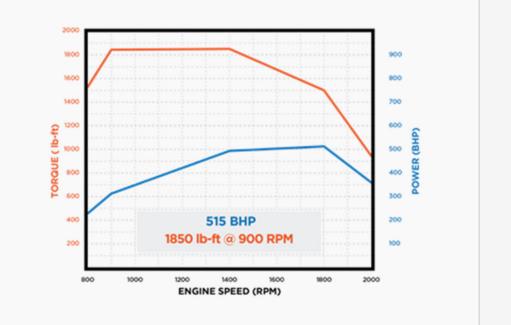
INDUSTRY LEADING ENGINE WARRANTY

BASE ENGINE	2 years, unlimited miles, unlimited hours
BASE MAJOR COMPONENTS	5 years, 500,000 miles
BASE TOWING*	2 years, unlimited miles, unlimited hours
OPTIONAL ENGINE	Up to 6 years, 600,000 miles
OPTIONAL MAJOR COMPONENT	Up to 7 years, 700,000 miles

LT® AND RH[™] SERIES POWER & TORQUE CURVE



S13 ENGINE TECHNICAL SPECIFICATIONS

ENGINE TYPE

Diesel, 4-Cycle

CONFIGURATION

Inline 6-Cylinder

DISPLACEMENT	12.7L (777 cu. in.)
BORE & STROKE	5.12 in. & 6.30 in. (130 mm & 160 mm)
COMPRESSION RATIO	23:1
ASPIRATION	Fixed Geometry Turbocharger
COMBUSTION SYSTEM	1800 bar Common Rail
ENGINE LUBRICATION	47.5 Quarts (45 L)
TOTAL ENGINE WEIGHT	(Dry) 2284 lbs. (1036 kg)
VALVES	4 Valves Per Cylinder, Dual Overhead Camshaft
B10 DESIGN LIFE	1,200,000 mi (1,931,000 km)

INDUSTRY LEADING ENGINE WARRANTY

2 years, unlimited miles, unlimited hours
5 years, 500,000 miles
2 years, unlimited miles, unlimited hours
Up to 6 years, 600,000 miles
Up to 7 years, 700,000 miles

*Towing for vehicles with engine failures

T14 TRANSMISSION KEY BENEFITS

Deep low-end gearing and shifting smoothness, delivering efficiencies of a direct drive in an overdrive package
14 speed with 2 crawler gears
A lightweight, efficiently packaged and robustly designed
gearbox with unlimited GCW
Single counter shaft transmission designed for simplicity and
reliability

LT® SERIES AND RH™ SERIES

Gear	Ratio	% Step
R2	12.60	
R1	16.23	
1	20.81	29%
2	16.16	29%
3	12.57	29%
4	9.76	29%
5	7.56	29%
6	5.87	29%
7	4.55	29%
8	3.53	28%
9	2.77	29%
10	2.15	29%
11	1.66	29%
12	1.29	29%
13	1.00	28%

	14 0.78	-		
LT® AND RH™ SERIES POWER & TORQUE CURVE				
HP @ 1800 RPM	TORQUE [LB-FT] @ 900 RPM	GOVERNED SPEED [RPM]		
370	1250	2000		
400	1450	2000		
400	1850	2000		
430	1550	2000		
450	1750	2000		
470	1750	2000		
515	1850	2000		
T14 TRANS	MISSION BASE WARR	ANTY		

TRANSMISSION

5 years, 750,000 miles (1,200,000 km)

CLUTCH

3 years, 350,000 miles (563,000 km)

DUAL STAGE AFTERTREATMENT KEY BENEFITS

With Dual Stage Aftertreatment, and significantly improved emission control, the combustion can be optimized further for		
 improved performance and fuel efficiency. Two DEF Injectors 		
 Dual Stage catalysts with upstream and midstream DEF dosing 		
 No driver interaction required 		
• The system manages the regeneration during operation DPF filter does not need to be cleaned/replaced until 650,000		
miles @ >8.2 mpg		
Robust, compact aftertreatment allows less heat loss and helps significantly in improving the fuel economy and		
packaging		
DUAL STAGE AFTERTREATMENT WARRANTY		

2 years, unlimited miles, unlimited hours