

# TREMEC®

Torque Transfer Solutions™

## TREMEC TR-3450™ Transmission 5-Speed RWD Manual Transmission

The TREMEC TR-3450 is designed for rear-wheel drive pickup trucks, SUV's and passenger vehicles. The unit offers improved strength while providing significant weight savings thanks to robust die-cast aluminum housings.

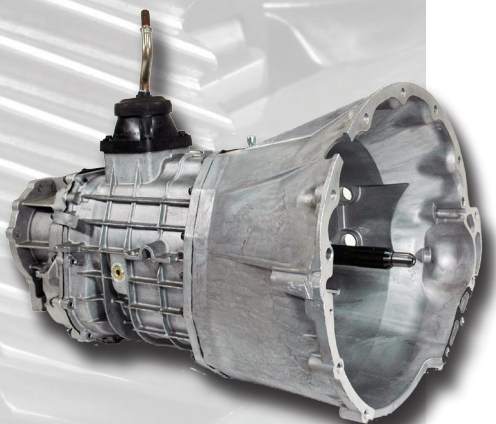
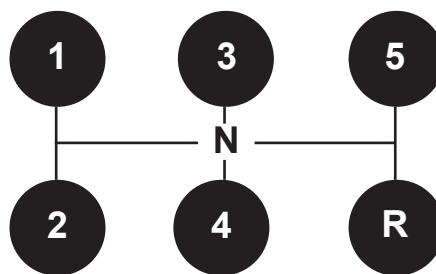
All forward gears are fully synchronized using carbon-fiber type synchronizer materials to make silky smooth shifts. Tapered roller bearings are used to minimize noise and improve efficiency.

The all aluminum, end-load transmission utilizes an integrated clutch housing and extension housing.

### Features at a Glance:

- 85mm center distance
- High-contact constant-mesh helical gears for maximum strength
- Die-cast aluminum alloy housing saves weight while offering considerable rigidity
- Tapered bearings on input, main and countershafts provide excellent distortion control
- Needle bearings under each gear reduce friction and noise output
- Back-tapered synchronizer splines eliminate gear "jump out"
- All forward gears and reverse gear synchronized utilizing advanced technology to reduce shift effort
- Counter shaft mounted 5th gear synchronizer reduces noise in overdrive
- Double cone synchronizers on 1st and 2nd gears
- High capacity single cone synchronizers on 3rd, 4th, 5th and reverse gears

### Shift Pattern





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# TREMEC TR-3450™ Transmission

## 5-Speed RWD Manual Transmission

### TREMEC TR-3450 Transmission Specifications

Type:	Rear wheel drive, five-speed manual overdrive transmission		
Maximum gross vehicle weight:*	7,500 kg (16,500 lb) <i>*For reference only. Not applicable to a specific application</i>		
Case:	Three-piece aluminum; end load design		
Center distance:	85 mm		
Overall length:	686 mm		
Clutch housing:	Integrated bell housing		
Synchronizer type:	Double and single cone		
Lubricant type:	Synchromesh transmission fluid, Castrol Syntorq LT Synthetic or Gulf Gear LT 80W		
Lubricant capacity (approximate):	4.2 L (8.8 pt)		
Transmission weight (dry):	52 kg (114 lb)		
Power Take Off (PTO):	Available		
Available Gear Ratios <i>Alternative ratios available upon request; may result in different maximum input torque</i>	Gear	A	
	1	3.82	
	2	2.31	
	3	1.42	
	4	1.00	
	5	0.83	
	R	3.82	
	Input Torque	460 Nm 335 lb-ft	