

SERVICE BULLETIN

APPLICABILITY ALL SUBARU FULL-TIME AWD MODELS **DATE** 4/27/95
SUBJECT: STATE EMISSION TESTING

! WARNING

Testing of an All-Wheel Drive Vehicle must never be performed on a single two-wheel dynamometer. Attempting to do so will result in uncontrolled vehicle movement and may cause an accident or injuries to persons nearby.

! CAUTION

Resultant vehicle damage due to improper testing is not covered under the SUBARU Limited Warranty and is the responsibility of the STATE I/M Program or its contractors or licensees.

The 1990 Clean Air Act Amendments require the Environmental Protection Agency (EPA) to implement programs to reduce air pollution from motor vehicles. States are required to adopt either a "basic" or "enhanced" vehicle Inspection/Maintenance (I/M) Program depending on the severity of their air pollution problem. The "enhanced" I/M test simulates actual driving conditions on a dynamometer and permits more accurate measurement of tailpipe emissions than the "basic" I/M test which measures emissions only during engine operating conditions at idle and 2500 RPM. The "enhanced" I/M test also includes a pressure check to identify evaporative emissions leaks in the fuel system.

The U.S. EPA has exempted SUBARU Full-Time All-Wheel Drive (AWD) vehicles from the following performance warranty short tests:

- Loaded Test
- Idle Test With Loaded Preconditioning

State I/M Programs should test affected SUBARU AWD models using any other EPA-91 approved performance warranty short test. SUBARU models equipped with the AWD feature should be tested on a four-wheel drive dynamometer or the State I/M Program may elect to use a "double two-wheel dynamometer" arrangement. Under no circumstances should the rear wheels be jacked off the ground, nor should the driveshaft be disconnected for I/M testing.

For vehicles with the Traction Control System (TCS), the TCS off switch on the dash must be placed in the "off" position after starting the engine, but prior to any testing on the dynamometer.

CAUTION

VEHICLE SERVICING PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS.

Subaru Service Bulletins are intended for use by professional technicians ONLY. They are written to inform those technicians of conditions that may occur in some vehicles, or to provide information that could assist in the proper servicing of the vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do the job correctly and safely. If a condition is described, DO NOT assume that this Service Bulletin applies to your vehicle, or that your vehicle will have that condition. Impreza is a Trademark and Legacy, Justy, Loyale and Subaru SVX are Registered Trademarks.

Listing of 1987-1996 Model Subaru Full-Time 4WD and All-Wheel
Drive Vehicles

Model Year	Subaru Model Description
1987	3 Door RX F4WD Turbo 4 Door RX/GL10 F4WD Turbo (M/T model only) XT GL-10 F4WD Turbo
1988	3 Door RX F4WD Turbo 4 Door GL-10/RX F4WD Turbo Station Wagon GL-10 F4WD Turbo XT6 F4WD
1989	3 Door RX F4WD Turbo 4 Door RX/GL-10 F4WD Turbo Station Wagon GL-10 F4WD Turbo Station Wagon GL F4WD Turbo (A/T model only) Touring Wagon GL-10 F4WD Turbo XT6 F4WD XT GL F4WD (A/T model only)
1990	Loyale 3 Door RS F4WD Turbo Loyale 4 Door Sedan F4WD Turbo Loyale Station Wagon F4WD Turbo Loyale Touring Wagon F4WD Turbo Legacy Sedan F4WD Legacy Station Wagon F4WD Legacy Touring Wagon F4WD XT6 F4WD
1991	Legacy Sedan F4WD Legacy Sedan F4WD Turbo Legacy Station Wagon F4WD XT6 F4WD
1992	Legacy Sedan F4WD Legacy Sedan F4WD Turbo Legacy Station Wagon F4WD Legacy Station Wagon F4WD Turbo SVX F4WD
1993	Legacy Sedan AWD Legacy Sedan AWD Turbo Legacy Station Wagon AWD Legacy Station Wagon AWD Turbo SVX AWD Impreza Sedan AWD Impreza Compact Wagon AWD
1994	Legacy Sedan AWD Legacy Sedan AWD Turbo Legacy Station Wagon AWD Legacy Station Wagon AWD Turbo SVX AWD Impreza Sedan AWD Impreza Compact Wagon AWD

Model Year	Subaru Model Description
1995	Legacy Sedan AWD Legacy Station Wagon AWD Legacy Outback Wagon AWD SVX AWD Impreza Sedan AWD Impreza Compact Wagon AWD Impreza Outback Wagon AWD
1996	Legacy Sedan AWD Legacy Station Wagon AWD Legacy Outback Wagon AWD SVX AWD Impreza Sedan AWD Impreza Compact Wagon AWD Impreza Outback Wagon AWD

Listing of Traction Control System Equipped Models

Model Year	Subaru Model Description
1995	Legacy Sedan Legacy Station Wagon
1996	Legacy Sedan