

ATTENTION:

GENERAL MANAGER PARTS MANAGER
CLAIMS PERSONNEL SERVICE MANAGER

IMPORTANT - All Service Personnel Should Read and Initial



SERVICE BULLETIN

APPLICABILITY: SRS Airbag-Equipped Vehicles
SUBJECT: Airbag Procedures

NUMBER: 17-02-95R
DATE: 3-27-01

IMPORTANT: WHEN SERVICING THE SRS AIRBAG SYSTEM, ALWAYS FOLLOW THE SERVICE PROCEDURES, PRECAUTIONS, AND WARNINGS INDICATED IN THE APPROPRIATE SUBARU SERVICE MANUALS AND RELATED SERVICE BULLETINS. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY AND/OR DAMAGE TO THE SYSTEM.

FRONT SENSOR(S) (If Applicable)

INSPECTION STANDARD:

- Check the front section for damage, regardless of whether or not the airbag deployed; or
- The designated trouble code is outputted during self- diagnosis. Please refer to the diagnostics section in the appropriate service manual for further information.

REPLACE THE FRONT SENSOR(S) IF ONE OR MORE OF THE FOLLOWING CONDITIONS EXIST:

- Airbag is deployed.
- Bracket is cracked, deformed, or damaged in any manner.
- The housing is cracked, deformed, or damaged in any manner.
- The label that identifies the manufacturing number is peeling off or deteriorated.
- Harness circuit is broken, wire core is exposed, corrugated tubing is cracked, etc.
- Front sensor is dropped to the floor or ground.
- Front sensor had been determined to be faulty during self-diagnosis.

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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.

AIRBAG MODULE (DRIVER'S AND/OR PASSENGER'S)

INSPECTION STANDARD:

- The vehicle is damaged in a collision, regardless of whether or not the airbag deployed; or
- The designated trouble code is outputted during self diagnosis. Please refer to the diagnostics section in the appropriate service manual for further information.

REPLACE THE AIRBAG MODULE IF ONE OR MORE OF THE FOLLOWING CONDITIONS EXIST:

- The Airbag is deployed.
- The pad surface is scratched, cracked, deformed, or damaged in any manner.
- The harness and/or connector is cracked or deformed, their circuits are broken, wire core is exposed, etc.
- The mounting bracket is cracked, deformed, or damaged in any manner.
- The mounting surface has been fouled with a foreign matter such as oil, grease, water, cleaning solvent, etc.
- The airbag module has been dropped to the floor or ground.
- The airbag module had been determined to be faulty during self-diagnosis.

AIRBAG CONTROL MODULE

INSPECTION STANDARD:

- The vehicle is damaged in a collision, regardless of whether or not the airbag deployed; or
- The designated trouble code is outputted during self-diagnosis. Please refer to the diagnostics section in the appropriate service manual for further information.

REPLACE THE AIRBAG CONTROL MODULE IF ONE OR MORE OF THE FOLLOWING CONDITIONS EXIST:

- The Airbag is deployed.
- The control module is cracked, deformed or damaged in any manner.
- The mounting bracket is cracked, deformed, or damaged in any manner.
- The connector is scratched, cracked, deformed, or damaged in any manner.
- The control module is dropped to the floor or ground.
- The control module had been determined to be faulty during self-diagnosis.

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MAIN HARNESS

INSPECTION STANDARD:

- The vehicle is damaged in a collision regardless of whether or not the airbag deployed; or
- The designated trouble code is outputted during self-diagnosis. Please refer to the diagnostics section in the appropriate service manual for further information.

REPLACE THE MAIN HARNESS IF ONE OR MORE OF THE FOLLOWING CONDITIONS EXIST:

- Harness circuit is broken, wire core is exposed, corrugated tubing is cracked, etc.
- Connector is scratched, cracked, deformed, or damaged in any manner.
- The designated trouble code is output during self-diagnosis. Please refer to the diagnostics section in the appropriate service manual for further information.

COMBINATION SWITCH & ROLL CONNECTOR

INSPECTION STANDARD:

- The vehicle is damaged in a collision, regardless of whether or not the airbag deployed; or
- The designated trouble code is outputted during self-diagnosis. Please refer to the diagnostics section in the appropriate service manual for further information.

