

L200
20MY



Hill Descent Control and
Off Road Mode Selector

With the new L200 20MY two new functions are introduced to support the driver when driving under severe Off Road conditions.

Hill Descent Control (HDC) prevents vehicle acceleration beyond a chosen speed when driving downhill. This allows the driver to focus on steering.



Off Road Modes

The driver can improve wheel traction by selection of the appropriate **Off-Road Mode** based on the actual road conditions.

Hill Descent Control (HDC)

To maintain a set vehicle speed between 2 and 20km/h when driving downhill.

Off Road Mode selector

To obtain a maximum off-road performance by selecting an appropriate mode according to the road

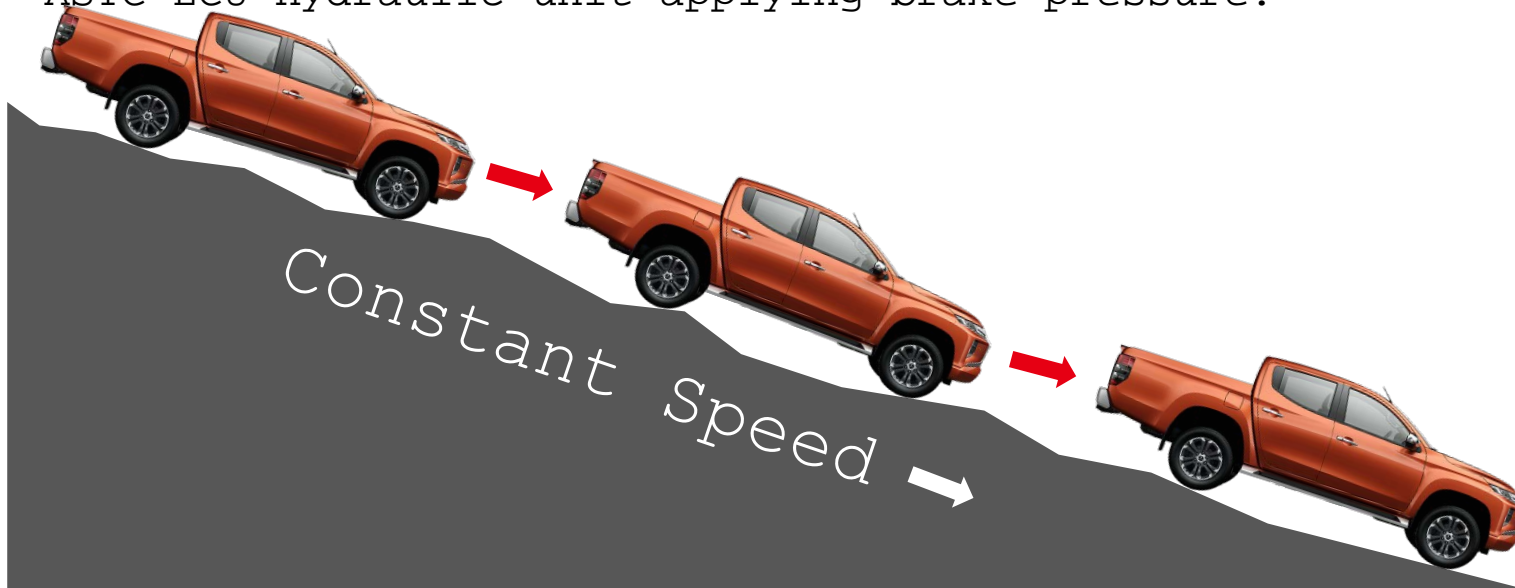


1. Drive mode selector
2. Hill Descent Control switch
3. Off Road Mode selector

Hill Descent Control (1/3)

