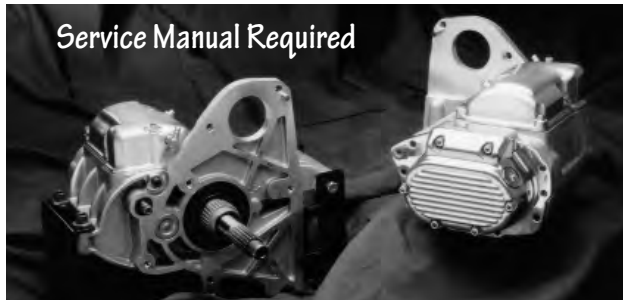




# INSTRUCTION SHEET FOR JIMS® 5-SPEED TRANSMISSIONS

## INSTRUCTION SHEET FOR TRANSMISSION KITS 8000, 8001, 8002, 8003, 8004. WITH PRECISION CUT GEARS

Thank you for purchasing one of the finest transmission assemblies available. You will need to install the clutch cable, clutch release bearing, and release pushrod by removing the screws with a 3/16" allen wrench from the side cover in order to gain access to clutch cable coupling. Install cable per Harley Davidson® Service Manual. Use the gasket for cover included with your transmission. Torque screws to Harley Davidson® specifications of 7-9 foot lbs of torque in a criss cross pattern. Transmissions are shipped complete. If your transmission has the main seal, spacer and pulley installed, disregard the information on installing pulley. The main seal will need to be installed for the final drive sprocket you will be using. If you are going to use a Harley Davidson® pulley kit No. 40210-85D, it will come with a spacer, seal, lockplate and (2) lock screws. This is the latest from Harley Davidson®. Use JIMS® Tool No.95660-85 with tool No.95660-42 seal installers to install seal. Also use JIMS® tool No. 2260 sprocket locker to block sprocket at the final torque of 110-120 foot lbs. (Not to exceed 150 foot lbs.) See service manual. JIMS highly recommends the use of our mega nut No.1708. Press bearing race No. 34091-85 on to mainshaft using JIMS® tool No. 34902-84 bearing race tool. Follow the instruction with tool. Next install 20-24 ounces of Torco 80w-90w gear oil (Supplied with trans or equivalent). Caution: JIMS® recommends synthetic oils only after your transmission has 500 or more miles, this will allow the bearings to establish a wear pattern. Change transmission lube after the first 500 miles and every 5000 miles there after.



**Service Manual Required**

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## **5-Speed Transmission Assemblies With Precision Cut Gears**

| JIMS® Part No. | (Softail Only) JIMS Case |                          | Stock Case            | (FXR Only) Delkron Case  |                       | First Gear             |                        | 7075T Trap Door  |                         | Covers                          | Hardware        | Application   |
|----------------|--------------------------|--------------------------|-----------------------|--------------------------|-----------------------|------------------------|------------------------|------------------|-------------------------|---------------------------------|-----------------|---|
|                | Black Wrinkle Finish     | Polished Aluminum Finish | Plain Aluminum Finish | Polished Aluminum Finish | Plain Aluminum Finish | Close Ratio First Gear | Stock Ratio First Gear | Chrome Trap Door | Big Bearing Chrome Door | Chrome Finish Side & Top Covers | Chrome Hardware |   |
| 8000 - Softail |                          | ✓                        |                       |                          | ✓                     | ✓                      | ✓                      | ✓                | ✓                       | ✓                               | All - See Above | <b>Note: JIMS® Softail and FXR Transmissions can be used in any year, single cam only, if used with the late starter motor, inner and outer primaries, clutch, etc...</b> |
| 8002 - Softail | ✓                        |                          |                       |                          | ✓                     | ✓                      | ✓                      | ✓                | ✓                       | ✓                               | All - See Above |   |
| 8004 - Softail |                          | ✓                        |                       |                          | ✓                     | ✓                      | ✓                      | ✓                | ✓                       | ✓                               | All - See Above |   |
| 8001 - FXR     |                          |                          |                       | ✓                        | ✓                     | ✓                      | ✓                      | ✓                | ✓                       | ✓                               | All - See Above |   |
| 8003 - FXR     |                          |                          | ✓                     |                          | ✓                     | ✓                      | ✓                      | ✓                | ✓                       | ✓                               | All - See Above |   |

**JIMS Complete Transmissions Feature a 6 Year / 60,000 Mile Warranty.**

### WARRANTY

All JIMS® parts are guaranteed to the original purchaser to be free of manufacturing defects in material and workmanship for a period of 6 year / 60,000 miles from the date of purchase. Merchandise that fails to conform to these conditions will be repaired or replaced at JIMS® option if the parts are returned within the six (6) months warranty period or within ten (10) Days thereafter.

In the event warranty service is required, the original purchaser must call or write JIMS® immediately with the problem. Some problems can be rectified by a telephone call and need no further course of action. A part suspected of being defective must not be replaced by a dealer without prior authorization by JIMS®. If it is deemed necessary for JIMS® to make an evaluation to determine whether the part is defective, it must be packaged properly to prevent further damage and be returned prepaid to JIMS® with a copy of the original invoice of purchase and a detailed letter outlining the nature of the problem, how the part was used and the circumstances at the time of failure. If after an evaluation has been made by JIMS® and the part was found to be defective, repair, replacement or credit will be granted.

#### ADDITIONAL WARRANTY PROVISIONS

1. JIMS® shall have no obligation in the event a JIMS® part is modified by person or organization.
2. JIMS® shall have no obligation if a JIMS® part becomes defective in whole or in part as a result of improper installation, improper maintenance, improper use, abnormal operation, or any other misuse or mistreatment of the part.
3. JIMS® shall not be liable for any consequential or incidental damages resulting in the failure of a JIMS® part, the breach of any warranties, the failure to deliver, delay in delivery, delivery in nonconforming condition, or for any other breach of contract or duty between JIMS® and a customer.
4. JIMS® parts are designed exclusively for use in Harley-Davidson® motorcycles. JIMS® shall have no warranty or liability obligation if JIMS® part is used in any other application.
5. Any parts or tool replaced by JIMS® becomes the property of JIMS® and will not be returned under any circumstance.

***"From the Track... To the Street!"***