

Stacker Motor Kit P/N 250064028 OR Transport Motor Kit P/N 250065075

INSTALLATION GUIDE

The MEI Stacker Motor/Transport Motor Kit Installation Guide provides information explaining how to replace a stacker motor and a transport motor. The Kit consists of the following:

Qty: 1 Stacker Motor Assembly part # 250016016

Qty: 1 Transport Motor Assembly part # 250085012

Qty: 8 Stacker Assembly Screws part # 08-00-057

Qty: 8 Pushrings (Scissor Retaining Rings) part # 250029016

PROCEDURE

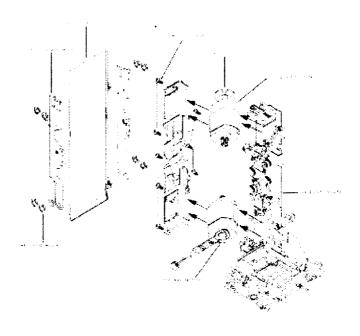


Figure 1.

Removal Of Defective Stacker Motor/Transport Motor

- 1) Remove the Pusher Plate Assembly
 - a) Place stacker assembly on its side and remove four (4) plastic retaining rings. Discard retaining rings.
 - b) Remove scissor assembly. Be careful not to disturb drive pulley position. Drive pulley(s) must be positioned flush with shaft ends.
 - c) Repeat steps a) and b) for other scissor assembly.

PROCEDURE

- 2) Open Gearbox Assembly
 - a) While applying pressure to keep the gearbox cover seated, remove the eight (8) screws securing the cover to the gearbox assembly. **Discard screws.**
 - b) With the cover still firmly seated, brush or blow away any plastic debris created by the removal of the screws. Remove cover.

 Note: Failure to prevent debris from contaminating the gearbox assembly can result in noisy operation and premature failure of the gearbox.
- Remove old stacker/transport motor assembly (See Figure 1).
 Discard motor assembly. Never attempt to remove or re-use pinion gear.

Installation of New Stacker Motor/Transport Motor

- 4) Carefully install new stacker/transport motor assembly. **Use** extreme care in handling motor assembly to avoid damaging pinion gear. Pinion should be flush with motor shaft end.
 - a) Check that the motor bearings are fully seated in the gearbox journals.
 - b) Check that there is sufficient grease between pinion and mating gear. If not, apply a small dab of grease to pinion.
 - c) Route motor assembly cable through guide features of gearbox.
 - d) Check gearbox carefully for debris.
- 5) Close gearbox assembly.
 - a) Carefully reposition gearbox cover onto gearbox.
 - b) While applying pressure to keep cover firmly seated (i.e. gearbox sealed), install eight (8) screws provided with this kit. Start with center screws and work outward.

PROCEDURE

- 6) Re-install pusher plate assembly. Check the following:
 - a) There is sufficient (but not excessive) grease between the scissor assemblies and the eccentric pins that drive them. Be sure to use **New** retaining rings (8) to secure scissor assembly to pusher plate and gearbox assembly.
 - b) Recheck position of drive wheels to verify that they are flush with shaft ends.
 - c) Check that the tach disc (located on the transport motor shaft) is fully engaged and undamaged.

Note: MEI Series 2000 bill acceptor with Flashport (Generation 2) has a 12 blade tach disc.

Note: MEI Series 2000 (Generation 1) has a 4 blade tach disc.