68	GX 68	11,0
90 051 950	SX 74	GX 74	11,0
90 093 867	SX 74	GX 74	11,0
90 093 897	SX 74	GX 74	11,0
90 166 155	SX 74	GX 74	11,0
90 210 824	SX 74	GX 74	11,0
90 464 737	SX 126	GX 126	11,0
90 487 858	SX 74	GX 74	11,0
90 510 924	SX 74	GX 74	11,0
90 540 864	SX 77	GX 74	11,0
90 569 338	/	GX 132	11,0
91 10 945	SX 94	GX 94	11,0
91 11 145	SX 71	GX 68	11,0
91 153 919	SX 97	GX 97	11,0

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
OPEL - GM			
91 182 01	/	GX 132	11,0
91 966 69	/	GX 135	11,0
93 171 875	/	GX 106	11,0
93 178 047	/	GX 4119	11,0
93 178 225	/	GX 135	11,0
93 178 411	/	GX 4151	11,0
93 183 738	JA 26 IS	GJ 26 IS	11,0
93 183 739	JA 29 IS	GJ 29 IS	11,0
93 183 740	SX 74	GX 74	11,0
93 186 025	/	GJ 1143 IS	11,0
93 186 027	SX 97	GX 97	11,0
94 133 759	JA 24 IS	GJ 24 IS	11,0
94 140 115	JA 24 IS	GJ 24 IS	11,0
94 175 158	JA 24 IS	GJ 24 IS	11,0
94 319 700	JA 28 IS	GJ 28 IS	11,0
94 402 303	JA 22 IS	GJ 26 IS	5,0
94 422 171	JA 16 IS	GJ 28 IS	5,0
94 422 1719	JA 16 IS	GJ 28 IS	5,0
94 439 218	JA 16 IS	GJ 28 IS	5,0
94 481 972	JA 26 IS	GJ 26 IS	11,0
97 044 037	JA 26 IS	GJ 26 IS	11,0
97 080 554	JA 29 IS	GJ 29 IS	11,0
97 143 674	/	GJ 1143 IS	11,0
97 210 818	/	GX 145	11,0
97 226 202	/	GX 137	11,0
97 464 737	/	GX 135	11,0
PERKINS			
185 366 190	JA 130 MA	GJ 130 MA	10,5
2666103	TA 50 E	/	12,0
2666104	TA 110 E	/	24,0
2666108	TA 50 E	/	12,0
2666408	W 300	/	11,0
CD10199	TA 110 E	/	24,0
K 166 AF 01	SR 74	GX 74	11,0
OE42898	TA 30 B	/	24,0
2666 A 002	N 78	GX 78	11,0
2666 A 003	SX 78	GX 78	11,0
PEUGEOT			
5 414 326	AN 500 CI	/	9,5
5 415 813	AN 840 KH	/	11,0
5 415 813	AN 400 PG	/	10,5

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
PEUGEOT			
5 460 556	AN 500 CI	/	9,5
5 460 556	AN 500 CI	/	9,5
5 477 234	AN 500 CI	/	9,5
5 491 387	AN 500 CI	/	9,5
5 500 842	AN 500 CI	/	9,5
5932 2Y	SX 89	GX 89	11,0
5932 565 882	AN 400 PG	/	9,5
5960 12	/	GX 4118	11,0
5960 32	SX 77	GX 74	11,0
5960 33	SX 67	GX 67	11,0
5960 34	SX 70	GX 70	11,5
5960 35	SX 116	GX 116	11,5
5960 36	JA 26 IS	GJ 26 IS	11,0
5960 38	/	GX 106	11,0
5960 39	SR 83	GX 83	11,0
5960 40	JA 121 TO	GJ 121 TO	10,5
5960 41	SX 95	GX 95	11,0
5960.64	/	GX 117	11,0
5960.65	/	GX 117	11,0
5960.66	SX 107	GX 107	11,0
5960.67	SX 107	GX 107	11,0
5960.76	/	GX 4126	11,0
5960 88	/	GX 148	11,5
5960 89	/	GX 148	11,5
5961 05	AN 400 PG	/	9,5
5961 18	AN 450 PG	/	9,5
5961 22	AN 400 PG	/	9,5
5961 35	AN 400 PG	/	9,5
5961 39	SR 74	GX 74	11,0
5961 40	N 76	GX 74	11,0
5961 53	SR 74	GX 74	11,0
5961 54	N 76	GX 74	11,0
5961 57	SR 74	GX 74	11,0
5961 58	N 76	GX 74	11,0
5961 95	N 75	/	18,0
5962 03	SX 74	GX 74	11,0
5962 1P	SX 120	GX 120	11,0
5962 1Q	SX 120	GX 120	11,0
5962 2Y	SX 89	GX 89	11,0
5962 2Z	SX 89	GX 89	11,0
5962 35	SR 73	GX 74	11,5
5962 3C	SX 107	GX 107	11,0
5962 3E	SX 107	GX 107	11,0
5962 3H	SX 74	GX 74	11,0
5962 3J	SX 74	GX 74	11,0

