MID UNIT

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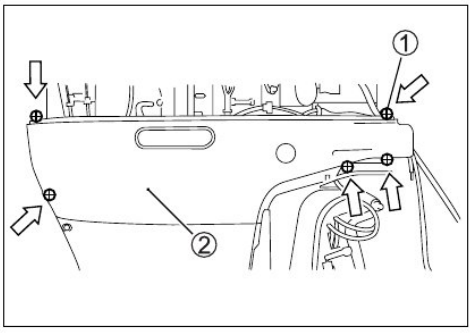
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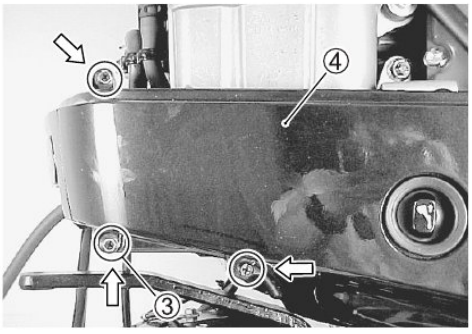
ENGINE SIDE COVER

REMOVAL

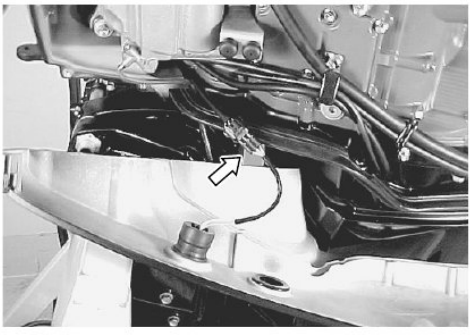
Remove five (5) screws ① and STBD side cover ②.



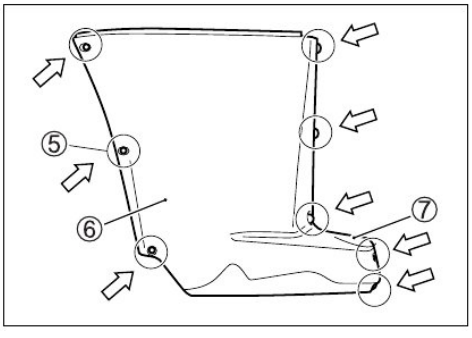
Remove three (3) screws ③ and PORT side cover ④.



Disconnect PTT switch lead connector.



Remove eight (8) screws ⑤ and STBD/PORT oil pan covers ⑥/⑦.



INSTALLATION

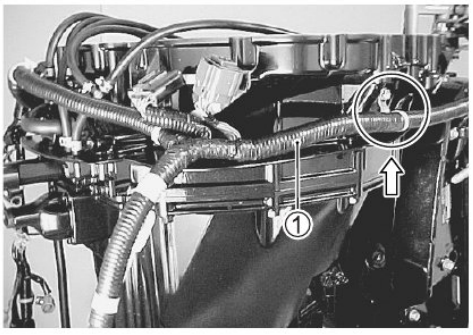
Installation is reverse order of removal.

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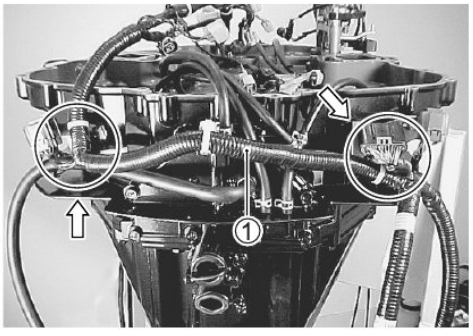
DRIVESHAFT HOUSING AND OIL PAN

REMOVAL

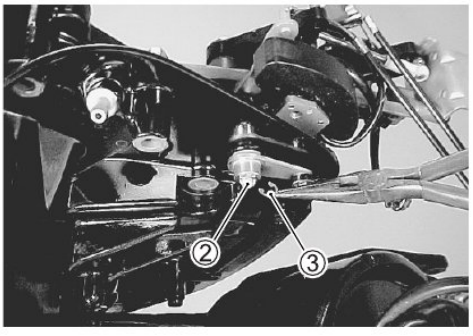
Remove power unit. (See page 6-12 to 6-18.)
Remove lower unit. (See page 9-2.)



