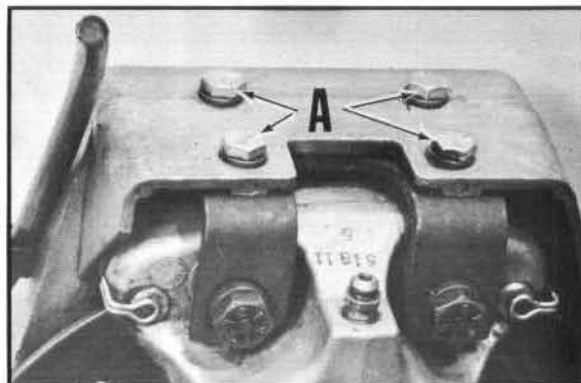
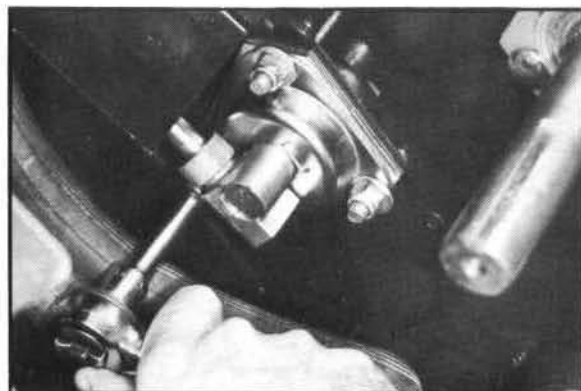
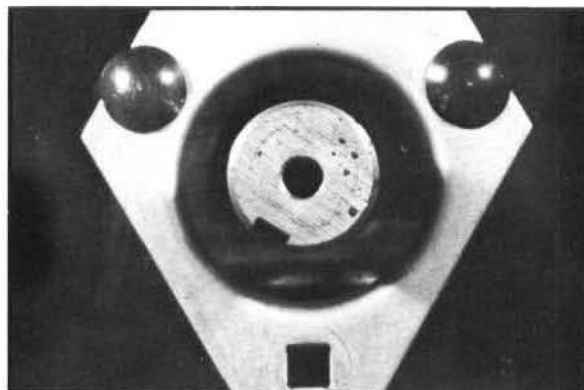


BRAKES / FINAL DRIVE Type 2 Drive System Overhaul

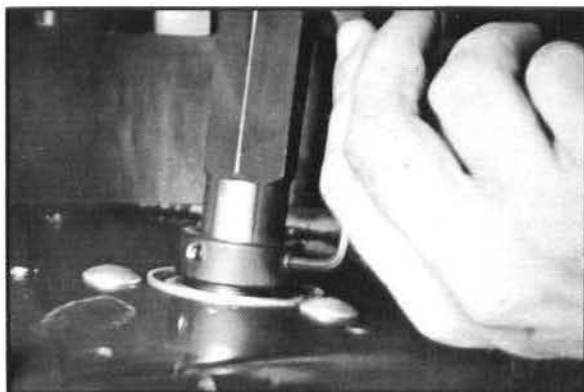
6. Install and tighten three chaincase attaching carriage bolts and locking nuts.
7. Apply Loctite to four caliper attaching bracket capscrews and finger tighten into carrier bracket. With brake applied, torque capscrews (A) to 8 ft. lbs. (1.1 kg/m).
8. Reinstall stop light switch wires.
9. Install a flange into left bearing support hole.



10. With alignment tool torqued to 6 ft. lbs. (.83 kg/m), the shaft should be centered as shown. If not, the chaincase will have to be shimmed between the bulkhead and case. Using Shim Kit PN 2200126, install shims as needed to position shaft on center.
11. Install track and front drive shaft assembly.
12. Remove jackshaft alignment tool and install top and bottom gear shims, chain and gears.
13. Tighten gear retainer bolts. Check gear alignment and chain tension.
14. Install bearing assembly onto left side drive shaft and tighten three carriage bolts.



15. Lightly rotate bearing locking collars on jackshaft and drive shaft. Tighten Allen head set screws.



BRAKES / FINAL DRIVE

Type 2 Drive System Overhaul

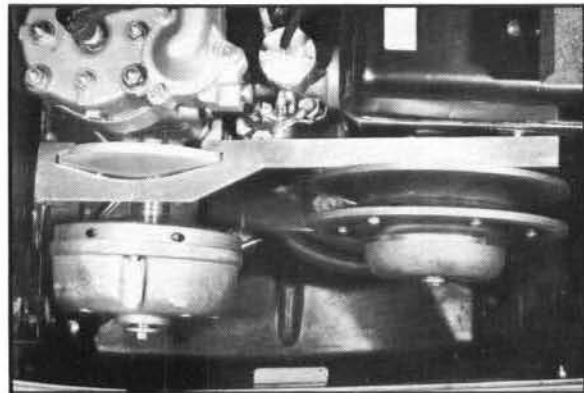
16. Add three ounces of Polaris chaincase oil into the chaincase and reinstall chaincase cover.
NOTE: One full stroke on the pump equals one ounce of oil. Polaris highly recommends the use of this oil for extended gear and chain life.

17. Install cover and fill to check plug opening.

18. Reinstall suspension. Torque suspension mounting bolts to 35-40 ft. lbs. (4.83-5.52 kg/m).



19. Reinstall air silencer, exhaust system and driven clutch. Check and adjust clutch offset. Refer to Chapter 7 for correct offset specifications and tool. **CAUTION:** If this step is not performed, bearing side loading and clutch misalignment during driven clutch bolt tightening may occur.

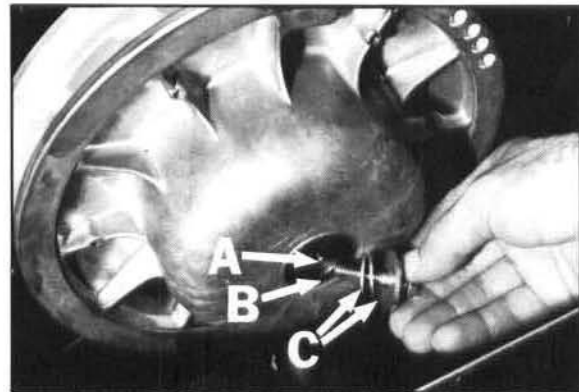


20. With driven clutch properly positioned, measure distance between alignment spacer (A) and outer edge of driven clutch hub (B). This distance must be taken up by using washer(s) PN 7555734 (C).

21. Reinstall clutch retaining bolt and torque to 12 ft. lbs. (1.66 kg/m).

22. Reinstall drive belt.

23. Reinstall hood and field test unit for proper front drive operation.



BRAKES / FINAL DRIVE Type 3 Drive System Overhaul

1. Remove hood, air silencer, exhaust system and battery, if so equipped.
2. Turn fuel valve off.
3. Remove drive belt and driven clutch. Note position of washers for controlling drive to driven offset (A) and washers to control clutch free floating (B).
4. Loosen jackshaft bearing lock collar set screw. Loosen lock collar by rotating in opposite direction of rotation.
5. Remove two upper flangette attaching bolts (A).
6. Remove three bolts securing angle drive and bearing flangettes.
7. Remove four suspension mounting bolts.
8. Place a protective mat on floor and tip machine onto left side.
9. Remove rear suspension.
10. Position track as shown and remove third jackshaft flangette attaching bolt (A).
11. Loosen drive shaft lock collar set screw and rotate lock collar.