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
PEUGEOT			
5962 4J	SX 93	GX 93	11,0
5962 4K	SX 63	GX 63	11,0
5962 4L	SX 84	GX 84	11,0
5962 4Z	SX 79	GX 79	11,0
5962 74	SR 74	GX 74	11,0
5962 7F	SX 107	GX 107	11,0
5962 7G	SX 107	GX 107	11,0
5962 7Z	SX 60	GX 60	11,0
5962 C7	AN 400 PG	/	9,5
5962 J2	SX 74	GX 74	11,0
5962 J3	SR 66	GX 66	11,0
5962 J4	R 74	GX 74	11,0
5962 J5	SR 73	GX 74	11,5
5962 J6	SR 74	GX 74	11,0
5962 J7	SR 58	GX 59	11,0
5962 K5	SR 74	GX 74	11,0
5962 R8	SX 74	GX 74	11,0
5962 S8	SX 74	GX 74	11,0
5962 T1	SX 64	GX 64	11,0
5962 T2	SX 60	GX 60	11,0
5962 T3	SX 74	GX 74	11,0
5962 T7	SR 67	GX 66	11,5
5962 W2	SX 89	GX 89	11,0
5962 W3	SX 89	GX 89	11,0
5962 W8	SX 74	GX 74	11,0
59623E	SX 107	GX 107	11,0
5962X1	SX 74	GX 74	11,0
5981 10	SX 74	GX 74	11,0
5981 11	SX 74	GX 74	11,0
5981 13	SX 74	GX 74	11,0
5981 15	SX 74	GX 74	11,0
7549 2365	AN 500 CI	/	9,5
7563 225 100	AN 450 PG	/	9,5
79 32 567 717	SX 74	GX 74	11,0
7932 565 492	AN 450 PG	/	9,5
7932 564 528	SX 74	GX 74	11,0
7932 565 563	AN 450 PG	/	9,5
7932 565 882	AN 400 PG	/	9,5
7932 567 619	AN 400 PG	/	9,5
7932 567 717	SX 74	GX 74	11,0
7932 567 718	N 76	GX 74	11,0
7950 076 593	SX 74	GX 74	11,0
91 507 718	SX 74	GX 74	11,0
91 508 610	SX 74	GX 74	11,0
91 521 849	SX 74	GX 74	11,0

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CAR MAKERS

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CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
PEUGEOT			
91 536 646	SX 74	GX 74	11,0
9150 771 880	SX 74	GX 74	11,0
9150 860 280	SR 74	GX 74	11,0
9150 861 080	SR 74	GX 74	11,0
9151 586 780	SX 74	GX 74	11,0
9151 586 980	SR 74	GX 74	11,0
9152 184 980	SR 74	GX 74	11,0
9153 664 680	SR 74	GX 74	11,0
9190 861 080	SX 74	GX 74	11,0
92 515 867	SX 74	GX 74	11,0
92 515 869	SX 74	GX 74	11,0
9250 888 280	SX 74	GX 74	11,0
93 010 500	N 75	/	18
95 493 206	SX 74	GX 74	11,0
95 534 787	SX 74	GX 74	11,0
95 534 788	N 76	GX 74	11,0
96 009 783	SR 66	GX 66	11,0
96 009 783	SX 74	GX 74	11,0
96 076 258	SR 66	GX 66	11,0
96 076 258	SX 74	GX 74	11,0
96 104 689	SX 74	GX 74	11,0
96 141 678	SX 74	GX 74	11,0
96 165 724	SX 74	GX 74	11,0
96 165 734	SX 89	GX 89	11,0
96 236 383	SX 107	GX 107	11,0
96 316 589 80	SX 89	GX 89	11,0
96 374 699 80	/	GX 4118	11,0
96 389 858	SX 107	GX 107	11,0
9616 572 480	SX 74	GX 74	11,0
9631 658 980	SX 89	GX 89	11,0
9633 214 380	SX 74	GX 74	11,0
HG 262 1	AN 820 KH	/	11,0
HG 262 1	AN 840 KH	/	11,0
MK P00 068	SX 66	GX 66	11,0
MKD 000 66	SX 74	GX 74	11,0
MKD 000 68	SX 66	GX 66	11,0
MKP 000 64	SX 74	GX 74	11,0
MKP 000 65	SX 74	GX 74	11,0
MKP 000 67	SX 74	GX 74	11,0
MKP 000 69	SX 74	GX 74	11,0
MKP 000 70	AN 1000 ME	/	0,9
MKP 000 71	SX 59	GX 59	11,0
96 38 985 980	SX 107	GX 107	11,0

	OUR REFERENCE		
CAR MAKER	SINGLE Coil	TWIN Coil	V
POCLAIN			
D 0041518	TF 150	/	19,0
Q 0041506	TF 160	/	19,0
W 0041512	AN 800 KH	/	9,5
PUCH			
159 6101	AN 1000 ME	/	0,9
000 1 59 610 1	AN 1000 ME	/	0,9
716+ 1 09 033 0	SR 58	GX 59	11,0
RENAULT			
0025 871 045	AN 850 KH	/	/
0026 325 033	AN 1184 PK	/	12,0
0122 999 900	AN 600 OP	/	11,0
08 54 647 500	AN 840 KH	/	11,0
08 54 997 100	AN 400 PG	/	9,5
50 00 270 881	TF 160	/	19,0
50 00 590 058	TF 160	/	19,0
50 01 001 587	N 76	GX 74	11,0
50 01 829 283	AN 400 PG	/	9,5
77 00 100 558	SX 94	GX 94	11,0
77 00 100 586	SX 84	GX 84	11,0
77 00 100 635	/	GX 99	11,0
77 00 103 674	/	GX 150	11,0
77 00 105 290	SX 63	GX 63	11,0
77 00 111 323	/	GX 82	11,0
77 00 111 940	/	GX 99	11,0
77 00 662 199	N 76	GX 74	11,0
77 00 673 874	R 74	GX 74	11,0
77 00 701 130	R 74	GX 74	11,0
77 00 704 185	SR 64	GX 64	11,0
77 00 715 768	R 74	GX 74	11,0
77 00 733 076	R 74	GX 74	11,0
77 00 734 956	SR 64	GX 64	11,0
77 00 741 144	R 74	GX 74	11,0
77 00 854 538	SX 60	GX 60	11,0
77 00 855 865	SX 64	GX 64	11,0
77 00 856 238	SX 64	GX 64	11,0
77 00 856 292	SX 60	GX 60	11,0
77 00 858 208	SX 84	GX 84	11,0
77 00 860 796	SX 84	GX 84	11,0
77 00 861 906	SX 84	GX 84	11,0
77 00 867 002	SX 63	GX 63	11,0
77 00 867 617	SX 60	GX 60	11,0

