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## HP9100 – TORQUEFLITE SHIELD INSTRUCTIONS 9/24/16

For over 45 years our goal has been to provide racers and enthusiasts with reliably engineered, U.S. manufactured, torque converters and drive train components for your high performance application. *Before you start your build, please take a few moments to review the important Product Safety Information and installation steps set out within this instruction manual.* If you still have questions; Hughes Performance® technical team is here to help:  
(1-800-274-RACE).

### **Important Product Safety Information**

Throughout these instructions important safety information is generally preceded by one of three signal words indicating the relative risk of injury. The signal words mean:

**! WARNING** a hazardous situation which if not avoided could result in death or serious injury. **You CAN be Killed or Seriously Injured if you do not follow instructions.**

**! CAUTION** a hazardous situation which if not avoided could result in minor or moderate injury. **You CAN be moderately INJURED and also may suffer property damage if you don't follow instructions.**

**NOTICE** careful attention is required to follow this installation instruction or operation but does generally not relate to personal injury. Damage to your product or other property may result if you do not follow instructions.

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**! WARNING:** Improper selection of Hughes Performance® products, failure to follow installation instructions and/or misuse increases the risk of injury or accident. For your safety and the safety of others:

- Assure the Hughes Performance® product selected is intended for your application with an additional safety margin above your expected horsepower, torque, and intended usage of product and vehicle.
- These instructions are not intended to address all risks related to modification of your vehicle or use. Remember: *you are the builder and chief safety engineer for your modified vehicle.* Consult and follow all OEM warnings and operating limitations.

**! WARNING:** Use protective eyewear and gloves. If dusty, use face mask, wet and wipe clean working surfaces. Transmission fluids and cleaning products are highly flammable! Avoid open flame, welding sparks, smoking, or other sources of ignition.

# HP9100 – TORQUEFLITE SHIELD

## INSTRUCTIONS

**! WARNING** This shield is a piece of safety equipment designed to provide you protection in the event of a transmission explosion. The torqueflite is an excellent racing transmission which has been proven over the years. But, in the event of an explosion, they have the reputation of making the biggest mess. With this in mind, do not alter this shield in any way. However, if you have a shifter with a cable bracket that will not bolt to the transmission because the shield has blocked the location, you can drill two holes in the shield to bolt the shift cable to it.

1. Remove 2 pan bolts from each side of the transmission as shown in figures 1 & 2.
2. Position brackets and replace pan bolts. See figures 1 & 2 for proper position of brackets.
3. Remove rear cooler line fitting, install adaptor and replace the fitting.
4. **NOTICE** Place pan strap against bottom of pan allowing turned-up end to meet with outside of brackets. Mark location for holes in strap through slots in brackets and drill 3/8" holes. If you are using a short pan, you might want to trim the top edges of the strap.
5. Install shield, then pan strap. Insert 3/8" socket head bolts and start nuts. After all four bolts are in place, tighten nuts.
6. If the portion of the cable that bolts down is past rear edge of the shield, use the 1 1/2" x 4" plate supplied with the shield. **! CAUTION** Drill two 1/4" holes and bolt it to the shield in the desired location. Drill two holes in the plate for your cable and bolt cable to plate.

