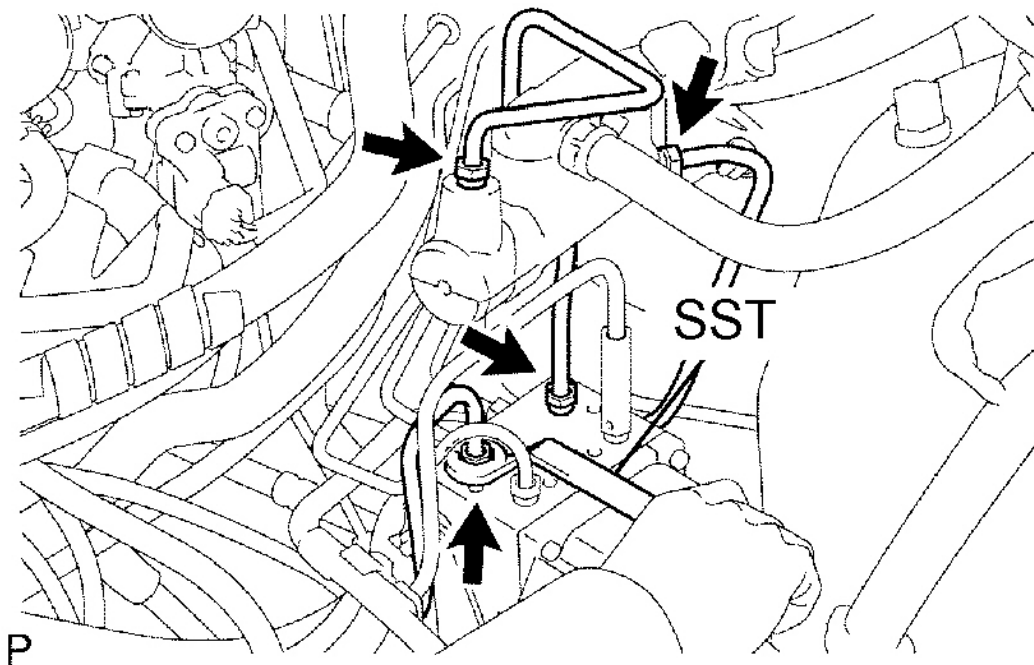


REMOVAL

1. Remove Air Cleaner Assembly
2. Disconnect Brake Lines

- a. Using SST, remove the 2 brake lines from the ABS & VSC actuator master cylinder and clamp.

SST 09751-3601 1



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Fig. 4: Removing Brake Lines From ABS & VSC Actuator

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

Torque: 19.6 N.m (200 kgf.cm, 14.5 ft.lbf)

- b. Using SST, disconnect the 4 brake lines from the ABS & VSC actuator.

SST 09751-3601 1

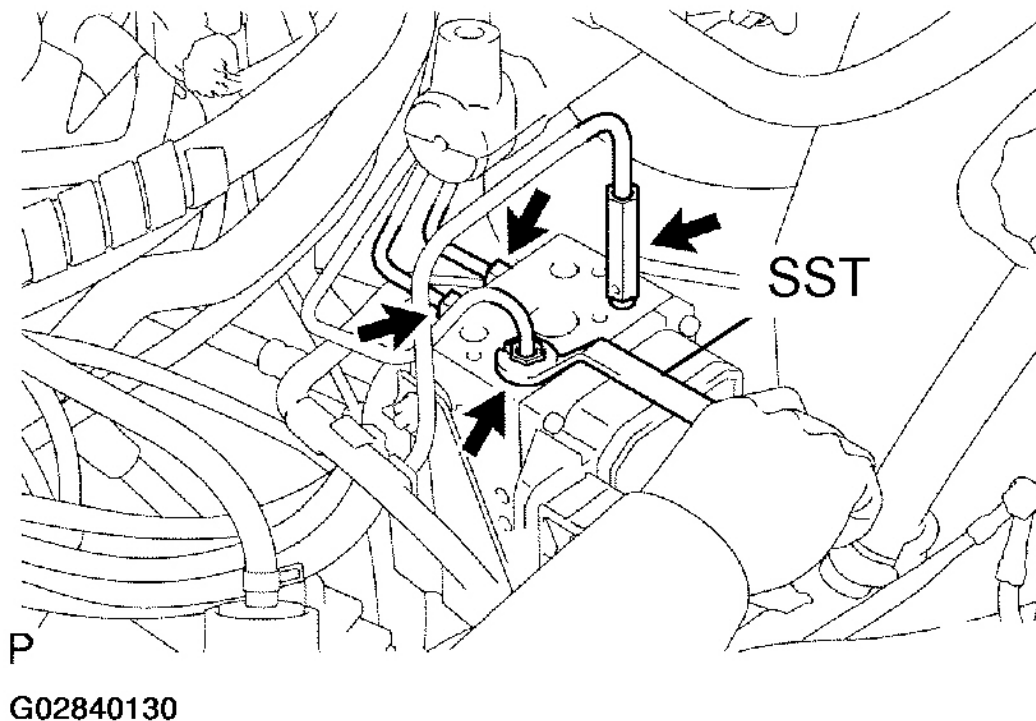


Fig. 5: Disconnecting Brake Lines From ABS & VSC Actuator

Courtesy of TOYOTA MOTOR SALES, U.S.A., INC.

Torque: 15 N.m (155 kgf.cm, 11 ft.lbf)

3. Remove ABS & VSC Actuator Assembly

- a. Disconnect the 2 connectors.
- b. Disconnect the wire harness clamp from the actuator bracket.
- c. Remove the 3 nuts and ABS & VSC actuator assembly.

Torque: 12.7 N.m (130 kgf.cm, 9 ft.lbf)

NOTE:

- Do not drop an actuator.
- If you drop an actuator, do not assemble it into a vehicle

4. Remove ABS & VSC Actuator

- a. Remove the 2 nuts and ABS & VSC actuator from the actuator bracket.

Torque: 12.7 N.m (130 kgf.cm, 9 ft.lbf)

2003 Toyota Sienna LE

2003 BRAKES ABS & VSC Actuator - Sienna

- b. Remove the clamp from the actuator bracket.
- c. Remove the 2 holders and 3 cushions.