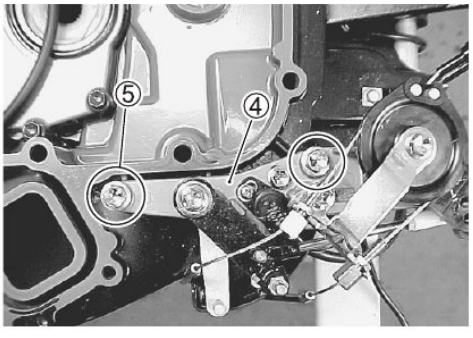
Remove the bolts securing harness clamp plates to engine holder, then remove the engine wiring harness ①.



Remove E-ring ③ from clutch lever shaft ②.



Remove two (2) bolts ⑤ and throttle lever holder ④.

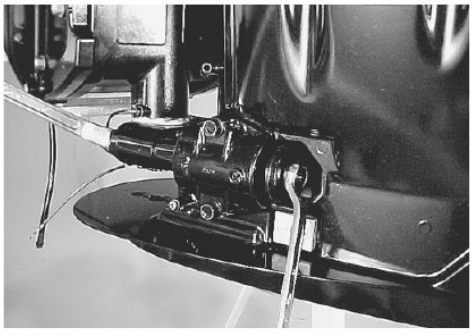


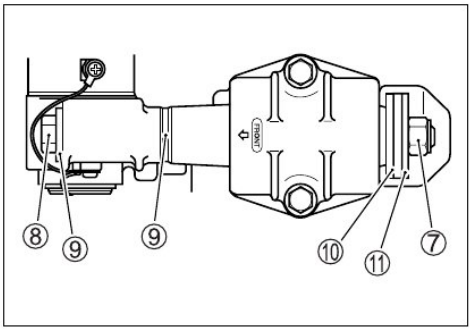
Remove screw and bonding wire ⑥ from driveshaft housing.



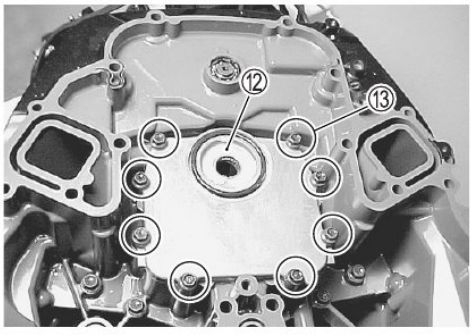
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Remove STBD/PORT lower mount nuts ⑦ and lower mount bolts ⑧.
Account for washers ⑨, dampers ⑩ and washer ⑪.

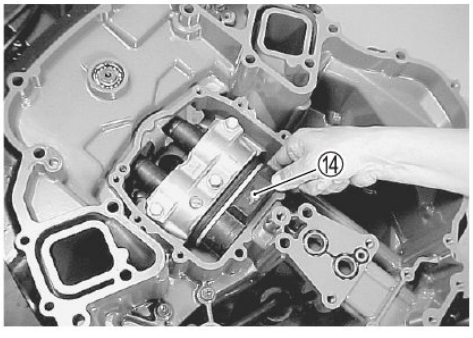




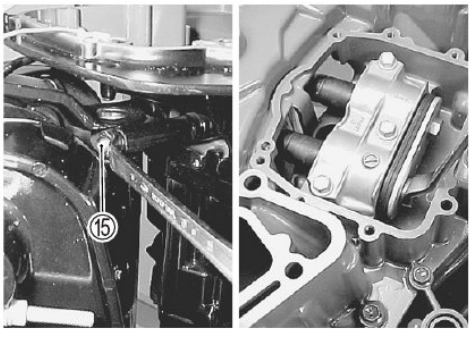
Remove eight (8) bolts ⑬ and the mount·oil seal cover ⑫.
Account for two (2) dowel pins.



Remove thrust mount ⑭.

