

TigerDrive

Starting System

Instructions

- 1) Check the cross reference page at www.sullivanproducts.com to be sure you have the correct TigerDrive for your engine and to see any special installation notes. If a Shim Kit is required, order a S698 Shim Kit.
- 2) Remove screws and existing pull starter.
- 3) Put a small amount of S699 Dry Ice dry lube or suitable grease on the heavy duty steel TigerDrive gears.
- 4) Hold the engine vertical. Check to make sure the bronze bearing washer is centered on the large gear. With both TigerDrive gears in place, slide TigerDrive onto engine. Orient to the top, side or bottom as desired. Note: In all types, the shaft should fully engage the one way bearing.
- 5) Put the cover over the TigerDrive if provided (note: some versions do not have a cover).
- 6) Using new screws if original screws are not long enough, tighten TigerDrive in place, making sure gears turn freely. If the gears bind, loosen screws and shift TigerDrive slightly to free gears up. Retighten screws.
- 7) If you plan to use the TigerDrive without removing the vehicles body, drill a hole in the body where needed for wand access.

S686 Drive Wand Notes

If using a Sullivan starter, file a flat on the starter shaft for the set screws. Tighten all four set screws onto the starter shaft and hex driver. If using cordless drill, remove hex wand from the adapter and chuck into the drill.

Starting

Insert hex driver. Make sure it is turning in the correct direction; if not, reverse the leads on the starter. Once the engine starts, remove wand. If using a cordless drill, we highly recommend one with a torque limiter to prevent damage to the engine or TigerDrive if the engine becomes flooded (hydrolocked). Set the torque settings so that it slips if the engine locks up.

Maintenance

Clean and put light oil on the bearing and shaft every 30 hours of run time.

Additional covers in a variety of colors (S688) can be obtained from your local dealer!!