



Instructions for

High Capacity Transmission Pans

TFS-1000 & TFS-1001

Thank you for purchasing one of our high capacity, cast aluminum transmission pans. They feature 2 quarts extra capacity, stronger construction and a drain plug to simplify fluid changes. The installation is very simple but be sure to read through all the instructions and the safety notice. This will make the installation even easier.

Safety Notice

You must allow the transmission fluid to cool down for a few hours if it is at operating temperature. As an extra precaution, avoid contact with the fluid when draining.

Unless you're working on a lifted 4X4, the vehicle must be raised to allow access to the transmission. Use jack stands, wheel ramps or a hydraulic lift to safely support the vehicle.

Installation

Note the position of any linkages that attach to the transmission with the pan bolts since these will be reinstalled. Some minor bracket grinding may be required on some installations.

If your original pan has a drain plug, remove it and let the fluid drain into a suitable container then simply remove the pan. If there is no drain plug, get ready for a potential mess. Put the drain pan in position, remove the mounting bolts from one side only, and then loosen all mounting bolts on the two adjacent sides about ¼". Start to loosen the bolts on the opposite side, and then tap the pan to loosen it from the transmission. The idea is to get most of the fluid to escape from one side of the pan to minimize the mess. Try to keep yourself at arms length from the pan while tapping on it since the fluid will escape around the edges of the pan as soon as it breaks free. Next, remove the pan bolts closest to the low side letting the pan tilt and more fluid drain. Continue until there are only a few bolts left then hold the pan and remove the last bolts. Set the old pan and bolts aside, then remove any bits of the old pan gasket that may still be sticking to the transmission.

For TH350 applications: Remove the old filter and wipe the mounting surface clean then put a gasket on each side of the filter spacer and install the new filter using the longer bolts.

For TH400 models: Remove the filter then pull the filter tube out of the case --it's located at the front driver's side corner. There is a rubber O-ring that is located about ½" up into the hole that receives the tube. Make sure that you remove it. Place the new O-ring over the longer end of the new tube, lubricate the O-ring with a little ATF, and then push the tube up into the case. For proper alignment, angle the lower end of the tube toward the filter mounting bolt. Use the longer filter bolt and cylindrical spacer to position the new filter at the proper height.

All models: Install the new pan (with any linkages or brackets that were removed earlier) with the new gasket and supplied hardware and tighten evenly to 10 ft lbs. There is no need to over tighten! Install the drain plug, lower the vehicle and add 3 to 4 quarts of premium ATF. Start the engine and place the shifter in neutral then add fluid until the level is at the "add" mark. Shift through all gears to circulate the fluid. After the fluid is warmed up check the dipstick again and add extra fluid gradually until it is up to the full mark. Do not overfill!

1-330-630-1555

Ultimate Bolt-On Performance® Lifetime Warranty

Trick Flow Specialties cylinder head castings are backed by a lifetime warranty. If a cylinder head casting fails to provide the original purchaser with complete satisfaction, Trick Flow Specialties will repair or replace it free of charge — guaranteed!

Moreover, the valves, valve guides, valve seats, valve job, valve springs, valve spring retainers, valve locks, rocker arm studs, guideplates, and valve stem seals included on assembled Trick Flow Specialties cylinder heads are warranted to the original purchaser to be free from defects in materials and workmanship for a period of two years from the date of purchase. All other Trick Flow Specialties products are warranted to be free from defects in materials and workmanship for a period of 90 days. There are no mileage limitations.

Extent of Warranty

Customers who believe they have a defective product should return it to the dealer from which they purchased or ship it freight prepaid to Trick Flow Specialties along with proof of purchase and a complete description of the problem. If a thorough inspection indicates defects in materials or workmanship, our sole obligation is to repair or replace the product.

This warranty is only if the product is properly installed, subjected to normal use and service, did not fail due to owner negligence or misuse, and has not been altered or modified.

Trick Flow Specialties warranties do not cover any installation or removal costs.

Trick Flow Specialties is not liable for consequential damages for breach of contract of any warranty in excess of the purchase price of the product sold.

PROPOSITION 65 WARNING

This product may contain one or more substances or chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

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