

Weasler[®]

TORQUE LIMITER

SERVICE INSTRUCTIONS

TOOLS REQUIRED

Screwdriver Hammer Grease Hex Allen Wrench Set Grease Solvent





OVERRUNNING REPAIR

DISASSEMBLY:

- 1. Remove (2) setscrews from the yoke/housing.
- 2. Hold clutch with setscrew hole down so the balls can fall out as the inner hub is rotated back and forth. Remove all balls.
- 3. If balls do not come out, pour a minimum amount of solvent into the setscrew hole, then rotate the inner hub to work solvent into the grease.
- 4. Hold clutch with setscrew hole down so the balls can fall out as the inner hub is rotated back and forth.
- 5. Repeat steps 3 & 4 until all balls are removed.
- 6. Separate the disconnect driver and inner hub and remove leaf springs and overrunning keys.
- 7. Remove seal from disconnect driver.

INSPECTION:

- 1. Wipe clean and inspect steel surfaces for wear or warpage and replace if necessary.
- 2. Clean any rust from mating surfaces with a wire brush or steel wool.
- 3. Discard leaf springs, overrunning keys, seal, balls, and setscrews.

ASSEMBLY:

- 1. Apply thin film of grease to inner diameters of disconnect driver.
- 2. Fill counterbore of inner hub with grease and apply thin film of grease to ball raceway.
- 3. Assemble leaf springs into inner hub slots and fill slots with grease. Place overrunning keys into the slots.
- 4. Compress overrunning keys into slots in the inner hub and slide inner hub into the disconnect driver until it stops.
- 5. Assemble balls through the setscrew hole. (Assembling all balls may require inner hub to be rotated back and fourth.)
- 6. Assemble setscrews, making sure the inner hub can still be rotated freely in one direction.
- 7. Apply thin film of grease to seal inner diameter and assemble into disconnect driver.

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