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
RENAULT			
77 00 874 336	SX 63	GX 63	11,0
77 01 029 762	R 74	GX 74	11,0
77 01 033 403	SX 74	GX 74	11,0
77 01 035 956	SR 72	GX 74	11,0
77 01 039 387	SX 74	GX 74	11,0
77 01 040 208	SX 71	GX 68	11,0
77 01 052 949	/	GJ 1136 IS	11,0
77 01 349 475	R 74	GX 74	11,0
77 01 349 943	SX 64	GX 64	11,0
77 01 349 949	SX 60	GX 60	11,0
77 01 414 072	SR 74	GX 74	11,0
77 01 414 076	N 76	GX 74	11,0
77 01 414 077	SX 59	GX 59	11,0
77 01 414 078	SR 68	GX 68	11,0
77 01 414 079	SR 73	GX 74	11,5
77 01 414 080	SR 74	GX 74	11,0
77 01 414 081	SR 67	GX 66	11,5
77 01 414 081	SX 66	GX 66	11,0
77 01 414 083	SR 66	GX 66	11,0
77 01 414 084	N 78	GX 78	11,0
77 01 414 086	SR 74	GX 74	11,0
77 01 414 088	SX 59	GX 59	11,0
77 01 414 089	SX 74	GX 74	11,0
77 01 414 107	SX 70	GX 70	11,5
77 01 414 108	SX 77	GX 74	11,0
77 01 414 123	SX 74	GX 74	11,0
77 01 414 157	SX 70	GX 70	11,5
77 01 414 162	SX 74	GX 74	11,0
79 32 563 970	AN 400 PG	/	9,5
79 32 567 717	SX 74	GX 74	11,0
82 00 012 099	/	GX 150	11,0
82 00 421 091	/	GX 82	11,0
82 00 434 855	/	GX 82	11,0
82 00 490 950	/	GX 82	11,0
82 00 517 313	/	GX 150	11,0
86 71 004 016	SX 59	GX 59	11,0
86 71 004 017	SX 66	GX 66	11,0
86 71 004 018	SX 74	GX 74	11,0
ROVER			
247 712 F1	AN 1050 RO	/	1,7
510 078	AN 1050 RO	/	1,7
568 335	AN 1050 RO	/	1,7
ADU 9830	SX 74	GX 74	11,0

	OUR REFERENCE		
CAR MAKER	SINGLE Coil	TWIN Coil	V
ROVER			
ERC 8450	N 76	GX 74	11,0
ERC 8648	SX 74	GX 74	11,0
ERR 4084	/	GX 127	23,0
ERR 6066	/	GX 108	11,0
ETC 8847	SR 125	GX 125	11,5
NCC 100080	SX 97	GX 97	11,0
NCC 100080L	SX 97	GX 97	11,0
NCC 100100	SX 89	GX 89	11,0
NCC100050	SX 84	GX 84	11,0
NCC100050L	SX 84	GX 84	11,0
NCC100120	/	GX 106	11,0
NCC100120L	/	GX 106	11,0
SAAB			
5954839	/	GJ 1136 IS	11,0
SEAT			
000 394 0685	N 76	GX 74	11,0
SE 138919 000 A	N 76	GX 74	11,0
X 0396 550 20	SR 74	GX 74	11,0
0581CR1	SR 74	GX 74	11,0
SMART			
0004562V003000000	/	GX 122	11,5
A 001 159 46 01	/	GX 4149	11,5
SSANGYONG			
00115-90001	SX 70	GX 70	11,5
3001-661-159	JA 28 IS	GJ 28 IS	11,0
66115-93001	SX 70	GX 70	11,5
66115-93101	SX 70	GX 70	11,5
66415-90001	/	GX 4152	11,0
66415-90101	/	GX 4152	11,0
665 159 00 01	/	GX 150	11,0
A 66415-90001	/	GX 4152	11,0
A 66415-90101	/	GX 4152	11,0
STEYR MOTORS			
2177492/6	/	GX 93 / 24	24,0

