

Modified Vehicle ABS Problem Diagnosis

Meets ASE Task: (A5-G-8) P-1 Diagnose electronic brake control system braking concerns caused by vehicle modifications (tire size, curb height, final drive ratio, etc.).

Name: _____ Date: _____ Time on Task: _____

Make/Model/Year: _____ VIN: _____

Evaluation (Enter number from 4, 3, 2, 1) : _____

1. Carefully inspect the vehicle for modifications such as changes made to wheels/tires, axle ratio, and curb height.

Tire size: **OK** **NOT OK** (describe) _____

Curb (ride) height: stock higher lower (describe) _____

Axle ratio: stock unknown (describe) _____

2. Be sure that all four tires are the same size and brand.

LF tire size = _____ Brand = _____

RF tire size = _____ Brand = _____

RR tire size = _____ Brand = _____

LR tire size = _____ Brand = _____

3. Did any of the modifications affect the braking?

Yes

No (describe) _____

4. Did the modifications set an ABS diagnostic trouble code (DTC)?

Yes (describe) _____

No

5. Check the service information and record the specified procedure to follow when servicing an antilock brake system on a vehicle that has been modified.
