

MAZDA PROTEGE PARTIAL TURBO KIT

MAZDASPEED MOTORSPORTS DEVELOPMENT has now released a motorsports partial turbo kit for the 2001-2003 Protege 2.0l. The parts that are included in this partial turbo kit are the same parts which power our popular MAZDASPEED Protege. As a partial turbo kit, this only includes the necessary turbo items, but leaves cooling, inter cooling, exhaust and engine management up to the racer.

The items included in the partial turbo kit include:

- PRIMARY TURBOCHARGER AND EXHAUST MANIFOLD ASSEMBLY
- EXHAUST MANIFOLD GASKET
- EXHAUST MANIFOLD HEAT SHIELD
- UPPER RADIATOR HOSE
- LOWER RADIATOR HOSE
- WATER RETURN ELBOW
- BOOST CONTROL HOSE ASSEMBLY
- TURBO WATER FEED SOURCE ASSEMBLY
- OIL DRAIN INSERT
- NECESSARY SCREWS, GASKETS AND HARDWARE



ITEMS NOT COVERED IN THE INSTALLATION GUIDELINES OF THIS PARTIAL MOTORSPORTS TURBOCHARGER KIT ARE ASSUMED THE RESPONSIBILITY OF THE INSTALLER AND INCLUDE:

- FINAL EXHAUST SYSTEM O2 SENSOR AND CATALYTIC CONVERTER INSTALLATION, (IF APPLICABLE TO YOUR RACING CLASS).
- REINSTALLATION OF THE AIRBOX OR INTAKE/AIR CLEANER SYSTEM
- INLET AIR DUCTING BETWEEN THE MAF SENSOR AND COMPRESSOR INLET.
- AIR DUCTING BETWEEN THE COMPRESSOR OUTLET AND THROTTLEBODY (OR INTERCOOLING CONNECTIONS).
- INTERCOOLER DESIGN AND MATCH, AND FITMENT REQUIREMENTS
- AIR BYPASS VALVE INSTALLATION.
- WASTEGATE (BOOST) CONTROLLER
- SECURING OF THE CANISTER PURGE SOLENOID.
- SECURING OF REVERSE LIGHT CONNECTOR.
- CANISTER PURGE CHECK VALVE INSTALLATION.
- PCM/ECU CHANGES (SPARK AND FUEL MANAGEMENT CONTROL).
- REINSTALLATION OF THE STRUT TOWER BRACE.
- OIL AND WATER COOLING MODULES, FANS AND SYSTEM.
- INTERNAL ENGINE DESIGN/COMPONENTS (DEPENDING ON MOTORSPORTS APPLICATION/RULES)
- DRIVE TRAIN (CLUTCH, PRESSURE PLATE, ETC.) REQUIREMENTS
- PROPER TUNING OF PCM/ECU FOR TURBOCHARGED APPLICATION BY A COMPETENT MOTORSPORTS TUNER.

Download [Full Instructions](#) in pdf format.

NOTE: THIS TURBOCHARGER KIT IS FOR OFF ROAD USE ONLY AND NOT FOR EMISSION CONTROLLED ON HIGHWAY PASSENGER CAR VEHICLES.

REQUIREMENTS:

A COMPLETE WORKING KNOWLEDGE OF THE AUTOMOBILE IS ASSUMED AS WELL AS GOOD MECHANICAL AND FABRICATION TECHNIQUES AND RESOURCES. THE FOLLOWING GUIDELINE INSTRUCTIONS INCLUDES DETAIL ON VEHICLE DISASSEMBLY AND PREPARATION FOR RECEIPT OF THE PRIMARY TURBOCHARGER ASSEMBLY WITH ITS REQUISITE LUBRICATION AND COOLING PROVISIONS.

NOTE:

NECESSARY ELEMENTS REQUIRED TO COMPLETE THE MOTORSPORTS INSTALLATION SUCH AS: EXHAUST SYSTEM CONNECTIONS, TURBOCHARGER DUCTING, ENGINE MANAGEMENT CONTROL, AND PROPER COOLING SYSTEM MODULES HAVE NOT BEEN ACCOUNTED FOR IN THESE INSTRUCTIONS AND ARE LEFT TO THE DISCRETION OF THE KNOWLEDGABLE MOTORSPORTS FABRICATOR, TUNER AND END USER. *INSTALLATION OF THE TURBO OIL DRAIN INSERT REQUIRES A FAIR DEGREE OF COMPETENCE IN MACHINING AND **WELDING OF ALUMINUM**. DO NOT ATTEMPT TO PERFORM THIS TASK, IF YOU ARE LACKING IN THE NECESSARY EQUIPMENT OR SKILLS.*

PLEASE READ AND UNDERSTAND THE ENTIRE INSTRUCTION MANUAL BEFORE PROCEEDING. THIS WILL HELP YOU UNDERSTAND THE DEGREE OF DIFFICULTY AND WILL GIVE YOU INSIGHT TO THE TOOLS AND SUPPLIES NECESSARY TO SUCCESSFULLY COMPLETE THE JOB.