CONVERSION LIST

CAR MAKERS

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	OUR REFERENCE		
CAR MAKER	SINGLE Coil	TWIN Coil	V
SUZUKI			
00000-A01289	SX 74	GX 74	11,0
00000-A01354-000	SX 74	GX 74	11,0
09900-F8Q01	/	GX 99	11,0
09900-HDI01-000	SX 107	GX 107	11,0
09900-TD001-000	SX 74	GX 74	11,0
15320-86CB0	SX 74	GX 74	11,0
18550-84E50	/	GX 4119	11,0
18550-66G00	SX 74	GX 74	11,0
18550-67G00	SX 107	GX 107	11,0
18550-78E00		GJ 1302 MA	11,0
18550-78E10	/	GJ 1302 MA	11,0
18550-78E11	/	GJ 1302 MA	11,0
TALBOT			
91 507 715 80	SR 74	GX 74	11,0
91 507 715 80	SX 74	GX 74	11,0
91 507 719 80	SR 74	GX 74	11,0
91 521 918 80	SX 74	GX 74	11,0
93 010 500 80	N 76	GX 74	11,0
95 534 788 80	SX 74	GX 74	11,0
TOYOTA			
19850-0W010	/	GJ 94 TO	11,0
19850-27010	/	GJ 93 TO	11,0
19850-45030	JA 108 TO	GJ 114 TO	11,0
19850-45030	JA 128T O	GJ 114 TO	11,0
19850-45031	JA 108 TO	GJ 114 TO	11,0
19850-45031	JA 128T O	GJ 114 TO	11,0
19850-46020	JA 92 TO	/	8,0
19850-46021	JA 92 TO	/	8,0
19850-54010	JA 114 TO	GJ 114 TO	11,0
19850-54020	/	GJ 118 TO	23,0
19850-54030	JA 108 TO	GJ 114 TO	11,0
19850-54031	JA 128T O	GJ 114 TO	11,0
19850-54040	/	GJ 125 TO	23,0
19850-54050	JA 122 TO	GJ 114 TO	7,0
19850-54060	/	GJ 125 TO	16,0
19850-54070	JA 129 TO	GJ 114 TO	6,0
19850-54071	JA 129 TO	GJ 114 TO	6,0
19850-54090	JA 127 TO	GJ 114 TO	11,0
19850-54110	JA 109 TO	GJ 121 TO	11,0
19850-54120	JA 128 TO	GJ 114 TO	11,0
19850-54130	JA 109 TO	GJ 121 TO	11,0

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
TOYOTA			
19850-54150	JA 114 TO	GJ 114 TO	11,0
19850-56010	/	GJ 118 TO	19,0
19850-56012	/	GJ 118 TO	20,5
19850-56020	JA 98 TO	GJ 121 TO	8,0
19850-56021	JA 102 TO	GJ 121 TO	8,5
19850-56022	JA 102 TO	GJ 121 TO	8,5
19850-58010	/	GJ 118 TO	23,0
19850-64010	JA 116 TO	GJ 121 TO	7,0
19850-64020	JA 146 DA	GJ 121 TO	11,0
19850-64030	JA 121 TO	GJ 121 TO	11,0
19850-64031	JA 111 TO	GJ 121 TO	11,0
19850-64031B	JA 121 TO	GJ 121 TO	11,0
19850-64050	JA 121 TO	GJ 121 TO	11,0
19850-67020	JA 117 TO	GJ 117 TO	11,0
19850-67030	JA 117 TO	GJ 117 TO	11,0
19850-68010	JA 121 TO	GJ 121 TO	10,5
19850-68020	/	GJ 118 TO	23,0
19850-68030	JA 110 TO	GJ 121 TO	8,5
19850-68040	/	GJ 118 TO	20,5
19850-68050	JA 123 TO	GJ 121 TO	6,0
19850-68060	/	GJ 118 TO	14,0
19850-77010	/	GJ 106 TO	21,0
19850-77011	/	GJ 106 TO	21,0
19850-78010	JA 119 TO	/	14,0
19850-87309	JA 110 TO	GJ 121 TO	8,5
VAUXHALL			
12 14 316	JA 29 IS	GJ 29 IS	11,0
900 33357	N 76	GX 74	11,0
900 93897	N 76	GX 74	11,0
902 10824	SR 74	GX 74	11,0
911 53919	SX 97	GX 97	11,0
9196669	/	GX 135	11,0
970 80554	JA 29 IS	GJ 29 IS	11,0
VM			
46 07 2007F	/	GX 123	11,0
VOLKSWAGEN			
000 395 4619	SR 74	GX 74	11,0
059 963 319	/	GX 124	12,0
059 963 319 A	/	GX 124	12,0

CAR MAKER	OUR REFERENCE		V
	SINGLE Coil	TWIN Coil	
VOLKSWAGEN			
059 963 319 E	/	GX 2127	4,4
061 905 061	SX 59	GX 59	11,0
062 905 061	/	GX 149	11,5
062 905 061 A	/	GX 131	11,5
068 905 061	SX 59	GX 59	11,0
171 911 261 A	/	K 10	11,0
171 911 261 B	/	K 10	11,0
171 911 261 C	/	K 10	11,0
171 911 261 D	/	K 10	11,0
171 911 261 E	/	K 10	11,0
637 0601	AN 1020 ME	/	0,9
N 019 081 01	SX 59	GX 59	11,0
N 019 081 02	SX 59	GX 59	11,0
N 019 081 1	SX 59	GX 59	11,0
N 019 081 2	SX 59	GX 59	11,0
N 019 081 4	SX 59	GX 59	11,0
N 019 097 01	SX 59	GX 59	11,0
N 019 097 1	SX 59	GX 59	11,0
N 019 100 01	SX 59	GX 59	11,0
N 019 100 02	SX 59	GX 59	11,0
N 019 100 05	SX 59	GX 59	11,0
N 019 100 06	SX 59	GX 59	11,0
N 019 100 1	SX 59	GX 59	11,0
N 019 100 2	SX 59	GX 59	11,0
N 019 100 5	SX 59	GX 59	11,0
N 019 100 6	SX 59	GX 59	11,0
N 101 401 01	SX 93	GX 93	11,0
N 101 401 02	SX 93	GX 93	11,0
N 101 401 03	SX 93	GX 93	11,0
N 101 401 04	SX 93	GX 93	11,0
N 101 401 05	SX 93	GX 93	11,0
N 102 130 01	SX 59	GX 59	11,0
N 102 130 02	SX 59	GX 59	11,0
N 103 021.01	SX 76	GX 76	11,0
N 103 021.02	SX 76	GX 76	11,0
N 105 792 01	/	GX 98	11,0
N 105 792 02	/	GX 98	11,0
N 105 798 02	/	GX 2117	4,4
N 105 916 02	/	GX 2097	5,0
N 105 916 03	/	GX 2097	5,0
251 963 319 D	AN 1182 EB	/	12,0
251 963 319 E	AN 1181 WE	/	12,0
VOLVO			
829857	SR 74	GX 74	11,0
829859	N 75	/	18,0

