



SILVER SPORT *Transmissions*



HYDRAULIC KIT

INSTRUCTIONS FOR GM T5 BEARING RETAINER ADAPTER INSTALLATION



The parts contained in your Slave Cylinder kit are:

- T5 transmission front bearing retainer asm with locating stud
- combination slave cylinder/release bearing (CSC)
- braided steel hose with bleeder
- M8 flat head socket cap screws (4)
- spacer plates (if required for application)

INSTALLATION OF T5 BEARING RETAINER ADAPTER FOR SLAVE CYLINDER MOUNTING

NOTE : This procedure involves removal of the T5 transmission front bearing retainer and replacement with SST's 2-piece custom bearing retainer adapter assembly. The T5 input shaft clutch tooth ring has a flat area that when aligned with countershaft will allow the input shaft to be removed.

DO NOT allow the input shaft to fall out!

1. Remove and discard four (4) bolts holding the front bearing retainer to the transmission.
2. Remove and discard the front bearing retainer by tapping lightly with a mallet to break it free. Clean old sealant from the front of the transmission case using a razor blade scraper.
3. If the bearing cup came out with the bearing retainer, remove it from the old bearing retainer and insert it into the transmission, taking care not to lose or damage the input shaft shims that are between the bearing retainer and the bearing race. If the race stayed in the transmission, be sure to remove the shims from inside the old bearing retainer.
4. Place shims into new modified bearing retainer using petroleum jelly to hold them in place.
5. Following manufacturer directions, spread a THIN coat of Permatex® Ultra Grey RTV Silicone Gasket Maker #82194 or equivalent on the mounting face of the new bearing retainer. Be sure to encircle the (4) bolt holes.
6. Position the new 2 pc bearing retainer assembly so that the locating stud is at the top (12 o'clock) position. Be sure to keep the outer ring aligned with the retainer base (red line marked at top) so the input bearing oil grooves are located on vertical axis in order for the retainer to properly supply trans fluid to the input bearing and front seal area.
7. Attach to the transmission using four (4) socket head cap screws.
8. Torque the socket head cap screws to 12-16 lb.-ft. in an "X" pattern.
9. Make sure that the input shaft turns freely and does not have any perceptible fore-and-aft axial endplay movement. If it does not rotate or has excessive end play, shim per Tremec instructions.
The service manual is a free download from the Tremec website. **(manual #TRSM-T5-0510)**
Silver Sport Transmissions has shims available if needed.
10. Install bellhousing to engine to perform the crankshaft alignment check and make corrections if required per instructions MAA-00101.
11. Continue with the remainder of your hydraulic clutch kit installation as per instructions provided in MAA-00411 or MAA-00210.

