

TREMEC

Torque Transfer Solutions™

TREMEC TR-6060™ Transmission 6-Speed RWD Manual Transmission

The TREMEC TR-6060 six-speed manual transmission is found in high-performance flagship vehicles. Along with the capability to stand up to some of the highest-output V-8 engines in the industry, the TR-6060 delivers great overall shift feel with short throws, and smooth gear synchronization.

Design features of the TR-6060 include a combination of double-cone and triple-cone synchronizers on all gears. Anti-friction ball struts and fine-pitch splines provide reduced friction between components. A spring loaded anti-friction roller, in combination with broached forward and reverse detent grooves on the mainshaft provide precise control of shift detents and a positive shift feel.

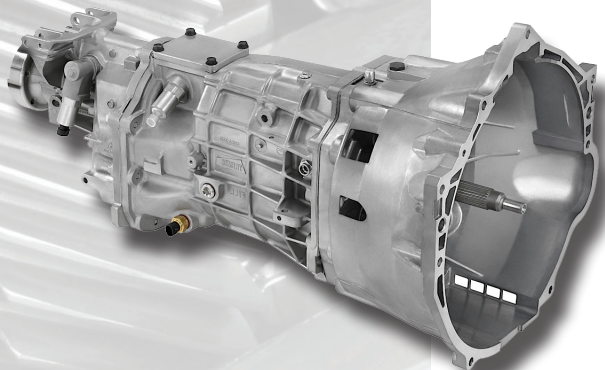
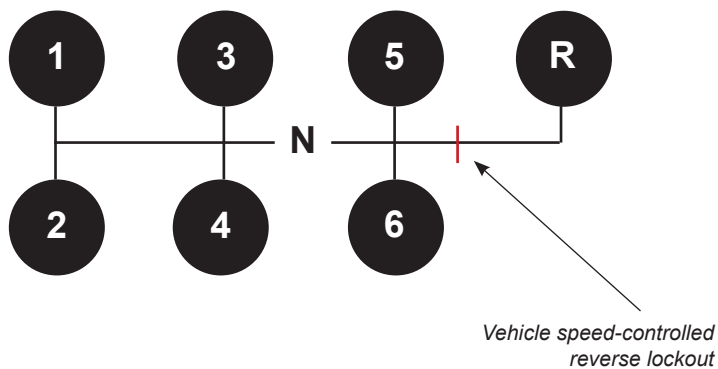
Gearsets Tailored to Enhance Performance

Reduced fore and aft shift travel and narrow synchronizer hubs allows greater face width on all gears. The gears utilize a two piece design with machined clutch teeth for more precise gear engagement.

TR-6060 Features at a Glance:

- Rear wheel drive, six-speed manual overdrive transmission
- Close-ratio gearing
- Three-piece “end load design” aluminum housing
- Triple supported output shaft and countershaft
- Taper bearings and cylindrical roller bearings
- All speed gears supported by needle bearings
- Integrated clutch housing improves case strength
- Two-piece gears with laser welded clutch teeth rings
- Advanced and asymmetric clutch teeth in second and third gears improves shifting action
- Multiple shifter locations for design/installation flexibility
- Hybrid and sintered bronze double and triple cone synchronizers offer lightning quick gear changes with fluid-like engagement

Shift Pattern





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TREMEC TR-6060™ Transmission

6-Speed RWD Manual Transmission

TREMEC TR-6060 Transmission Specifications

Type:	Rear wheel drive, six-speed manual dual overdrive transmission						
Maximum gross vehicle weight:*	2,400 kg (5,291 lb) <i>*For reference only. Not applicable to a specific application</i>						
Case:	Die-cast aluminum alloy						
Center distance:	85 mm						
Overall length:	813 mm						
Clutch housing:	Integrated						
Synchronizer type:	Double and triple cone; hybrid and sintered bronze friction material						
Lubricant type:	Dexron III AFT						
Lubricant capacity (approximate):	3.45 (7.29 pt)						
Transmission weight:	Wet: 66.3 kg (146.2 lb)						
Power take off:	No						
Available Gear Ratios <i>Alternative ratios available upon request; may result in different maximum input torque</i>	Gear	A	B	C	D	E	F
	1	3.01	2.98	2.66	2.66	2.29	2.26
	2	2.07	1.78	1.78	1.82	1.61	1.58
	3	1.43	1.30	1.30	1.30	1.21	1.19
	4	1.00	1.00	1.00	1.00	1.00	1.00
	5	0.84	0.74	0.80	0.76	0.82	0.71
	6	0.57	0.50	0.63	0.50	0.68	0.50
	R	3.28	2.90	2.90	2.90	3.11	2.90
	Input Torque	580 Nm 430 lb-ft	680 Nm 500 lb-ft	760 Nm 560 lb-ft	810 Nm 600 lb-ft	880 Nm 650 lb-ft	880 Nm 650 lb-ft