	OUR REFERENCE		
CAR MAKER	SINGLE Coil	TWIN Coil	V
VOLVO			
837329	TF 150	/	19,0
840643	SR 74	GX 74	11,0
870325	AN 1000 ME	/	0,9
870680	AN 800 KH	/	9,5
870681	AN 930 VO	/	23
870846	AN 800 KH	/	9,5
1257141	SX 59	GX 59	11,0
1257889	SX 59	GX 59	11,0
1542319	SX 78	GX 78	11,0
1542411	SX 78	GX 78	11,0
30862690	SX84	GX84	11,0
3092109	SX 78	GX 78	11,0
3094343	SX 78	GX 78	11,0
3287815	SX 74	GX 74	11,0
8631607	/	GX 4126	11,0
8653698	/	GX 117	11,0
YANMAR			
129155-77800	JA 84 NI	GJ 84 NI	12,0
129155-77801	JA 300 YA	GJ 84 NI	10,0
129795-77800	JA 84 NI	GJ 84 NI	12,0
WEBASTO			
122 793	AN 1183 WE	/	24,0
157 915	AN 1183 WE	/	24,0
462 799	AN 1181 WE	/	12,0
479 594	AN 1181 WE	/	12,0

GLOW PLUGS FOR INTERIOR HEATING

APPLICATION LIST

MODEL	NR° MODEL	Volts	Single Coil	Twin Coil
EBERSPACHER				
B5W	20 1645 05 00 00	12	AN1182EB	/
B5W	20 1677 05 00 00	12	AN1182EB	/
B5W	20 1690 05 00 00	12	AN1182EB	/
D1L	25 1384 05 00 00	12	AN1182EB	/
D1L	25 1385 05 00 00	12	AN1182EB	/
D1L	25 1531 05 00 00	12	AN1182EB	/
D1L	25 1532 05 00 00	12	AN1182EB	/
D1L	25 1612 05 00 00	12	AN1182EB	/
D1L	25 1637 05 00 00	12	AN1182EB	/
D1L	25 1638 05 00 00	12	AN1182EB	/
D1L	25 1639 05 00 00	12	AN1182EB	/
D2L	25 1507 05 00 00	12	AN1182EB	/
D2L	25 1534 05 00 00	12	AN1182EB	/
D2L	25 1597 05 00 00	12	AN1182EB	/
D2L	25 1625 05 00 00	12	AN1182EB	/
D2L	25 1632 05 00 00	12	AN1182EB	/
D2L	25 1684 05 00 00	12	AN1182EB	/
D2L	25 1690 05 00 00	12	AN1182EB	/
D2L	25 1725 05 00 00	12	AN1182EB	/
D2LS	25 1529 05 00 00	12	AN1182EB	/
D2LS	25 1541 05 00 00	12	AN1182EB	/
D3L	25 1482 05 00 00	12	AN1182EB	/
D3L	25 1483 05 00 00	12	AN1182EB	/
D3L	25 1573 05 00 00	12	AN1182EB	/
D3L	25 1640 05 00 00	12	AN1182EB	/
D3L	25 1641 05 00 00	12	AN1182EB	/
D3L	25 1642 05 00 00	12	AN1182EB	/
D3L	25 1738 05 00 00	12	AN1182EB	/
D3L	25 1739 05 00 00	12	AN1182EB	/
D5W	25 1599 05 00 00	12	AN1182EB	/
D5W	25 1600 05 00 00	12	AN1182EB	/
D5W	25 1670 05 00 00	12	AN1182EB	/
D5W	25 1671 05 00 00	12	AN1182EB	/
D5W	25 1732 05 00 00	12	AN1182EB	/
D5W	25 1733 05 00 00	12	AN1182EB	/