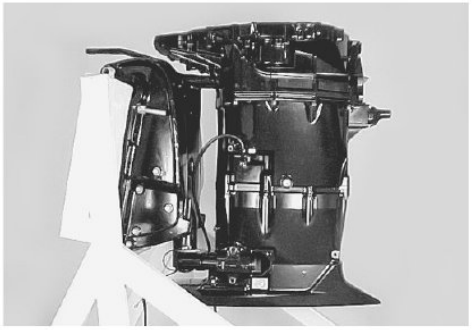


Remove STBD/PORT upper mount nuts ⑮ and washers.

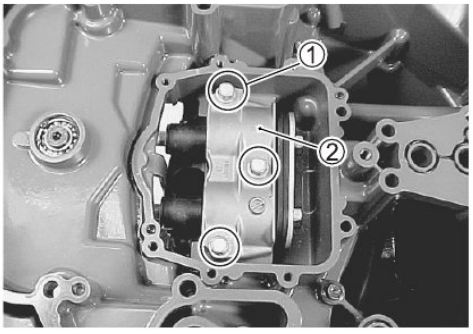


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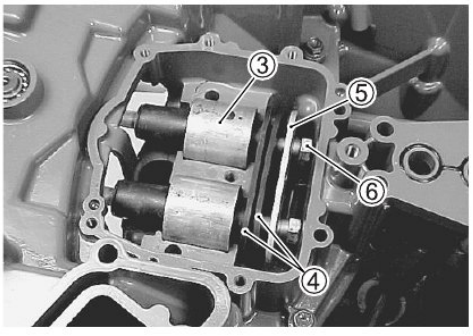
Remove driveshaft housing with oil pan.



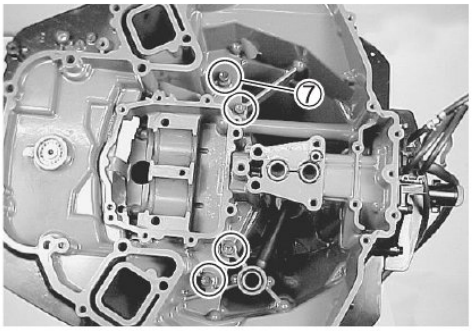
Remove three (3) bolts ① and upper mount cover ②.



Remove upper mounts ③, thrust stoppers ④, mount plate ⑤ and mount bolts ⑥.

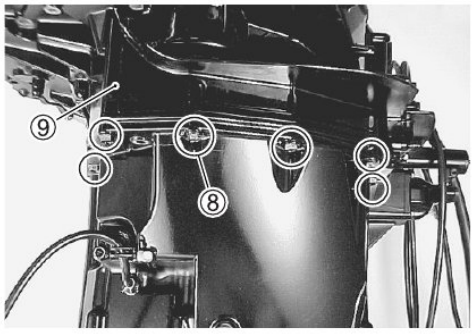


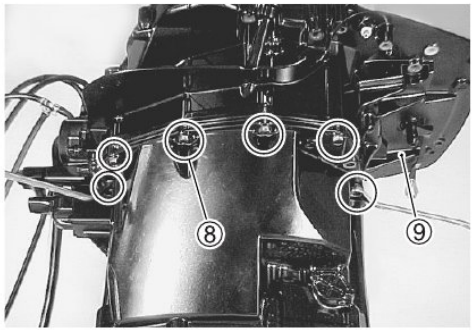
Remove four (4) exhaust tube bolts ⑦.



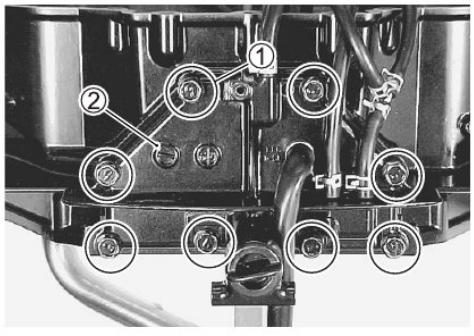
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Remove twelve (12) bolts ⑧ and engine holder ⑨.

