

Antilock Braking System (ABS)

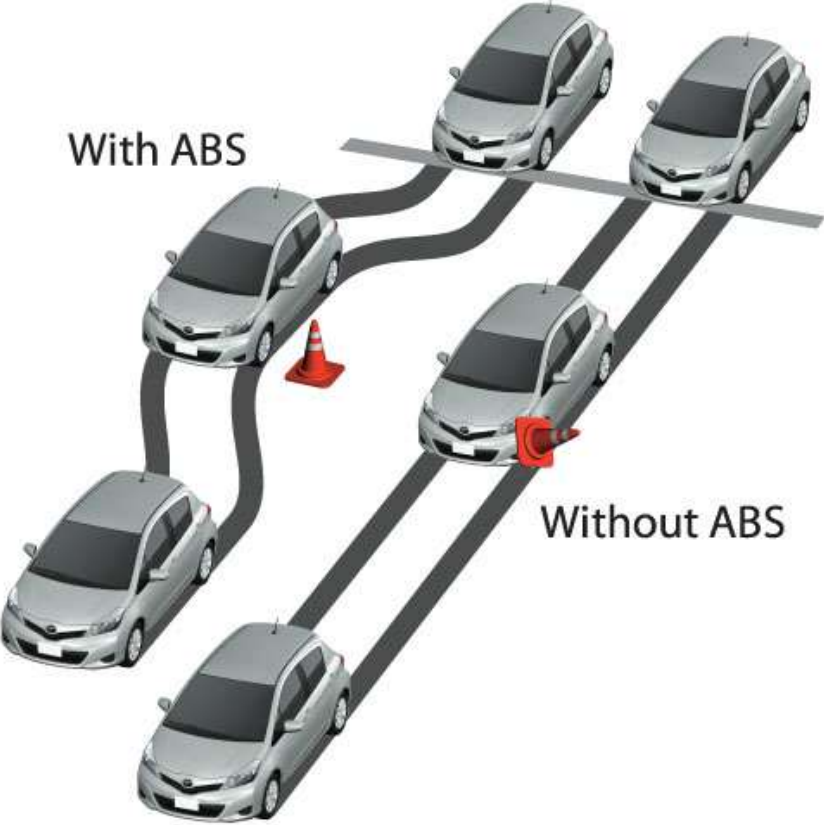
Antilock Braking System prevents the wheels from locking up, thus avoiding uncontrolled skidding. ABS generally offers improved vehicle control and decreases stopping distances on dry and slippery surfaces

With ABS, you get better stability and control over a car while braking ,

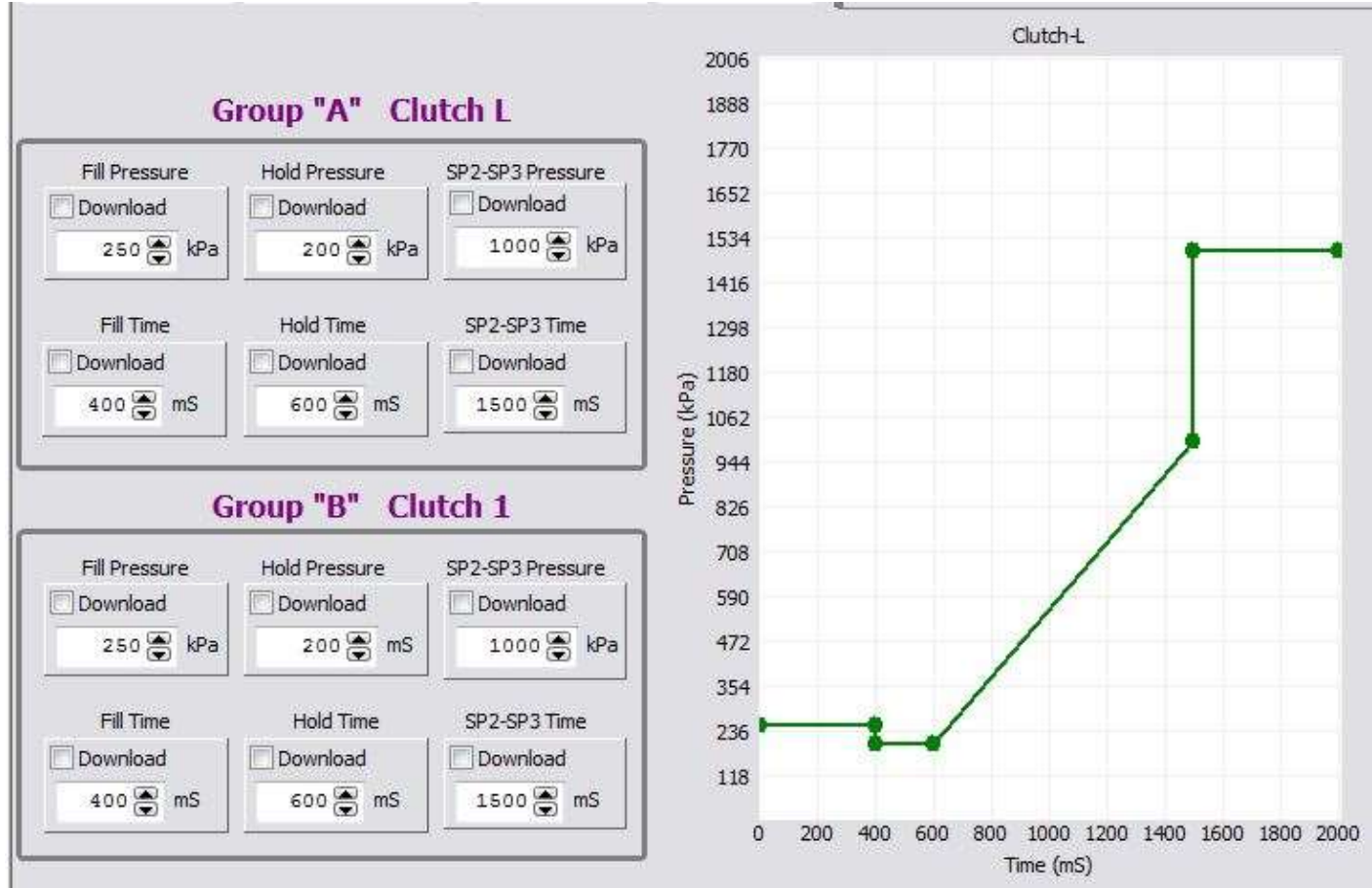
A skidding wheel (where the tire contact patch is sliding relative to the road) has less traction (grip of the tire on the road) than a non-skidding wheel. For example, if your car drives over a road covered in ice, it is unable to move forward and the wheels will keep spinning, since no traction is present. This is because the contact point of the wheel is sliding relative to the ice.