MODEL	NR° MODEL	Volts	Single Coil	Twin Coil
WEBASTO				
BBW 46 (12V)		12	AN1181WE	/
DBW 46 (12V)		12	AN1181WE	/
DBW 46.11 (24V)		24	AN1183WE	/
DBW 46.22 (24V)		24	AN1183WE	/
DBW 46.33 (24V)		24	AN1183WE	/
DBW 46.36 (24V)		24	AN1183WE	/
DBW 46.56 (24V)		24	AN1183WE	/
HL 18 B (12V)		12	AN1181WE	/
HL 18 D (12V)		12	AN1181WE	/
HL 18 B 03 (24V)		24	AN1183WE	/
HL 20 (24V)		24	AN1183WE	/
HL 24 B 62 (24V)		24	AN1183WE	/
HL 24 D 02 (24V)		12	AN1181WE	/
HL 32 B (12V)		24	AN1183WE	/
HL 32 B (24V)		24	AN1183WE	/
HL 32 D 04 (24V)		24	AN1183WE	/
HL 32 D 06 (24V)		24	AN1183WE	/
HL 32 B 64 (24V)		24	AN1183WE	/
HL 65, 95 (12/24V)		4	AN1180WE	/
HL 3003		4	AN1180WE	/
HL 3030		4	AN1180WE	/
HL 5001, 6502		4	AN1180WE	/
HL 6504		4	AN1180WE	/
HL 6511, 6512 (12V/24V)		4	AN1180WE	/
HL 9503		4	AN1180WE	/
HL 9511, 9512 (12/24V)		4	AN1180WE	/
HL 10011, 12503 (12V)		4	AN1180WE	/
WB 14003		4	AN1180WE	/
30 HL 1 A M 1		4	AN1180WE	/
65 A		4	AN1180WE	/
80 W, 120 W		4	AN1180WE	/
180 W, 180 WB		4	AN1180WE	/

POSSIBLE DEFECTS OF GLOW PLUGS



- **ANALYSIS** - examples of the major causes of glow plug defect
- **CONTROL** - check before fitting new glow plugs
- **CONCLUSION** - remarks on the subject

ANALYSIS:

Long-term tests and experienced Diesel engine experts have assisted us to ascertain that the majority of Glow Plugs defects is apparently due to external factors such as malfunction of components or other engine parts. Main causes of breakdown:

SERVICES SYSTEMS

DEVICE	DEFECT	RESULT
Starter Booster	Excessive Voltage to the battery	Glow Plugs are submitted to an excessive voltage causing the interruption of the filament

DEFECTS OF ELECTRIC PARTS

ELECTRIC PART	DEFECT	RESULT
Timer relais	Power supply is not interrupted	Glow Plugs are powered beyond the established times causing a severe reduction of their lifespan
Starter Switch	Power supply is not interrupted	Glow Plugs are powered beyond the established times causing a severe reduction of their lifespan
Alternator/Regulator	Excessive Voltage to the battery	Interruption or reduced lifespan

DEFECTS OF MECHANICAL PARTS

MECHANICAL PART	DEFECT	RESULT
Pressure membrane of power brake	Loss of oil	Intake of oil in to combustion chamber. - Grade of smoke - Scale deposit - Reduced lifespan of glow plug
Scraper ring segment	Loss of oil	Intake of oil in to combustion chamber. - Grade of smoke - Scale deposit - Reduced lifespan of glow plug
Valve guide	Loss of oil	Intake of oil in to combustion chamber. - Grade of smoke - Scale deposit - Reduced lifespan of glow plug

DEFECTS OF MECHANICAL PARTS

MECHANICAL PART	DEFECT	RESULT
'EGR' Valve	Excessive recovery of fumes and oil	Intake of oil in to combustion chamber. - Grade of smoke - Scale deposit - Reduced lifespan of glow plug
Excess of oil	Excessive oil fumes	Intake of oil in to combustion chamber. - Grade of smoke - Scale deposit - Reduced lifespan of glow plug

To check the presence of oil in the combustion chamber, control if there is a leak of lubricant of the induction manifold or the seat of the air filter. Check the oil level and test the cylinder compression.

DEFECTS OF DIESEL INJECTION PARTS

PART	DEFECT	RESULT
Injection Pump	Deteriorated fuel supply	Grade of smoke, too high temperature in the combustion chamber scale deposit on the resistance
Injector	Fuel not sprayed	Grade of smoke, scale deposit on the resistance

CONTROL:

- Remove, clean and check the injectors
- Fit the new Glow Plugs
- Power the Glow Plugs by turning the ignition key into position pre-heating
- Check the correct heating time of the Glow Plugs
- Reassemble the injectors
- Start the engine and control the pump stroke, adjust pump stroke if necessary
- Analyze the exhaust fumes with a proper control device (optical meter).

Values exceeding the pre-established parameters given by the car manufacturer, prove an excessive presence of oil in the combustion chamber.

In this case there will be a deposit of oil in the Glow Plugs, caused by the fuel turbulence also in the pre-chambers, where the glow plugs are located. As a consequence there will not be able to dissipate the heat of the filament during the pre-heating stages and as a result of repeated overheating inside, the performance will be gradually reduced until breakdown.

CONCLUSION:

Following the above mentioned considerations, we can make this statement:

- The technology, components and production controls allow us to grant a natural lifespan for our Glow Plugs of at least 40/50.000 Km
- This endurance is seriously jeopardized by malfunctions of external causes, especially when the engine wear influences the performance of certain parts.
- Following our advice concerning the control procedures when Glow Plugs are replaced, ideal working conditions will be created, granting an excellent endurance as well as the correct exhaust fume emissions.

