



TREMEC[®]

TRANSMISSIONS

- Shift Balls
- Shift Location Conversion Kits
- Miscellaneous Components

Bulletin No. SPMM0150807

Shift Balls

Show off your TREMEC™ transmission with a new TREMEC Shift Ball. Inscribed with the esteemed TREMEC logo, these shift balls are available with a 5 speed pattern for the popular T-5, TR-3650, and TKO, or a 6 speed pattern for the T-56, TR-6060, and the new T-56 Magnum. All Shift Balls include thread adaptors, thread locker, and jam nuts to fit most shift handles (Please specify SAE or Metric.)

5 Speed

Color/Finish Part No. Thread Type

Brushed Aluminum

	5BR-SX 5BR-MX	SAE Metric
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Polished Aluminum

	5PO-SX 5PO-MX	SAE Metric
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Black

	5BL-SX 5BL-MX	SAE Metric
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White

	5WH-SX 5WH-MX	SAE Metric
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6 Speed

Color/Finish Part No. Thread Type

Brushed Aluminum

	6BR-SX 6BR-MX	SAE Metric
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Polished Aluminum

	6PO-SX 6PO-MX	SAE Metric
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Black

	6BL-SX 6BL-MX	SAE Metric
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White

	6WH-SX 6WH-MX	SAE Metric
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Thread Adapter (included with every shift ball)

	Part No.	Type	Internal Thread Adapters	Ball I.D. Thread
	M-999-13	SAE	.312 x 18, .375 x 16, .375 x 24, .50 x 24	M16 x 1.5
	M-999-14	Metric	M10 x 1.25, M12 x 1.75	

TKO Shift Location Conversion Kits

	Description	Part Number	Height	Note
	Offset Shift Lever (Low Profile)	30-17-2X	2.375"	Can be mounted at 19.5" or 16.75" from face of transmission. Shift lever can be easily switched to alternative side.
	Mid Shift Conversion Kit	30-17-4X	3.5"	<p>Use to move your shift lever to the Mid Shift point at 12.68" from face of transmission.</p> <p>Includes Conversion Instructions, Shift Lever Assembly with boot, new 3/4 lug, and cover for the rear shift lever opening.</p>
	Front Shift Conversion Kit	TCKT1960	3.5"	<p>Use to move your shift lever to the Front Shift point at 7.03" from face of transmission.</p> <p>Includes Conversion Instructions, Shift Lever Assembly with boot, shift rails and lugs, and cover for the rear shift lever opening.</p>
	Rear Shift Cover	TCPT5706		Included in Midshift and Front Shift conversion kits.




TKO Clutch Housing (Ford vehicles only)

	Engine	Part Number	Pilot Dia	Includes
	4.6L/5.4L	TCCM1899	4.85"	M-96-1 Clutch Fork Cover & Mounting Screws 4 Transmission Mounting Bolts
	5.0L/5.8L	D9CZ-6392-C	4.85"	1.9685" Ball Stud, Part # 1381-146-001 (installed) 4 Transmission Mounting Bolts

Installation Precautions

Always remember to check transmission to clutch housing to engine fit. The clutch housing pilot will need to be dial indicated into the crank shaft to ensure proper alignment. Check the input shaft to pilot bearing fit, and the depth of the input shaft pilot to the crankshaft pilot bore to ensure clearance & proper alignment of the input shaft. TTC is not responsible for installation errors or damage as the result of failure to check fitment of transmission to engine and vehicle.

Miscellaneous Transmission Components

	Description	Part Number	Dimensional Info	Note
	Ball Stud	1381-146-001	1.9685"	Must use with lockwasher to ensure proper pivot height
	Ball Stud	TNTN1261	1.476"	Must use with lockwasher to ensure proper pivot height
	Lock Washer, Ball Stud	1381-050-001	1/2"	For use with Ball Stud

Miscellaneous Transmission Components

	Description	Part Number	Dimensional Info.	Note
	Mounting Bolt, Clutch Housing	57661-52	7/16 x 1½	Transmission to Clutch Housing
	Clutch Fork Cover	M-96-1		Fits TCMM1899 Clutch Housing. Includes 2 mounting screws
	Mechanical Speedo Plug Kit	30-360-1X		Use to seal mechanical speedo opening on TKO transmission when electronic speedo is used
	Short Shaft Kit	TCKT5727	10 Spline, 1 1/16" Pilot, .669" Pilot	Used for FE Engine. Includes Input Shaft & Front Bearing Retainer and Seal
	Short Shaft Kit	TCKT5729	26 Spline, 1 1/16" Pilot, .669" Pilot	Used for FE Engine. Includes Input Shaft & Front Bearing Retainer and Seal
	Slip Yoke	2-3-6041X	1330 Series, 31 Spline	Fits TKO-500 & TKO-600 Transmission
	Thread Locker, Shift Ball	545080-1	.05 CC	Included in Shift Ball Thread Adapter kits
	Gasket Eliminator	2670644	50 CC	Anerobic Gasket Eliminator



14700 Helm Court
Plymouth, MI 48170
(800) 401-9866 or (734) 456-3770
Fax: (734) 456-3739
www.ttcautomotive.com