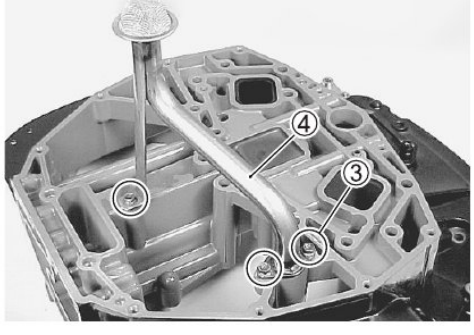




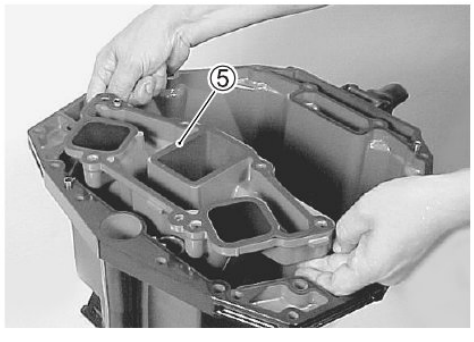
Remove eight (8) bolts ① and engine holder cover ②.



Remove three (3) bolts ③ and oil strainer ④.

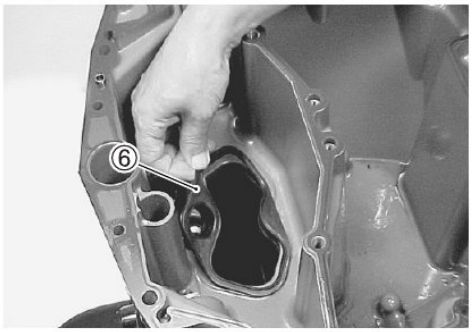


Remove the exhaust tube ⑤.



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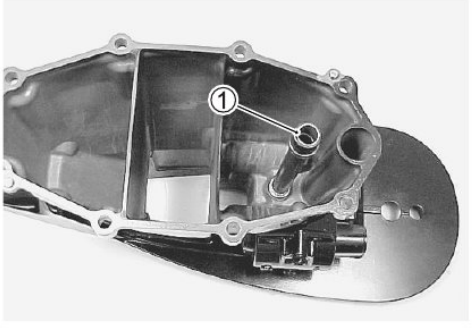
Remove the exhaust tube seal ⑥ from oil pan.



Remove eight (8) bolts ① and oil pan ②.

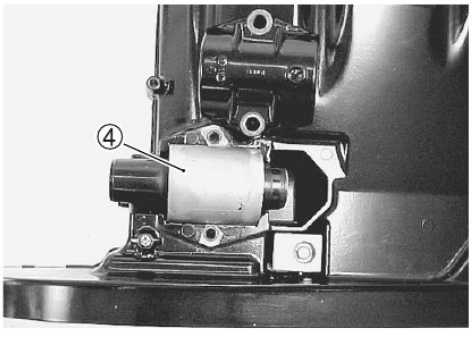


Remove water tube ①.



Remove bolts ②, lower mount cover ③ and lower mounts ④.





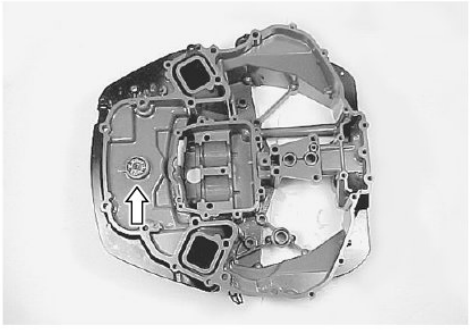
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INSPECTION

NOTE:
If any component is found to be excessively worn, cracked, defective or damaged in any way, it must be replaced.

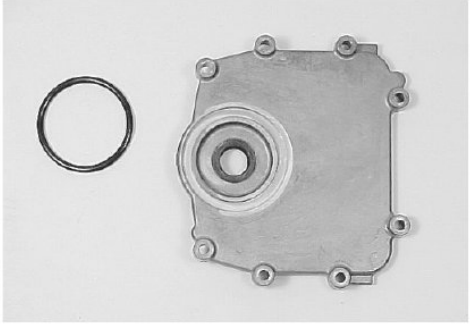
ENGINE HOLDER

- Inspect engine holder. Replace if cracked, damaged, or other abnormal condition.
- Check water passage. If clogged or obstructed, clean water passage.
- Visually check the clutch shaft bearing. Replace if pitted, noisy, rough or other abnormal condition.