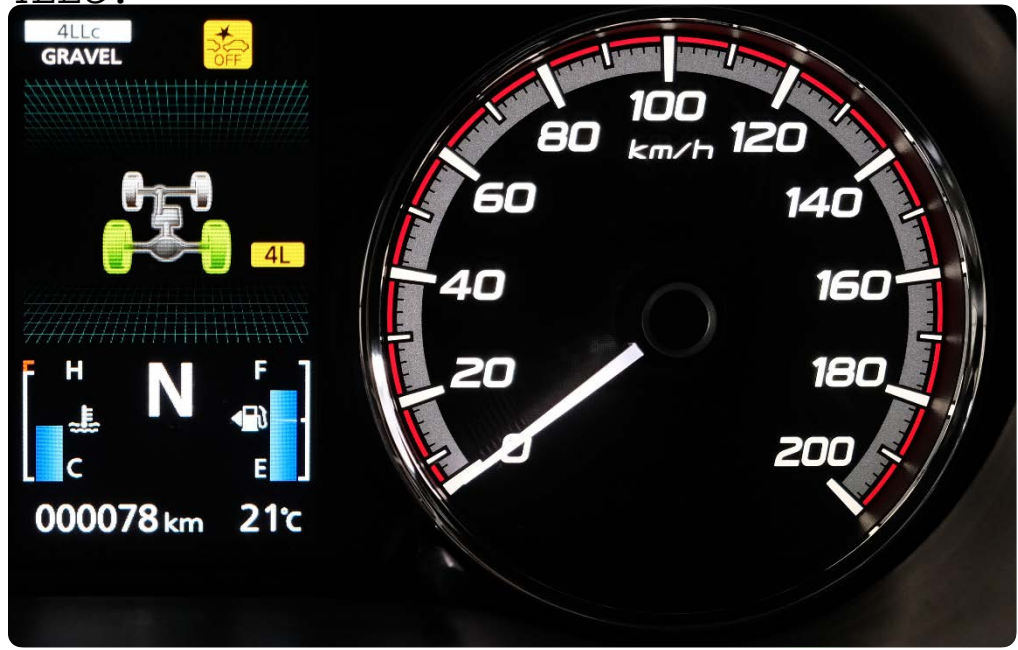
Hill Descent Control (HDC)

Hill Descent Control can keep the vehicle speed constant at 2 to 20km/h when travelling downhill. The set speed is decided by the driver and controlled by the ASTC-ECU hydraulic unit applying brake pressure.



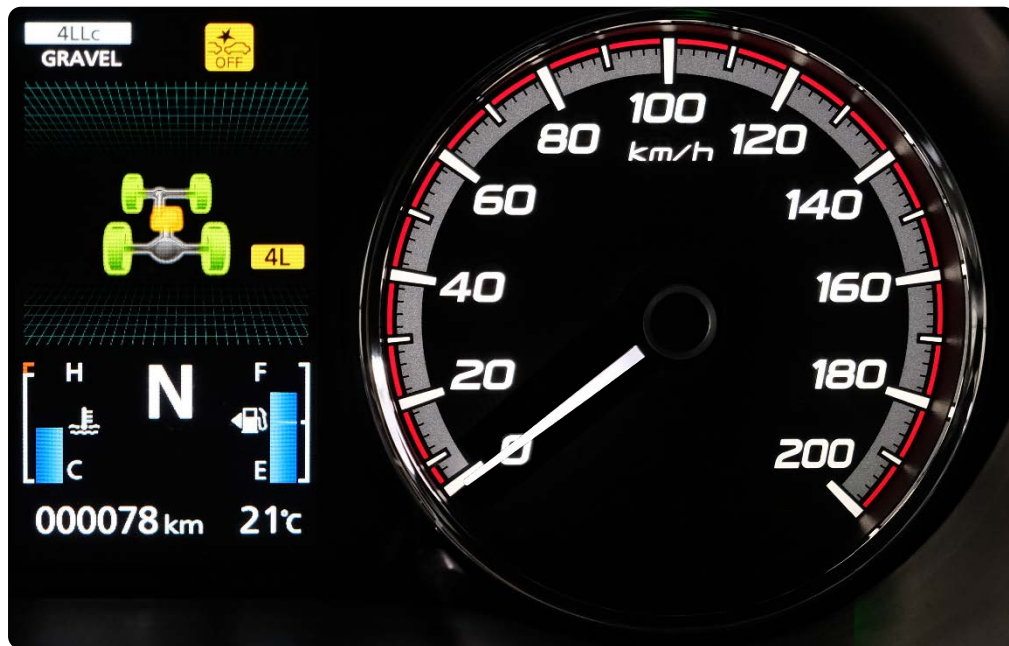
Hill Descent Control (HDC)

For AT vehicles any Drive Mode can be selected. MT vehicles must be in 4LLc.



Hill Descent Control (HDC)

When active the HDC light will flash.



