1992 - 1993 Corvette: Service Bulletin: Cracks/Damage to Cowl Surface

Subject: CRACKS OR DAMAGE TO COWL SURFACE

Model and Year: 1992-93 CORVETTE WITH RPO LT1 ENGINES ONLY

Source: Chevrolet Service Bulletin

Bulletin Number: 93-134-10

CONDITION:

Some 1992-93 Y-cars with LT1 engines may have cracks or damage to the cowl surface:

- Behind the right cylinder head, - Below the wiring harness connector.

CAUSE:

Rear of engine may contact the cowl surface when removing transmission or engine from vehicle.

CORRECTION:

Repair the crack using the following procedure and materials:

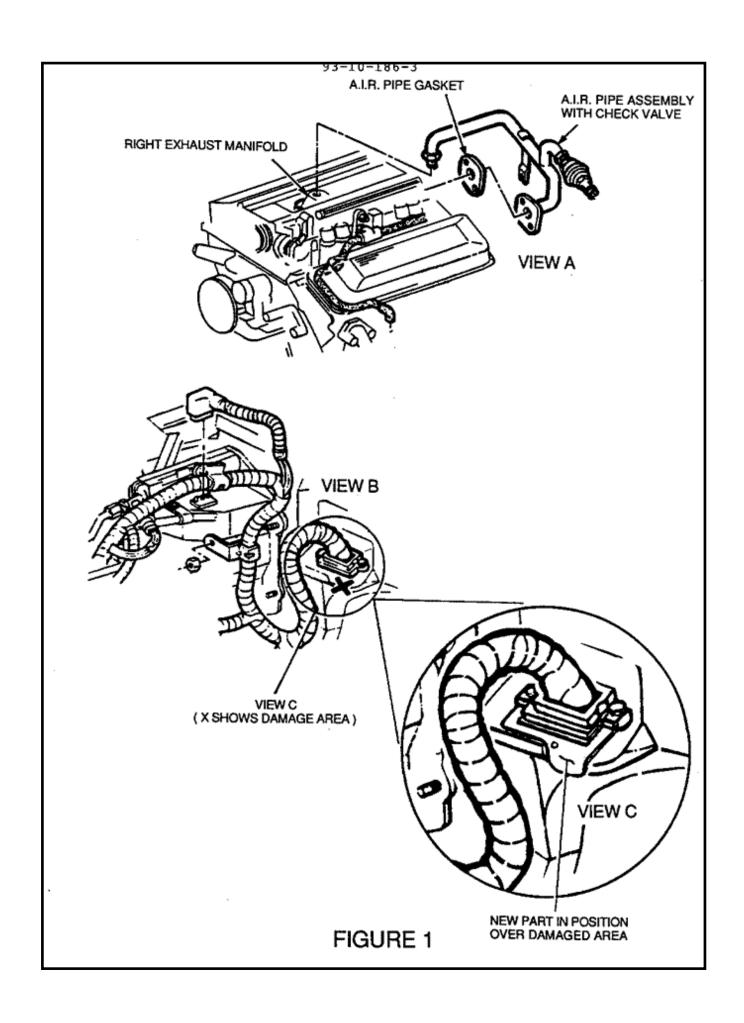
Materials: Seam Sealing Material (Use *3M 08405 or 08302, *Dominion/American Sure Seal LSC or CSC, *Kent 10200 or 10195, or equivalent.)

GM P/N 10231336 Spacer, Engine Wiring Harness Grommet Bracket Plate

Procedure:

- 1. Raise hood to full open position.
- 2. Remove plastic engine cover from between right side rocker cover and fuel rail.
- 3. Remove wiring harness bracket from right rear side of intake manifold.

- 4. Remove right side A.I.R. pipe from engine (See View A);
 - a. Remove nut at exhaust manifold, use 22 mm "crow foot" wrench.
 - b. Loosen bolt on rear of head, using long 9/16" open end wrench.
- c. Remove bolts on rear of intake manifold, use 10 mm 1/4" drive socket and flex extension.
 - d. Remove hose and plastic clamp from check valve.
- 5. Clean damaged area (See View B) with a wax and grease remover and use V.O.C. approved materials where required.
- 6. Apply enough seam sealing material to fill or cover the damaged area. Paddle material into place, if required.
- 7. Loosen the harness connector attaching bolts, position GM P/N 10231336 Spacer, over the damaged area and under the attaching bolt heads and tighten the attaching bolts. The spacer has slots to aid in installation (See View C).
- 8. Reinstall the A.I.R. pipe and the pipe gasket to the intake manifold.
- 9. Reinstall the wiring harness bracket to the right rear of the intake manifold.
- 10. Reinstall the engine cover between the rocker cover and fuel rail.
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