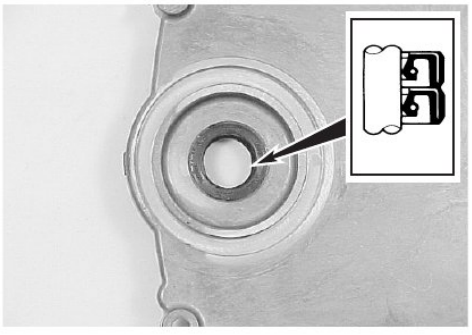


MOUNT·OIL SEAL COVER

- Inspect mount·oil seal cover. Replace if cracked, damaged or other abnormal condition.
- Check condition of O-ring. Replace O-ring if nicked, cut, worn or other abnormal condition.
- Check condition of oil seal. Replace oil seal if nicked, cut, worn or other abnormal condition.



NOTE:
Install oil seal with lip (spring side) facing downward (oil pan side).



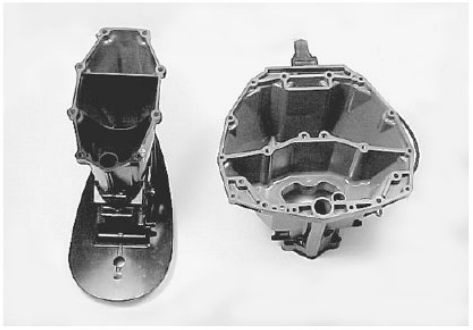
OIL STRAINER

- Inspect oil strainer. Replace if cracked, damaged or other abnormal condition.
  If clog or obstruction, clean oil strainer.
- Check condition of O-ring. Replace O-ring if nicked, cut, worn or other abnormal condition.

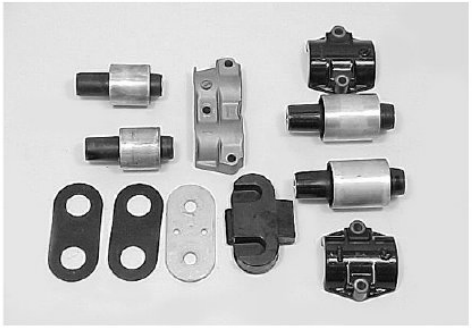


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OIL PAN/DRIVESHAFT HOUSING
Check oil pan, driveshaft housing.
If cracks, defects or other damage is found, replace it.



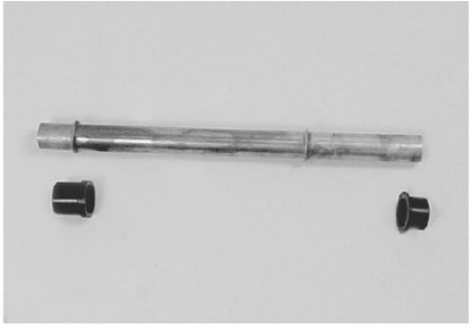
MOUNT
- Check upper, lower and thrust mounts.
  If excessive wear, corrosion or other damage is found, replace mount.
- Inspect mount cover. Replace if cracked, damaged or other abnormal condition.



EXHAUST TUBE/SEAL
- Inspect exhaust tube. Replace if cracked, damaged or other abnormal condition.
- Check water passage. If clogged or obstructed, clean water passage.
- Check exhaust passage. If clogged or obstructed, clean exhaust passage.
- Check exhaust tube seal. If excessive wear or other damage is found, replace seal.