ABS modifies the brake fluid pressure, independent of the amount of pressure being applied on the brakes, to bring the speed of the wheel back to the minimum slip level that is mandatory for optimal braking performance.

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Basic Parameters		Max Clutch Pressure		Diagnostic Warning Limit.....(Alarm)		Retarder Mode Settings	
Transmission Detail	<input type="button" value="Details"/>	Clutch "L" Max Pressure	1500 kPa	Clutch L,H,3,4 Low Pressure Warning	1100 kPa	UP Shift Speed	2200 RPM
Maximum Forward Gear	7	Clutch "H" Max Pressure	1700 kPa	Clutch 1,2,R Low Pressure Warning	2200 kPa	Down Shift Speed	1800 RPM
Maximum Reverse Gear	-1	Clutch "3" Max Pressure	1500 kPa	Lockup Diagnostic Pressure	1000 kPa		
Auto Retarder "ON" @ Speed	2490 RPM	Clutch "4" Max Pressure	1700 kPa	Main Pressure Low Warning	1500 kPa		
Auto Retarder "OFF" @ Speed	2400 RPM	Clutch 1,2,R Max Pressure	3000 kPa	HOT Diagnostic Warning	100 degC		
Configure Shift Speed	<input type="button" value="Speed"/>			COT Diagnostic Warning	100 degC		
Shift Stable Time	<input type="button" value="Delay"/>			Transmission Input Over Speed	2400 RPM		
		Minimum Clutch Threshold Pressure		Transmission Intermediate Over Speed	3500 RPM		
		Threshold Pressure Clutch L	300 kPa	Transmission Output Over Speed	3500 RPM		
		Threshold Pressure Clutch H	300 kPa				
		Threshold Pressure Clutch 1	300 kPa				
		Threshold Pressure Clutch 2	300 kPa				
		Threshold Pressure Clutch 3	300 kPa				
		Threshold Pressure Clutch 4	300 kPa				
		Threshold Pressure Clutch R	300 kPa				
				Critical Limit.....(Interlock-Neutral)			
				Clutch L,H,3,4 Critical Pressure Limit	800 kPa		
				Clutch 1,2,R Critical Pressure Limit	1500 kPa		
				HOT Critical Temperature	110 degC		
				COT Critical Temperature	110 degC		
Lockup Settings							
Lockup Valve Type	Solenoid						
Lockup "ON" @ Speed	1550 RPM						
Lockup "OFF" @ Speed	1400 RPM						

Before Calibration Make Sure All Clutch Pressures Including Main Pressure are Zero
Note: Use This Option Wisely before Clicking any of the above parameter.