



TF727 HIGH PERFORMANCE PRODUCTS

TF727 High Torque Input Shaft & Hub: Product #129600

This shaft has been designed for higher horsepower engines.

- * The shaft is machined from 300 Maraging steel.
- * Shaft is heat treated for torsional strength and precision ground at all critical diameters.
- * The Hub has been machined from 4140 HTSR steel.
- * Shaft to hub splines increased from the O.E.M. 28 to 35 - 25% more surface contact.



TF727 Input Shaft & Billet Aluminum Hub: Product #129600A

Designed for high RPM applications and, maximum weight savings.

- * The shaft is machined from 300 Maraging steel.
- * Shaft is heat treated for torsional strength and precision ground at all critical diameters.
- * Precision machined high strength lightweight aluminum hub.
- * Shaft to hub splines increased from the O.E.M. 28 to 35 - 25% more surface contact.
- * 3.02 lbs - 34% lighter than the O.E.M. assembly.



TF727 Full Metal Jacket Drum Kit: Product #K123900AS

Ideal for both the street and strip. Only 5.5 lbs - 2 lbs lighter than the O.E.M. drum.

The Kit includes the following;

- * One billet 7075-T6 aluminum drum with steel sleeve and, replaceable brass bushing.
- * One new billet aluminum clutch piston.
- * One TCS steel pressure plate.
- * One set of sealing rings.



TF727, A518/618, 47/48RE Steel Front Drum & X-Large Piston: Product #K123900SH

- * The billet steel drum is machined from 1040-1045 medium-carbon machinery steel
- * Stronger, more reliable and safer than the O.E.M. cast iron drum - Ideal for street use.
- * Will hold up to 6 friction plates versus 4 in the O.E.M. unit.
- * 55% MORE piston apply surface area! This results in double the clamping force needed in third gear.
- * Engineered with dual oil apply passages for even piston apply.
- * Kit comes with a precision CNC machined billet aluminum piston.



TF727 Aluminum Direct Drum & Piston: Product #K123900

- * The Drum is made from billet 7075-T6 aluminum.
- * Kit includes a new steel pressure plate, teflon sealing rings and, a TCS billet aluminum piston.
- * 57% LIGHTER than the O.E.M. drum - 3 1/4 lbs versus 7.5 lbs.
- * Will hold up to 5 friction plates versus only 4 in a O.E.M. drum.
- * Designed with a serviceable and replaceable ring sleeve & bushing.



TF727 Weight Loss Kit: Product #K727C

Total weight loss using this combo over the OEM components is 7.27 lbs.

Kit includes:

- * 1- Billet aluminum front drum & piston (part#123900)
- * 1- Billet aluminum rear drum (part#123901)
- * 1- Ultra-light sun shell (part#121450)



TF727 HIGH PERFORMANCE PRODUCTS**TF727 Steel Front Drum & Aluminum Piston: Product #K129005**

- * Drum is made from billet, (Carbon Steel 1040 - 1045) steel.
- * New steel pressure plate.
- * Teflon sealing rings.
- * TCS billet aluminum piston.
- * Stronger and more reliable than the O.E.M. cast iron drum.
- * Drum will hold up to 5 friction plates versus 4 in a O.E.M. unit.
- * Drum is engineered with dual apply feed passages.

TF727 Aluminum Low/Reverse Band Drum: Product #123805

- * Drum is made from billet 7075-T6 aluminum.
- * Needle roller bearing.
- * Weighs 1.40 lbs compared to O.E.M drum weight of 4.79 lbs - 70% lighter!

TF727 Ultra-Light Sportsman Support Kit: Product #K120005A

TCS billet aluminum low/reverse band drum with a large needle bearing to reduce drag and heat generating friction.

- * Drum is machined from billet 7075-T6 aluminum c/w large needle bearing. Weighs 1.40 lbs compared to O.E.M drum weight of 4.79 lbs - 70% lighter!
- * TCS output support made from billet 4140 HTSR steel c/w radial ball bearing.
- * TCS governor elimination sleeve and lightened parking gear.

Note: Assembly can only be used with a manual valve body.

TF727 Sportsman Support Kit: Product #K120005

TCS has modified the steel O.E.M. cast low/reverse drum to incorporate a large bearing to reduce drag and heat generating friction.

- * Output support is made from billet 4140 HTSR steel.
- * Radial ball bearing support.
- * Roller bearing installed in a re-furbished O.E.M. 1st/reverse drum reduces friction.
- * TCS governor elimination sleeve.

Note: Assembly can only be used with a manual valve body.

TF727 Sportsman Planetary Assembly: Product #K127500A-F

Features include:

- * 4 enclosed Torrington needle bearing assemblies.
- * New front planetary steel top hat - for maximum spline strength.
- * Radial ball bearing output support made from billet 4140 HTSR steel.
- * Stock ratio 2.45/1.45
- * Roller bearing installed in a re-furbished O.E.M. 1st/reverse drum reduces friction.
- * TCS governor elimination sleeve.
- * Available in 3, 4 & 5 pinion arrangements.

