



Customer Support Work aid Document

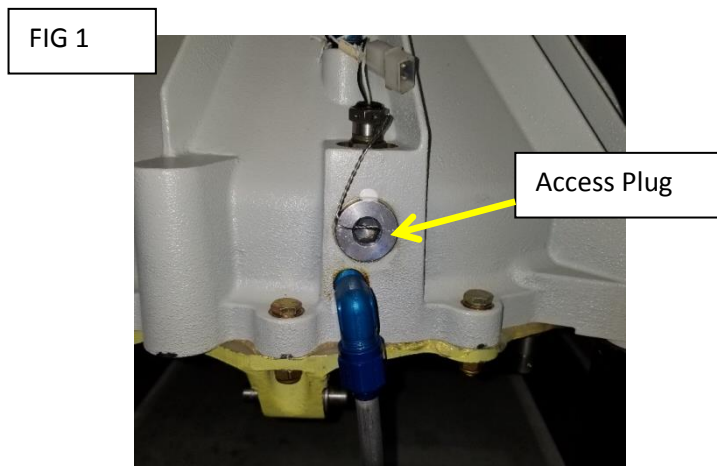
**Aircraft Series: All**  
**Effectivity:**  
**Model (S):**

**BACKGROUND:** Additional information on how to install a magnetic pick-up in a MRGB.

**PROCEDURE:** This procedure for installing the magnetic pick-up must be followed to avoid serious damage to the MRGB gears.

Procedures for Installing Magnetic Pickup in MRGB.

1. Remove left side fuel tank. (NOTE: Do not remove the fuel tank from the 480's)
2. Place the ground handling wheels in the down position.
3. Place 2 blocks (3.5 to 4.0 cm) under the skid tubes, under the forward strut attach points.
4. Place the wheels in the up position. (This will allow the oil in the gearbox to run aft and not leak out when the access plug is removed.)
5. Remove the access plug in the forward lower section of the MRGB (Fig 1)



6. Turn the gearbox until a gear tooth is directly under the center of the magnetic pick-up installation hole.
7. Insert a .030 feeler gauge through the access plug hole and screw the magnetic pick-up in until it touches the feeler gauge. Use 28-16524-( ) shims between the check nut and the top base (Fig 2) to set the final clearance between the magnetic tip of the pick-up and the gear tooth to .030 to .045 inch Fig (3). The check nut should be torqued to 70 in-lb.



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