Off Road Modes

By the drive mode selector the driver can select an appropriate driving mode according to the road conditions.

Road condition	Super Select II	Off Road Mode
Dry paved road and highway	2H or 4H	
Packed snow road	4H	
Gravel road	4HLc or 4LLc	Gravel
Deep snow or muddy road	4HLc or 4LLc	Mud / Snow
Sandy road	4HLc or 4LLc	Sand
Rocky road	4LLc	Rock

- The Rear Differential Lock has priority over the Off Road Modes.
The Off Road Modes are no longer available once the rear differential lock is switched ON.

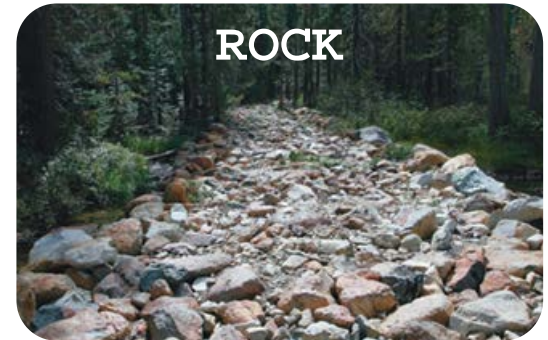


Off Road Mode Selector

Off Road Mode selection adjusts the following controls according to the road condition



- Engine control
- Transmission control
- Active Stability Control (ASC)
- Active Traction Control (TC)
- Anti-lock Braking System (ABS)





Off-Road Mode changes in control

Selected road condition	Target for control changes	Super Select 4
GRAVEL	Default setting.	4HLc or 4LLC
MUD/SNOW	Reduced loss of momentum compared to GRAVEL mode to avoid getting stuck.	4HLc or 4LLC
SAND	Reduced loss of momentum compared to MUD/SNOW mode to avoid getting stuck.	4HLc or 4LLC
ROCK	Minimal wheel slip to improve drive force transmission for bumping tyres.	4LLc

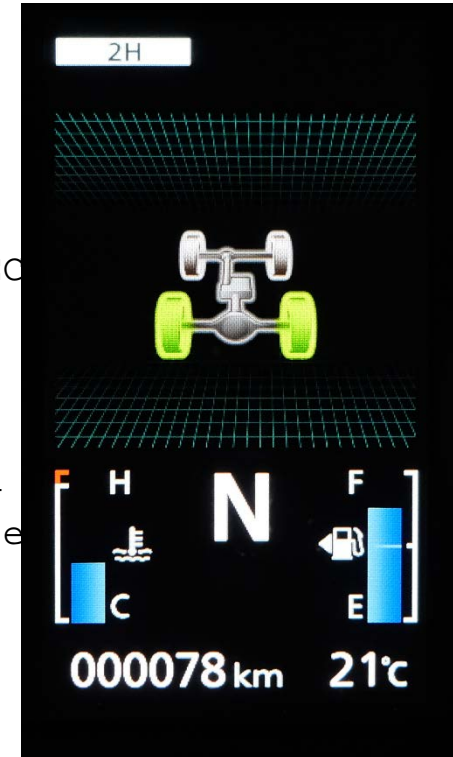
Off Road Mode selection in 4HLc



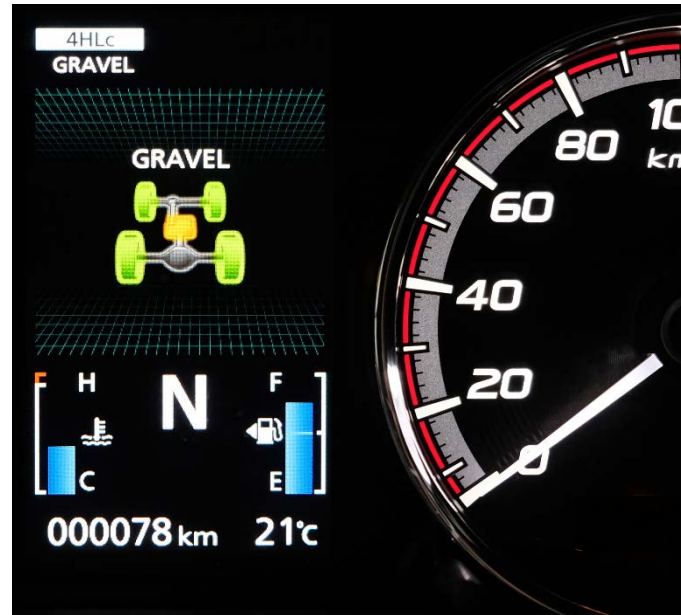
Off Road Mode Selector

By operating the drive mode selector to 4HLc the ATSC-EC will enter Gravel mode by default.