DIFETTI RISCONTRATI NELLE CANDELETTE DI PRERISCALDAMENTO



- **ANALISI** - analisi delle principali cause di difettosità delle candele
- **CONTROLLO** - controlli da effettuare prima di montare le candele nuove
- **CONCLUSIONI** - osservazioni sull'argomento

ANALISI:

Prolungati controlli e competenza di esperti del settore Diesel ci hanno aiutato ad accertare che la più alta percentuale di difetti apparentemente imputabili alle candele di preriscaldamento, sono procurati da fattori esterni a dal malfunzionamento di alcuni componenti del motore. Elenchiamo quindi i più ricorrenti:

APPARECCHIATURE DI SERVIZIO

STRUMENTO	DIFETTO	CONSEGUENZE
Avviatore rapido	Eccessivo voltaggio alla batteria	Alle candele arriva un voltaggio eccessivo che procura l'interruzione del filamento

DIFETTI COMPONENTI ELETTRICI

COMPONENTE	DIFETTO	CONSEGUENZE
Relais temporizzatore	Mancato arresto della corrente	Le candele vengono alimentate anche oltre il previsto tempo di pre/post riscaldamento e la loro durata verrà oltremodo abbreviata
Commutatore d'accensione	Mancato arresto della corrente	Le candele vengono alimentate anche oltre il previsto tempo di pre/post riscaldamento e la loro durata verrà oltremodo abbreviata
Alternatore/Regolatore	Eccessivo voltaggio alla batteria	Interruzione o durata ridotta

DIFETTI PARTI MECCANICHE

COMPONENTE	DIFETTO	CONSEGUENZE
Membrana depressore servo freno	Perdita olio	Olio aspirato ed immesso nella camera di combustione: - Fumosità - Deposito scorie - Durata della vita ridotta
Segmenti raschiaolio	Perdita olio	Olio aspirato ed immesso nella camera di combustione: - Fumosità - Deposito scorie - Durata della vita ridotta
Valvole guida	Perdita olio	Olio aspirato ed immesso nella camera di combustione: - Fumosità - Deposito scorie - Durata della vita ridotta

DIFETTI PARTI MECCANICHE

COMPONENTE	DIFETTO	CONSEGUENZE
Valvole 'EGR'	Recupero eccessivo fumi e olio	Olio aspirato ed immesso nella camera di combustione: - Fumosità - Deposito scorie - Durata della vita ridotta
Rabbocco olio in esubero	Eccesso vapori di olio	Olio aspirato ed immesso nella camera di combustione: - Fumosità - Deposito scorie - Durata della vita ridotta

Una verifica di presenza di olio nella camera di combustione si effettua controllando se sussistono trafiletti di lubrificante nella guarnizione del collettore di aspirazione e nella sede del filtro aria. In questi casi è opportuno controllare il livello degli oli ed effettuare il test di prova compressione cilindri.

DIFETTI DI COMPONENTI DELL'INIEZIONE DIESEL

COMPONENTE	DIFETTO	CONSEGUENZE
Pompa iniezione	Alimentazione alterata	Fumosità, aumento anomalo della temperatura nella camera di combustione, deposito di scorie sulle resistenze
Iniettori	Gasolio non pulverizzato	Fumosità, deposito di scorie sulle resistenze

CONTROLLO:

- Smontare gli iniettori e procedere alla loro pulizia e controllo
 - Installare le candele nuove
 - Alimentare le candele girando la chiave nella posizione pre-accensione
 - Controllare sia attraverso la sede degli iniettori, sia manualmente per mezzo di un cronometro il corretto tempo di riscaldamento delle candele
 - Dopo aver accertato che le candele riscaldino nel tempo programmato, rimontare gli iniettori già controllati
 - Avviare il motore, controllare la fase della pompa iniezione ed effettuare la sua eventuale messa a punto
 - Analizzare i fumi di scarico mediante un prova fumi (opacimetro)
- Qualora le percentuali di emissioni superassero i valori massimi dichiarati dal costruttore, risulterebbe evidente la presenza di olio nella camera di combustione in misura eccessiva. Per effetto della turbolenza del carburante, che si verifica anche nelle precamere dove alloggiano le candele, l'olio si depositerà sulle resistenze e formerà uno strato isolante. Di conseguenza nelle successive fasi di preriscaldamento, il tubo non potrà dissipare all'esterno il calore emanato dal filamento e per effetto del surriscaldamento che si accumulerà all'interno, le sue prestazioni si ridurranno sino al punto di rottura.

CONCLUSIONE:

In seguito a quanto sopra esposto, possiamo dichiarare che:

- La tecnologia, la componentistica ed i collaudi che adottiamo nella produzione delle nostre candele, ci consentono di garantire la durata naturale per **almeno 40/50.000 Km**
- Tale durata viene compromessa seriamente dal cattivo funzionamento di fattori esterni e ciò si verifica soprattutto quando i motori iniziano a presentare l'usura di determinati componenti
- Seguendo i nostri consigli relativi ai processi di controllo da eseguirsi all'atto della sostituzione delle candele, vengono ripristinate le condizioni di lavoro ideali e la certezza sia di una loro buona durata oltre che una corretta emissione dei fumi di scarico

DEFAUTS OBSERVES DANS LES BOUGIES DE PRECHAUFFAGE



- **ANALYSE** - Analyse de principales causes de défectuosité dans les bougies de préchauffage
- **CONTROL** - Contrôles à effectuer avant de monter les nouvelles bougies de préchauffage
- **CONCLUSION** - Observations sur le sujet

ANALYSE:

Des contrôles approfondis et la compétence de spécialistes dans le domaine du Diesel, nous ont aidés à établir que le pourcentage le plus élevé des défauts apparemment imputables aux bougies est donné par des facteurs externes et par le fonctionnement défaillant de quelques composants du moteur. Les causes les plus évidentes sont:

ENVIRONNEMENT

EQUIPEMENT	DEFAUT	CONSEQUENCES
Chargeur de batterie rapide	Tension excessive à la batterie	Les bougies reçoivent un voltage excessif qui cause la coupure du filament

