



TURBOCHARGER INSTALLATION GUIDE

IMPORTANT NOTE: You are urged to refer to a suitable service manual before attempting to install this unit. If you do not have such a manual, or lack experience, you should seek the services of a qualified technician.

REMOVAL

1. Disconnect the negative battery terminal. Before disconnecting cable, retrieve and record any trouble codes using an appropriate scan tool. Refer to the vehicle service manual for the detailed procedure.
2. Disconnect the exhaust pipe and the air inlet pipe.
3. Remove the oil drain tube bolts.
4. Remove the oil supply line. Be careful not to bend any hard oil supply lines, as loosening of any hardened material can be detrimental to the operation of the replacement turbo.
5. Disconnect the turbo discharge duct from the turbocharger/intake manifold and/or intercooler.
6. Remove the turbocharger mounting bolts and then remove the turbocharger. If the new turbocharger is not going to be installed immediately, cover the intake opening to prevent anything from falling into the manifold.
7. Remove the old gaskets and clean the mating surface.



(Installation on back)



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INSTALLATION

1. **WARNING:** DO NOT USE ANY OF TYPE OF LIQUID GASKET MATERIAL ON THE INLET, DISCHARGE OIL FITTINGS OR GASKETS.
2. Ensure the replacement unit visually matches the original unit. Pay particular attention to the “clocking” position of the inlet housing in relation to the mounting flange. Some models are are staked and can only be indexed one way. On some models, loosening the band clamps and/or locking bolts allows the inlet and exhaust housings to be rotated. If the unit must be adjusted, use care to ensure the housing remains flat against center cartridge when tightening the locking clamp or bolts. After tightening, check to verify the turbine/compressor wheel still rotates freely.
3. Install a new gasket and apply anti-seize compound to the mounting studs.

NOTE: Turbocharger application with pedestal mounting style, the oil inlet is situated at the base of the turbocharger/pedestal. This oil inlet hole must be used to lubricate the unit and must be done prior to mounting the unit on the vehicle.

4. Install the turbocharger and torque the mounting nuts to manufacturers’ torque specification.



(Removal on back)