



Weasler®

TORQUE LIMITER

SERVICE INSTRUCTIONS

I-TYPE FRICTION CLUTCH

TOOLS REQUIRED

- (2) 17 mm Box wrenches

RUN-IN & REBUILDING

RUN-IN

(Necessary for all new clutches and any clutch which has not been used for approximately 60 days.)

1. Make sure tractor is off and PTO is disengaged.
2. Disconnect drive shaft from tractor.
3. Loosen bolts on outside diameter of clutch until all bolts are just loose, then tighten all bolts one half turn.
4. Attach implement to tractor and drive shaft to tractor PTO. Stand clear of machine.
5. Start tractor. Engage PTO and run for a few seconds, or until clutch visibly smokes, then disengage PTO.
6. Make sure tractor is off and PTO is disengaged.
7. Disconnect drive shaft from tractor.
8. Tighten all bolts on outside diameter of clutch until spacers cannot be rotated by hand then back off until spacers rotate by hand.

DRIVE SHAFT REMOVAL

1. With tractor PTO disengaged and tractor off, disconnect PTO drive shaft from tractor PTO shaft.
2. Remove bolt(s) clamping clutch drive hub to implement input shaft.
3. The drive shaft with the clutch is heavy. Grasp clutch firmly with both hands and slide it off implement input shaft.

FRICTION CLUTCH REBUILDING

DISASSEMBLY:

1. Place clutch and universal joint assembly on a bench, with end of the clutch accessible.
2. Remove long bolts that hold clutch together.
3. Remove plate(s) and all internal components.
4. Discard friction discs.

INSPECTION:

5. Inspect steel and iron parts for wear, warpage or cracking and replace if necessary.
6. Clean any rust or dust from plate surfaces with a wire brush or steel wool.

ASSEMBLY:

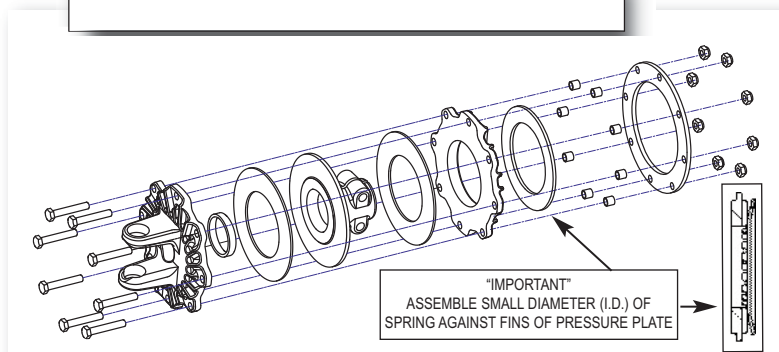
7. Place one new friction disc against yoke flange, then place hub flange against friction disc, then place other friction disc against hub flange.
8. Add pressure plate so flat surface rests on friction disc.
9. Add disc spring so spring inside diameter contacts fins of pressure plate, making sure spring is centered.
10. Install bolts then assemble the spacers on the bolts
11. Assemble compression plate then install the nuts on the bolts.
12. Tighten all bolts on outside diameter of clutch until spacers cannot be rotated by hand then back off until spacers rotate by hand.

ADJUSTMENT

1. Tighten all the bolts on outside diameter of clutch until spacers cannot be rotated by hand then back off until the spacers rotate by hand.

MOUNTING

1. Mount and clamp clutch hub onto implement input shaft. Make sure grooves of the shaft and clutch line up.
2. Reinstall any shielding that was moved or removed.
3. The clutch must be run-in before it is used. Follow the instructions for run-in of the clutch.



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