

T-3276-SL Flywheel Oil Slinger Kit Installation Instructions

1) Remove the magnets and ring gear from your flywheel. If you are going to re-use your old ring gear, mark it's position on the flywheel. You will want to rotate it by two bolt holes so that the starter bendix engages it using different ring gear teeth than when it came out. This action will extend the life of the ring gear. Be sure to install any ring gear so the tapered edge of the teeth are positioned away from the flywheel. Clean all of the parts thoroughly.

2) A standard ring gear is tapped with a very uncommon thread size - 1/4" x 24 threads per inch. We are furnishing 6mm bolts to replace the original 1/4" - 24 brass screws. We have found that 6mm metric bolts will thread into the hole tapped in the standard ring gear and will work satisfactorily. They will bind slightly as they are tightened making them more secure.

3) Place the ring gear back on the flywheel and line up the bolt holes. Use 6mm split lock washers on the 6mm bolts and insert the bolts into the flywheel loosely to make sure all the holes line up. Remove four of the 6mm bolts spaced at 90°s from each other (12 o'clock, 3 o'clock, and 9 o'clock). Place the oil slingers on the flywheel as shown in Figure 1 and using 6mm split lock washers, reinsert the 6mm bolts to hold the slingers.

4) Using the 3/8" lock washers, insert the 3/8-24x3/4" bolts into the inside end of the oil slingers as illustrated in figure 1. You do not need to put bolts in the empty holes.

5) Tighten all of the bolts, The 6mm bolts should be tightened to 13 foot pounds. The 3/8" bolts should be tightened to 35 foot pounds torque. We recommend peening or center punching the ends of the bolts to make sure they will not back out.

Your oil slingers are now installed.

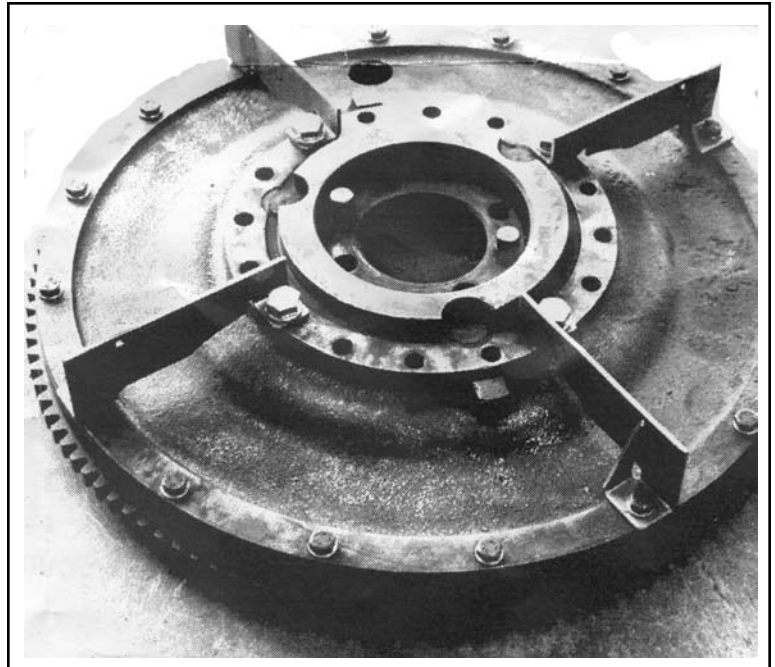


Figure 1