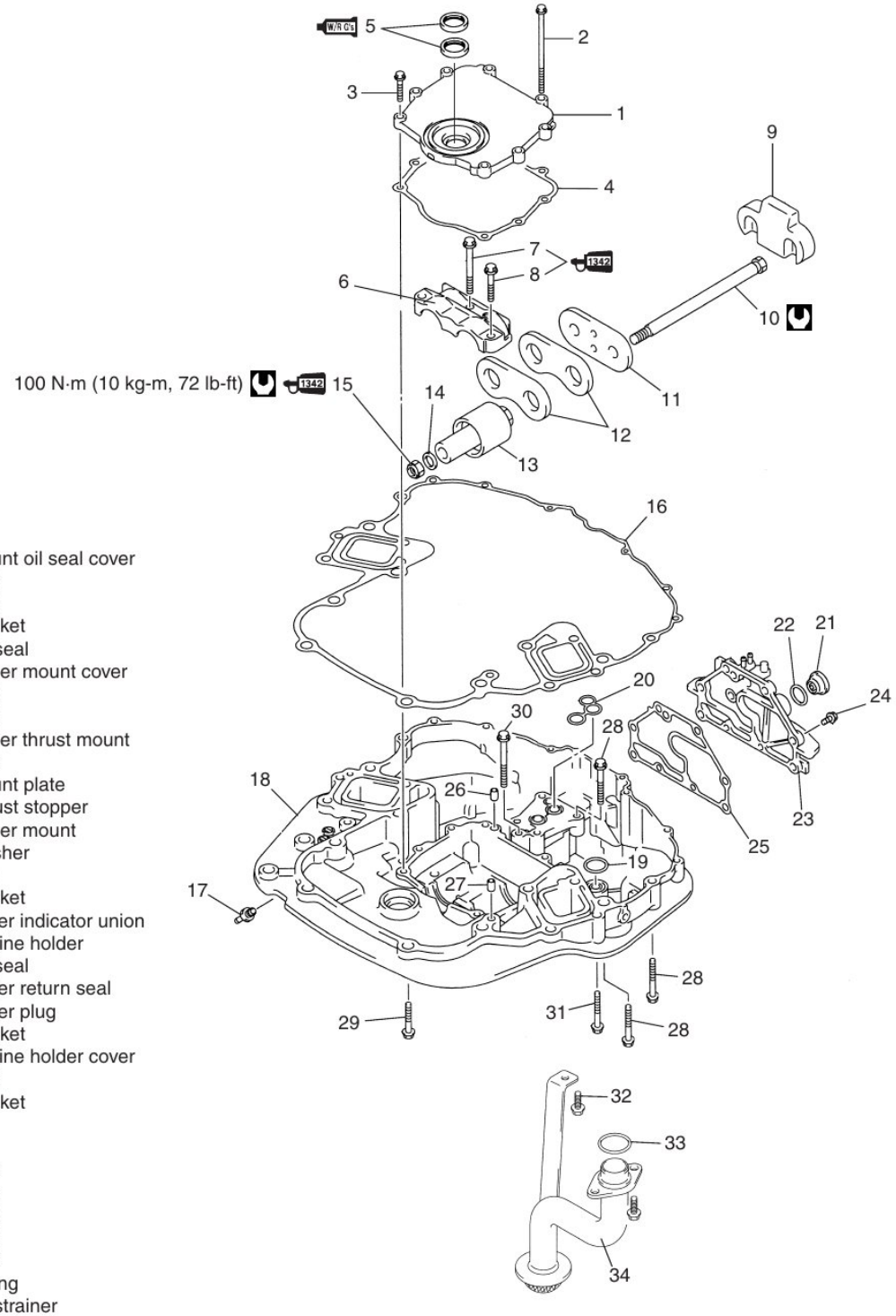
WATER TUBE
- Check water tube.
  If a clog or obstruction is found, clean water tube.
  If cracks, corrosion or other damage is found, replace water tube.
- Check water tube grommet.
  If excessive wear or other damage is found, replace grommet.



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ASSEMBLY

Assembly is reverse order of removal with special attention to the following steps.



1. Mount oil seal cover
2. Bolt
3. Bolt
4. Gasket
5. Oil seal
6. Upper mount cover
7. Bolt
8. Bolt
9. Upper thrust mount
10. Bolt
11. Mount plate
12. Thrust stopper
13. Upper mount
14. Washer
15. Nut
16. Gasket
17. Water indicator union
18. Engine holder
19. Oil seal
20. Water return seal
21. Water plug
22. Gasket
23. Engine holder cover
24. Bolt
25. Gasket
26. Pin
27. Pin
28. Bolt
29. Bolt
30. Bolt
31. Bolt
32. Bolt
33. O-ring
34. Oil strainer

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