

Throw-out Bearing Installation Instructions

Part Number: 1250

Application: 2007-2018 Jeep JK Wrangler



Parts List

- A. New hydraulic release bearing
- B. Aluminum bearing adapter
- C. (3) 6mm mounting screws for bearing adapter
- D. (2) 6mm flanged hex screws for release bearing to adapter
- E. -4 AN braided steel line, flange, & grommet kit

Installation Instructions

1. Remove factory clutch fork and bearing. These will not be re-used.
2. Remove the factory slave cylinder, if it has not been removed. This will not be re-used. (Fig #1)



Fig #1



Fig #2

3. Remove 3 bolts holding the factory throw out bearing collar (10 mm socket). This will not be re-used. (Fig #2)

4. Inspect and clean the mounting surface for the new aluminum bearing spacer. (Fig #3)



Fig #3

5. Please take note of the proper orientation/ alignment on these next steps for the adapter and release bearing. (Fig #4, #5, #6)



Fig #4



Fig #5

6. Place the aluminum bearing adapter with notch on the back side (transmission side) towards the bottom (6 o'clock position). Use the three M6 x 1.00 x 30 mm countersunk screws to attach the adapter to the transmission, use a small drop of thread locker and torque the screws to 12 ft/lbs. (Fig #4 & #5)

7. Install new release bearing using the two M6 x 1.00 x 25mm flanged hex screws. Position the -4AN fitting as shown in the instruction. Should be at the 12 o'clock position, use a small drop of thread locker and torque the screws to 12 ft/lbs. (Fig #6)



Fig #6



Fig #7



Fig #8

8. From the outside of the transmission, route the -4AN line and flange kit through the old slave cylinder hole and mounting surface. Attach the -4AN line to the -4AN fitting on the release bearing. Tighten line to 100 in/lbs. (inch pounds). Do not overtighten. (Fig #6; Fig #8)

9. Slide the aluminum flange over the two mounting studs where the old existing slave cylinder is attached. Tighten flange plate using the two existing nuts. (Fig #7)

10. Attach the billet aluminum coupler directly to the factory line. (Fig #7)

11. Bleeding procedure: The hydraulic system is completely empty. Priming the system is simple. Pump the clutch pedal 20-50 times to achieve pressure.

12. Double check your hydraulic lines and at the bottom of the bell housing to ensure you do not have any leaks.

Limited Warranty

McLeod Racing LLC, products are warranted to be free from defects in material and workmanship for the period of ninety (90) days, from the date of purchase. McLeod does not warrant or make any representations concerning its products when not installed and/or used strictly in accordance with the manufacturer's instructions for such; installation and operation, and in accordance with good installation and maintenance practices of the automotive industry. Products purchased used do not carry a warranty. This warranty is for the original purchaser and is non-transferable. McLeod Racing LLC will not be held liable for the labor charges and other intangible or consequent losses that might be claimed as a result of the failure of any part, nor shall it be liable for damages or injury to persons or property resulting from the misuse or improper installation of any part subject to this warranty. No merchandise may be returned for any reason unless prior return merchandise authorization number (RMA) has been obtained from McLeod. An RMA number may be obtained via www.mcleodracing.com or by calling McLeod directly. McLeod Racing LLC reserves the right to examine all parts returned for warranty claim to determine whether or not any such part has failed because of a defect in material or workmanship. McLeod's obligation under this warranty shall be limited to repairing, replacing or crediting, at its option, any part found to be defective. All products returned to McLeod for warranty inspection must be prepaid by the customer under this warranty. In a racing environment, the type of stress placed on automotive parts can vary dramatically by the type of use, driving style, track preparation, differing tire style and other variables that are out of McLeod's control. For this reason, any parts used in a racing environment shall be void of any warranty either expressed or implied. There are no other warranties, either expressed or implied including, but not limited to, warranty of merchantability, and warranty of fitness for a particular purpose which extend beyond those set forth in the preceding paragraphs. This warranty shall be interpreted and applied in accordance with California law.

For any changes or updated versions of the warrant described above, please refer to www.mcleodracing.com before installation of product.