



P/N - 20908 Honda/Acura 1.6L Oil Pan
P/N - 24016/24017 Oil Pump Pickups

These Instructions are a basic guideline and some descriptions may not apply to all vehicles. Always consult the proper Service Manual for complete instructions.

1. Make sure vehicle is in Park and on a level surface, emergency brake on, chock wheels and jack up vehicle, use approved jack stands for safety. Or, put car safely on a lift.
2. Drain oil from pan and disconnect the oxygen sensor from the lower exhaust if equipped. Remove the lower splash shield, lower exhaust and hanger, and transaxle brackets and dust cover. Remove oil pan from engine.
3. Remove the factory oil pump pickup. Save the mounting hardware and clean thoroughly. Also at this time, scrape any old gasket material from engine block and oil pump flange.
4. Install the new Moroso Oil Pump Pickup, P/N 24016 for Acura Integra or P/N 24017 for Honda Civic and CRX Si, with the new oil pump pickup gasket supplied. Install the mounting hardware and torque to manufacturer specifications, flange nuts to 17 lb.-ft. or 24 N•m, and torque pickup bracket bolts to 8 lb.-ft. or 11 N•m (96 in.-lbs.). Always refer to the proper service manual for correct torque ratings.
5. Using supplied mounting studs, apply Loctite 242 (or equivalent) on the threaded end that screws into engine block. Thread these studs approximately 3/8" into the engine block.
6. Thoroughly clean the new Moroso Oil Pan, especially on the rail sealing area. Install a new Honda/Acura oil pan gasket to the oil pan rail using RTV (or equivalent) to hold the gasket firmly in place.
7. Install new Moroso Oil Pan using a slight "rocking" motion. DO NOT USE FORCE. Secure to engine using supplied nuts and tighten in an X-pattern starting from the center outward. Torque these nuts to 9 lb.-ft. or 12 N•m (108 in.-lb.).
8. Reinstall the transaxle dust cover and brackets, lower exhaust and hanger, and lower splash shield. Reconnect the oxygen sensor. (The transaxle dust cover may need to be trimmed to clear oil pan hardware).
9. Place copper washer onto magnetic drain plug and install. Do not overtighten.
10. The upper 1/2" NPT Bung is for a turbo drain and the lower 1/2" NPT Bung is used for a temperature sending unit. It is recommended that a -10 AN or larger line be used for a turbo drain line. If any of these fittings are not being used, they should be blocked off with the provided plugs and a Teflon pipe sealant.
11. Refill with fresh oil to the proper level on the dipstick and check for leaks. The Moroso Oil Pan holds approximately 5.5 quarts of oil.

**For Technical Assistance, Call Moroso's Tech Line at
(203) 458-0542, 8:30am – 5:00pm Eastern Time**

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