Other modes can be selected using the Off Road Mode selector switch.



Off Road Mode selection in 4LLc



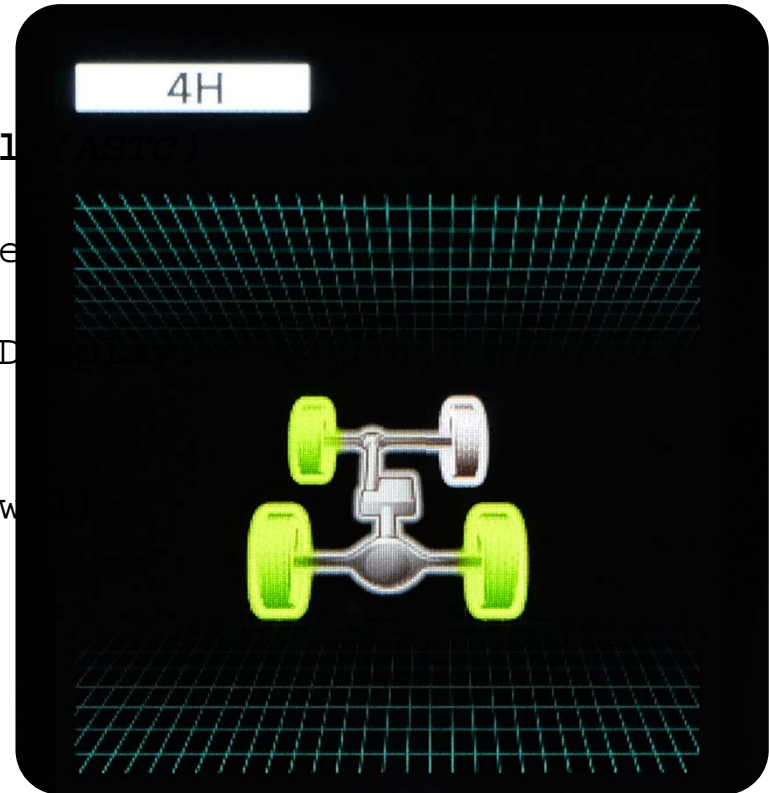
Off Road Mode Selector

By operating the drive mode to 4LLc the ATSC-ECU will disable traction control. Other modes can be selected by using the Off Road Mode selector switch.

Active Stability and Traction Control

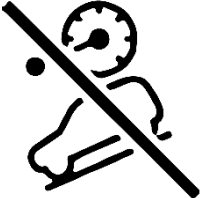

For vehicle with a high contrast meter a change was made for the visual appearance in the Multi-Information-D

When the ASTC-ECU operates the brake on a wheel, the corresponding wheel will blink on the display.



HDC or Off Road Modes cancelled or not available

There are several conditions that either system will not be available.

	
<p>Hill Descent Control cancelled or not available</p>	<p>Off Road Mode cancelled or not available</p>
<p>ASTC-ECU detected a malfunction</p>	
<p>The rear differential is locked</p>	
<p>The brake pads are hot</p>	
<p>The vehicle speed exceeds 20km/h</p>	<p>Wrong drive mode selected Super Select 4 : 2H or 4H</p>
<p>HDC switch is pressed and held</p>	
<p>Wrong gear is selected</p>	

Drive Mode Selection

For the L200 20MY the maximum driving speeds in 4H/2L for Easy Select and 4HLc/4LLc for Super Select have been changed.

Easy Select 4

Drive mode	Max. possible driving speed	
	20MY	19MY
2H	170 km/h	165 km/h
4H	110 km/h	165 km/h
4L	50 km/h	70 km/h

Super Select 4 II

Drive mode	Max. Possible driving speed	
	20MY	19MY
2H	170 km/h	170 km/h
4H	170 km/h	170 km/h
4HLc	110 km/h	170 km/h
4LLc	50 km/h	70 km/h



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