Note: Manual valve body or transbrake valve body transmissions only.



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TF727 Aluminum Rear Drum: Product #123901

- * The TCS 727 rear drum is made in-house from 7075-T6 billet aluminum.
- * 60% lighter than the stock rear drum - 1.45 lbs. versus 3.65 lbs.
- * A direct replacement for the O.E.M. drum.
- * Ideal for both street and strip.

TF727 Aluminum Rear Drum Pressure Plate: Product #123901PA

- * Further reduces the rotational weight in your 727 transmission
- * Made from billet 6061-T6 aluminum.

TF727 Direct Drum Spring Retainer: Product #123900DSR

Direct Drum Spring Retainer Kit contains:

- * One billet aluminum ring retainer and 15 springs.

TF727 Aluminum Pressure Plate: Product #123900PA

Manufactured with extra thickness to allow your shop machinist to fit the plate according to your drum's actual requirements "or" type of frictions and steels.

Aluminum Pressure Plate: #123900PA

- * Weight: 0.45 lbs.
- * Thickness: 0.318 inches. (custom thickness available)

TF727 Steel Pressure Plate: #123900PP

- * Weight: 0.85 lbs.
- * Thickness: 0.208 inches.

TF727 O.E.M. Steel Pressure Plate: #22940

- * Weight: 1.00 lbs.
- * Thickness: 0.278 inches.

TF727 Four Pinion Front Planet Assembly: Product #11275-1-EW

This is a direct replacement front planetary assembly, manufactured with a vastly stronger steel spline, instead of aluminum as in the O.E.M. version.

- * Uses the O.E.M. thrust washer for easy installation.

MUST specify the production date of your transmission when ordering, due to spline differences.

- * 1962-1975 - Early... 1275-1-BW
- * 1976-1993 - Mid..... 1275-1-EW
- * 1994- On - Late

TF727 Ultra-Light Sun Shell: Product #121450

For the serious enthusiast looking to reduce every possible ounce of weight from the transmission.

- * 2.73 lbs versus the 3.75 lb stock unit. A full 1 lb of weight reduction!
- * Dichromate plated.



TF727 Aluminum Pressure Plate

Reduce rotational weight from your 727

TF727 Aluminum Pressure Plate
 Prt #123900PA
 Weight: 0.45 lbs.
 Thickness: 0.318 inches (custom thickness available)

TF727 Steel Pressure Plate
 Prt #123900PP
 Weight: 0.85 lbs.
 Thickness: 0.208 inches

TF727 O.E.M. Steel Pressure Plate
 Prt #22940
 Weight: 1.00 lbs.
 Thickness: 0.278 inches



TF727 HIGH PERFORMANCE PRODUCTS

TF727, A518/618, 47/48RE Combo Kit: Product #K1469CP

TCS Products combo kit is used for towing, sled pulling or drag racing. The kit contains:

- * The TCS billet aluminum dual ring servo and accumulator piston - for "ZERO" leakage 2nd gear apply, longer band and 3rd gear life!
- * The heavy duty quick ratio 4.2 band lever. Provides greater mechanical clamping force than the O.E.M. 3.8 ratio lever.
- * The unbendable heavy duty band strut.
- * The billet steel band anchor - for heavy duty and performance applications, positive band adjustment.



TF727 Low/Reverse Aluminum Piston: Product #123003

- * Made from billet T6 aluminum.
- * Eliminates cracking failures common in the O.E.M. unit.
- * Eliminates spring and messy shims.



TF727 Max Lug Pump Gear Set: Product #123404

The best Insurance money can buy! TCS Products offers the new precision machined MAX-LUG pump gear set for the TF727 transmission.

- * 45% more drive lug surface this gear set has the largest and strongest pump drive lugs in the industry.
- * Redesigned 100% drop-in gear set greatly reduces the possibility of pump failure.
- * Made for EXTREME service and high performance applications.



TF727 Bottom Feeder Kit: Product #128001A

The TCS Products R&D Team has designed, tested and released the TF727 "Bottom Feeder" Kit. This kit lowers and rotates the stock filter position to the rear of the pan for better oil during big wheel stands and hard acceleration.

The kit includes:

- * 1 Deep 4 quart cast aluminium finned pan.
- * 1 Billet aluminium filter adapter.
- * 1 Custom filter.
- * Pan gasket.
- * Drain plug.
- * All necessary mounting hardware and, detailed installation instruction.

Note: If you already have an aftermarket deep pan, the Bottom Feeder Adapter can be purchased seapartely (# K123902R).



TF727 Bolt-In Sprag Kit: Product #127000

TF727 Clutch Pack Kit: Product #K123900P

5 Clutch "Power Pack" for your direct drum

- * You can now HOLD YOUR POWER by installing this kit and add one more clutch plate to the 3rd gear drum.
- * The billet aluminum clutch piston provides a more positive and balanced clutch application over the O.E.M. cast piston.
- * A more stable piston apply + more friction area = greater performance and durability.
- * Raybestos frictions and steels are used with this kit.

