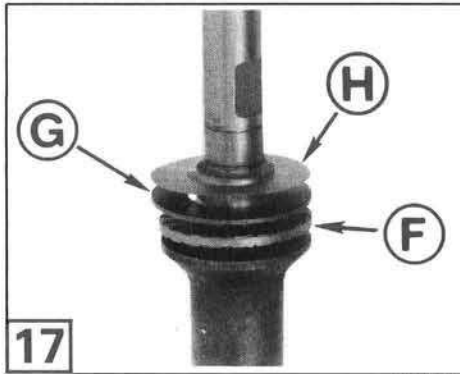
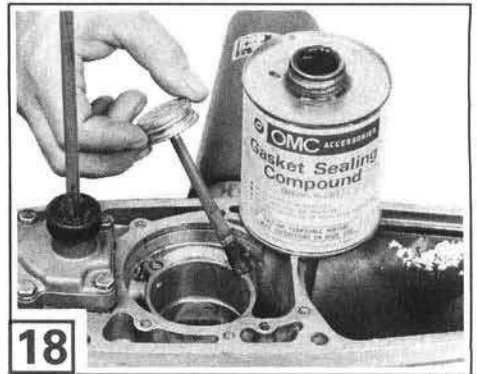


COA3569



COA3168



6208

**16** 20. Apply *OMC Gasket Sealing Compound* to the threads of the shift rod cover screws. Install the screws. Tighten the screws to a torque of 60-84 in. lbs. (7-9 N·m).

**17** 21. Position the driveshaft thrust bearing (F), thrust washer (G), and shim(s) (H) (selected earlier) on the driveshaft.

**17** **Note** Position bearing (F), washer (G), and shim(s) (H) exactly in the order shown.

**18** 22. Apply a light coat of *OMC Gasket Sealing Compound* to the gearcase area that contacts mounting flange of the bearing housing. Do not coat inside bearing housing bore surface of the gearcase.

**19** 23. Using *OMC Driveshaft Seal Protector*, P/N 318674, slide the driveshaft bearing housing onto the driveshaft.

24. Pull up on the shift rod to engage FORWARD gear. Turn the gearcase upside down by rotating the holding fixture. Be sure any excess grease is removed from the pinion needle bearings. Degrease inside taper of the pinion. Position the pinion in the gearcase.

25. Degrease the driveshaft taper and install the driveshaft.

26. Lightly coat the threads of the pinion nut with outboard lubricant and install on the driveshaft. Turn the driveshaft by hand to engage the nut.

**20** 27. Turn the gearcase right side up. Using *OMC Driveshaft Socket*, P/N 311875, and *OMC Pinion Nut Holder*, P/N 334455, torque the pinion nut to 70-80 ft. lbs. (90-108 N·m).

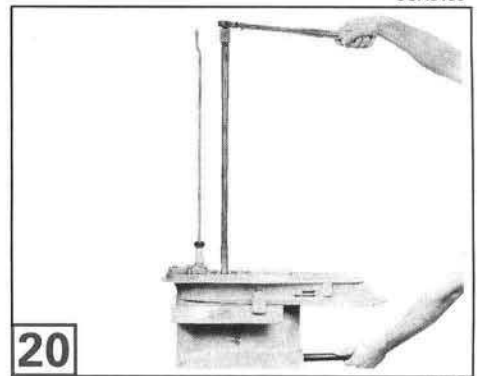
**Note** Overtorquing or undertorquing the pinion nut will reduce pinion life. Do not reuse damaged pinion nuts.

**21** 28. Position the washers on the driveshaft bearing housing screws. Apply *OMC Gasket Sealing Compound* to the threads of the screws. Install and tighten screws to a torque of 168-192 in. lbs. (19-22 N·m).

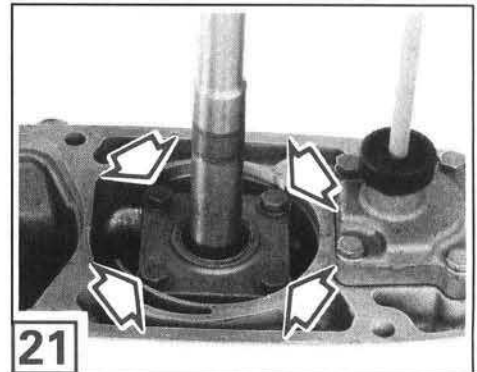
**22** 29. Oil, then install the thrust bearing (J) and thrust washer (I) on the hub of the reverse gear.



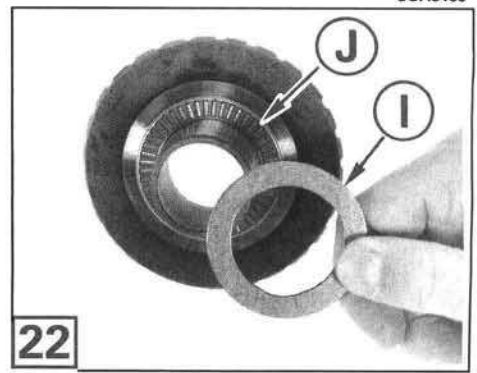
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