



Instructions for

# High Capacity Transmission Pans

**TFS-1012 (TFS-1012-1 PAN, TFS-1012-2 DIPSTICK & TUBE)**

Thank you for purchasing one of our high-capacity, cast aluminum transmission pans for 5R55 equipped 1999 and up Ford vehicles. They feature two quarts extra capacity, provisions for a dipstick, strong cast aluminum construction, and a drain plug to simplify fluid changes. The installation is relatively basic but be sure to read through all the instructions and the safety notice.

**Please note that this pan only fits the 5R55N, 5R55S and 5R55W (16 bolt version). It will not fit the 5R55E (18 bolt version). Please count your mounting bolts prior to disassembly to save you some aggravation.**

Trick Flow 5R55 transmission pan kit is designed for the Ford 1.25" long pickup tube-filter (included). Your vehicle maybe equipped with a different length pickup tube-filter, depending on year and model. Install the included new filter and measure from the bottom of the pickup tube to the pan mount flange on the transmission. Required dimension is 3.00"-3.25" and is critical to transmission operation and accurate fluid level indication with dipstick assembly.

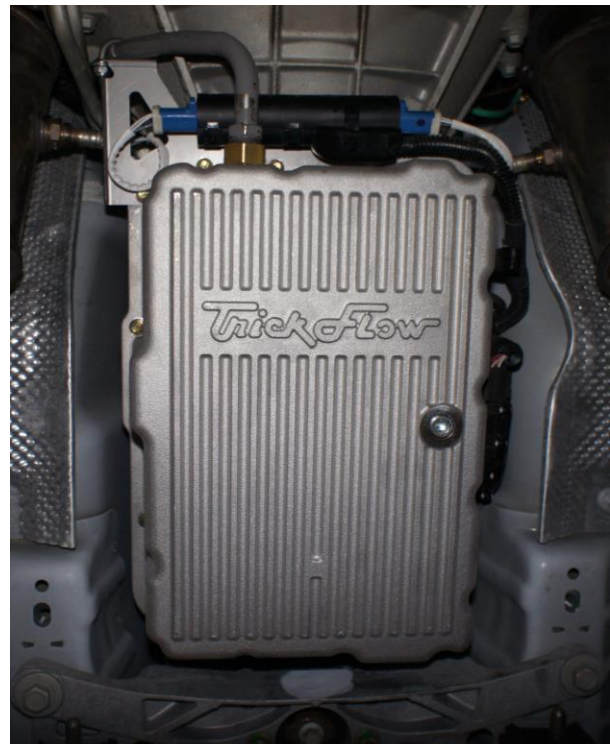
## Safety Notice

**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

- If your original pan has a drain plug, remove it and let the fluid drain into a suitable container then simply remove the pan.
- Set the old pan and bolts aside, and then remove any of the old pan gasket that may still be sticking to the transmission.
- Next, remove the two bolts securing the filter to the transmission. Gently wiggle the filter while pulling it out of the pump. Also, be sure to put the seal back into the pump if it comes out with the pick-up tube.
- Install the new filter, securing the filter with the two bolts that you just removed.
- Install the brass transmission dipstick fitting into your new Trick Flow pan using thread compound or Teflon tape to seal the fitting.
- Install the drain plug into the Trick Flow pan.
- Place the new gasket on your Trick Flow pan and secure the pan with a few bolts using the included hardware. Do not tighten the bolts at this point.



- Disconnect the passenger side oxygen sensor connector and route the wiring through the hole in the included dipstick bracket. Reconnect the oxygen sensor connector.
- Route the transmission dipstick tube into the engine compartment from the bottom of the vehicle, between the bell housing and transmission lines, and secure it to the dipstick mounting bracket with the supplied U-bolt, washers, and nuts. Thread the dipstick tube fitting into the brass fitting. Do not tighten anything at this point.
- Secure the bracket to the pan using the included hardware.
- Install the remainder of the transmission pan mounting bolts and torque them to **97 in.-lbs** or **8 ft.-lbs**.
- Tighten the dipstick tube fitting and U-bolt nuts.
- If only installing the Trick Flow transmission pan kit, initially add 5 ½ quarts of transmission manufactures recommended fluid. If transmission has been overhauled, trans-cooler modified/added, or torque convertor replacement. Follow manufactures instructions for fluid volume increase or decrease. Trick Flow 5R55 transmission pan is 2–2½ quarts increase over OEM Ford car pans.
- After initial fluid fill, start engine and inspect for possible leaks. With vehicle in park, check fluid level and add as necessary to bring fluid level into cross-hatch area.

### **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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