REPLACE THE COMBINATION SWITCH & ROLL CONNECTOR IF THE FOLLOWING CONDITION EXISTS:

- The combination switch or steering roll connector is cracked, deformed, or damaged in any manner.

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STEERING WHEEL

INSPECTION STANDARD:

- The vehicle is damaged in a collision, regardless of whether or not the airbag deployed.

REPLACE THE STEERING WHEEL IF ONE OR MORE OF THE FOLLOWING CONDITIONS EXIST:

- The steering wheel is cracked, deformed, or damaged in any manner.
- Ensure that the new airbag module fits properly in the steering wheel when installed.
- After installing the airbag module, ensure that it is free of interference with the steering wheel. Also, clearance between all points should be equal.

STEERING COLUMN ASSEMBLY

INSPECTION STANDARD:

- The vehicle is damaged in a collision, regardless of whether or not the airbag deployed.

REPLACE THE STEERING COLUMN ASSEMBLY IF ONE OR MORE OF THE FOLLOWING CONDITIONS EXIST:

- Ensure that the steering wheel free play, in axial and radial directions, is within specifications. Please refer to the diagnostics section in the appropriate service manual for further information.
- Ensure that the clearance between the steering column bracket and capsule is within specifications. Please refer to the diagnostics section in the appropriate service manual or SUBARU service bulletin number 17-01-92 (which can be found in the *SERVICE BULLETIN MANUAL AND SERVICE HELPLINE PUBLICATIONS UPDATE SUPPLEMENT*, Volume Number 14), item 4, for further information.

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SIDE AIRBAG MODULE (DRIVER'S AND/OR PASSENGER'S, IF APPLICABLE)

INSPECTION PROCEDURE:

- The vehicle is damaged in a collision, regardless of whether or not the airbag deployed; or
- The designated trouble code is outputted during self diagnosis. Please refer to the diagnostics section in the appropriate service manual for further information.

REPLACE THE SIDE AIRBAG MODULE IF ONE OR MORE OF THE FOLLOWING CONDITIONS EXIST:

- The Airbag is deployed.
- The pad surface is scratched, cracked, deformed, or damaged in any manner.
- The harness and/or connector is cracked or deformed, their circuits are broken, wire core is exposed, etc.
- The mounting bracket is cracked, deformed, or damaged in any manner.
- The mounting surface has been fouled with a foreign matter such as oil, grease, water, cleaning solvent, etc.
- The airbag module has been dropped to the floor or ground.
- The airbag module had been determined to be faulty during self-diagnosis.

SIDE AIRBAG SENSOR (DRIVER'S AND/OR PASSENGER'S, IF APPLICABLE)

INSPECTION STANDARDS:

- Check the side section of the vehicle for damage, regardless of whether or not the airbag deployed; or
- The designated trouble code is outputted during self- diagnosis. Please refer to the diagnostics section in the appropriate service manual for further information.

REPLACE THE SIDE AIRBAG SENSOR(S) IF ONE OR MORE OF THE FOLLOWING CONDITIONS EXIST:

- Airbag is deployed.
- Bracket is cracked, deformed, or damaged in any manner.
- The housing is cracked, deformed, or damaged in any manner.
- The label that identifies the manufacturing number is peeling off or deteriorated.
- Harness circuit is broken, wire core is exposed, etc.
- Sensor is dropped to the floor or ground.
- Sensor had been determined to be faulty during self-diagnosis.

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SEAT BELT PRE-TENSIONERS (DRIVER'S AND/OR PASSENGER'S)

INSPECTION PROCEDURE:

- The vehicle is damaged in a collision, regardless of whether or not the airbag deployed; or
- The designated trouble code is outputted during self diagnosis. Please refer to the diagnostics section in the appropriate service manual for further information.

REPLACE THE SEAT BELT PRE-TENSIONER(S) IF ONE OR MORE OF THE FOLLOWING CONDITIONS EXIST:

- Airbag is deployed (if front airbags are deployed, the front seatbelt pre-tensioners have also discharged).
- Bracket is cracked, deformed, or damaged in any manner.
- The housing is cracked, deformed, or damaged in any manner.
- The label that identifies the manufacturing number is peeling off or deteriorated.
- Harness circuit is broken, wire core is exposed, etc.
- The belt webbing is extended and will not retract.
- Pre-tensioner is dropped to the floor or ground.
- The pre-tensioner has been determined to be faulty during self-diagnosis.