

Gear Case Oil Change BF2~BF30

Change the gear case oil with the engine stopped and the outboard in the vertical position. We suggest wearing nitrile gloves to protect your hands and facilitate clean-up.

1. Place a suitable container below the oil drain hole to catch the used oil. Remove the oil drain plug first, and then remove the oil level plug.

Note: Be sure to use the proper tool when removing the oil drain and oil level plugs. If a normal screwdriver will not loosen the plugs, an impact driver should be used. The screwdriver blade should be a minimum of 10 mm x 1.5 mm to prevent damage to the drain and level plugs. Some plugs may have a Phillips head. Use a #3 Phillips bit, not a #2.

2. Allow the used oil to drain completely.

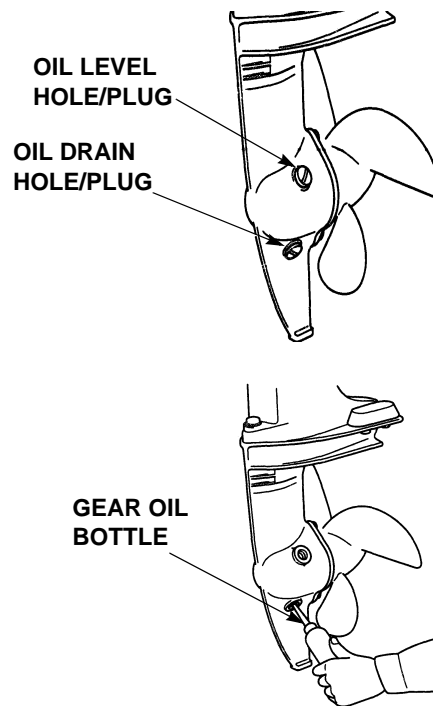
If water or contaminated (milky-colored) oil flows out the drain hole when the plug is removed, or the oil is black and smells burned, have the outboard motor checked by an authorized Honda Marine dealer.

NOTICE

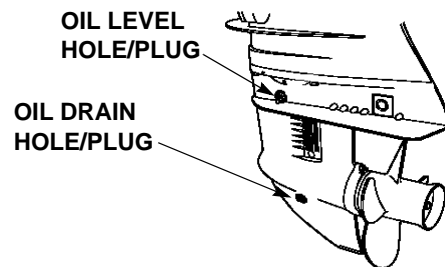
Improper disposal of gear case oil can be harmful to the environment. If you change your own oil, please dispose of the used oil properly. Put it in a sealed container, and take it to a recycling center. Do not discard it in a trash bin, dump it on the ground, or pour it down the drain.

3. BF25/BF30: Wipe the magnet end of the oil drain plug on a clean shop towel and check for metal particles. There will be a small amount of very fine metal shavings, which is acceptable. If there are metal chips on the magnet end of the oil drain plug, have the outboard motor checked by an authorized Honda Marine dealer.
4. Install a gear oil pump or gear oil bottle in the oil drain hole.

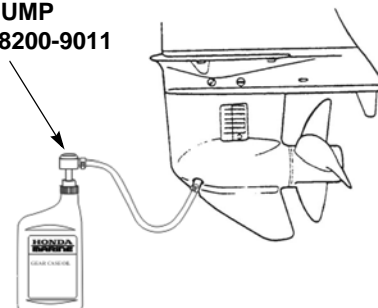
BF2, BF20 (2 HP)



BF5~BF30



GEAR CASE OIL PUMP P/N 08200-9011



Gear case oil capacity in ounces	BF2A BF20 BF2D	BF5A	BF75 BF8A BF100	BF(P)8D BF(P)9.9D BF(P)15D BF(P)20D	BF9.9A BF15A	BF25A BF30A	BF25D BF30D
	1.7	3.4	7.8	9.6	8.1	9.8	9.1
Recommended gear case oil	Honda Outboard Motor Lower Unit Gear Case Oil (P/N 08739-90W) or Marine SAE 90 Hypoid Gear Oil API Service Classification GL-4 or GL-5						



5. Add oil through the oil drain hole until it flows out the oil level hole, filling the gear case from the bottom up to the top. Install the oil level plug and a new O-ring or sealing washer in the oil level hole and tighten.
6. Remove the oil pump/oil bottle and quickly install the oil drain plug with a new O-ring or sealing washer. A slight amount of gear oil will be lost when installing the plug. This is normal.
7. Tighten the oil drain plug and oil check plug securely.

TORQUE: 3.5 N•m (0.35 kgf•m, 2.6 lbf•ft) (all models)

8. Remove any oil residue on the outboard motor using Contact/Brake Cleaner (P/N 08732-CBL49).