DEFAUTS DE COMPOSANTS ELECTRIQUES

COMPOSANT	DEFAUT	CONSEQUENCES
Relais temporisateur	L'alimentation en courant n'est pas interrompue	Les bougies continuent à être alimentées après le temps prévu de pré/post-chauffage et la vie en sera extrêmement réduite
Commutateur de démarrage	L'alimentation en courant n'est pas interrompue	Les bougies continuent à être alimentées après le temps prévu de pré/post-chauffage et la vie en sera extrêmement réduite
Alternateur/Régulateur	Tension excessive à la batterie	Coupure ou vie réduite

DEFAUTS DE PARTIES MECANIQUES

COMPOSANT	DEFAUT	CONSEQUENCES
Membrane du servofrein	Fuite d'huile	L'huile aspirée est introduite dans la chambre de combustion: - Fumée - Dépôt de déchets - Vie réduite de la bougie
Segments racleur d'huile	Remontée d'huile dans la chambre de combustion	L'huile aspirée est introduite dans la chambre de combustion: - Fumée - Dépôt de déchets - Vie réduite de la bougie
Guide de soupapes	Fuite d'huile	L'huile aspirée est introduite dans la chambre de combustion: - Fumée - Dépôt de déchets - Vie réduite de la bougie

DEFAUTS DE PARTIES MECANIQUES

COMPOSANT	DEFAUT	CONSEQUENCES
Valve 'EGR'	Récupération excessive de fumée et d'huile d'échappement	L'huile aspirée est introduite dans la chambre de combustion: - Fumée - Dépôt de déchets - Vie réduite de la bougie
Remplissage d'huile au-delà du niveau maxi	Excès de vapeurs d'huile	L'huile aspirée est introduite dans la chambre de combustion: - Fumée - Depot de dechets - Vie reduite de la bougie

Un contrôle de présence d'huile au joint du collecteur d'admission, ou dans le boîtier de filtre à air permet d'établir la présence d'huile dans la chambre de combustion. En ce cas il est important de contrôler le niveau d'huile et de contrôler la compression des cylindres

DEFAUTS DE COMPOSANTS DE L'INJECTION DIESEL

COMPOSANT	DEFAUT	CONSEQUENCES
Pompe à injection	Alimentation décalée	Fumée, hausse anrmale de la température dans la chambre de combustion, depot de dechets sur le fourreau
Injecteurs	Gasoil non pulvérisé	Fumée, dépôt de déchets sur le fourreau

CONTROLE:

- Démonter, nettoyer et contrôler les injecteurs
- Monter les nouvelles bougies de préchauffage
- Alimenter les bougies en tournant la clé sur la position de pré démarrage
- Contrôler à travers le siège des injecteurs à l'aide d'un chronomètre que le temps de préchauffage des bougies est correct
- Après avoir vérifié, ou fait le nécessaire afin que les bougies chauffent dans le temps programmé, remonter les injecteurs contrôlés
- Démarrer le moteur, contrôler la phase et régler la pompe à injection
- Analyser les fumées d'échappement avec un opacimètre

Au cas ou les pourcentages d'émissions dépassent les valeurs maximales préconisées par le constructeur du véhicule, il est évident qu'il y a présence excessive d'huile dans la chambre de combustion. A cause de la turbulence du carburant qui existe aussi dans les préchambres ou se trouvent les bougies, l'huile ira se déposer sur le fourreau et formera une couche imperméable. Par conséquent, dans les phases suivantes de préchauffage, la résistance ne pourra pas évacuer à l'extérieur la chaleur exhalée par le filament ce qui causera une surchauffe à l'intérieur. Les performances de la bougie diminueront graduellement jusqu'à sa coupure

CONCLUSION:

Suite à ce qui a été développe, nous pouvons déclarer que:

- La technologie, les composants et les essais que nous faisons pendant la production de nos bougies de préchauffage, nous permettent d'en garantir la durée naturelle **d'au moins 40/50.000 Kms**
- Cette durée est sérieusement compromise par le mauvais fonctionnement de facteurs extérieurs et ceci sur tout quand les moteurs commencent à présenter l'usure de certains composants
- En suivant nos conseils sur les procédés de contrôle à exécuter lors du remplacement des bougies, les conditions idéales de fonctionnement sont rétablies ainsi que la certitude d'une bonne durée de vie et d'une émission correcte des fumées d'échappement



- 🇬🇧 Oil on the Glow Plugs
- 🇮🇹 Presenza di olio nella candele
- 🇫🇷 Présence d'huile sur la Bougie



- 🇬🇧 Defect in the Fuel Injection System or presence of oil
- 🇮🇹 Difetto di iniezione o presenza d'olio
- 🇫🇷 Defaut d'injection ou présence d'huile



- 🇬🇧 Voltage overload
- 🇮🇹 Voltaggio eccessivo
- 🇫🇷 Surtension



- 🇬🇧 Use of an incorrect tool
- 🇮🇹 Utilizzo di una chiave inadatta
- 🇫🇷 Utilisation d'un outil inadapté



- 🇬🇧 Excessive torque
- 🇮🇹 Serraggio eccessivo
- 🇫🇷 Serrage excessif



- 🇬🇧 Oil on the Glow Plug and wrong screwing
- 🇮🇹 Presenza di olio sulla candele e avvitamento errato
- 🇫🇷 Présence d'huile sur la Bougie et mauvais vissage



- 🇬🇧 Defect in the Fuel Injection System
- 🇮🇹 Difetto d'iniezione
- 🇫🇷 Défaut d'injection