

REAR DRIVE SHAFT REPLACEMENT

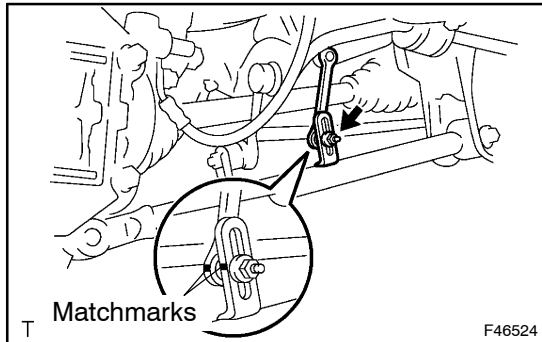
300NP-01

HINT:

COMPONENTS: [SEE PAGE 30-4](#)

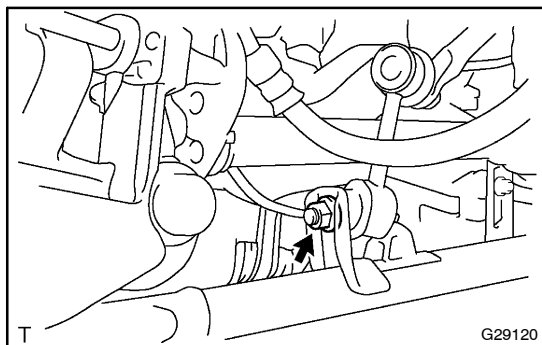
- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

1. REMOVE REAR TIRE



2. SEPARATE HEIGHT CONTROL SENSOR LINK SUB-ASSY REAR

- Place matchmarks on the height control sensor link and bracket.
- Remove the nut from the height control sensor link.

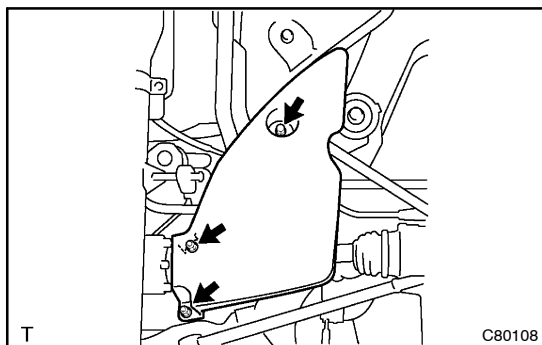


3. REMOVE REAR STABILIZER LINK ASSY LH

- Remove the nut, and separate the stabilizer link assy LH.

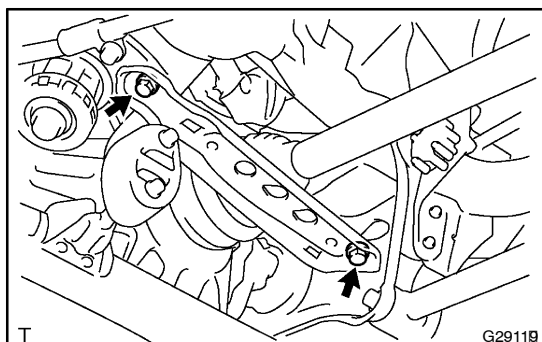
HINT:

If the ball joint turns together with the nut, use a hexagon wrench (6 mm) to hold the stud.



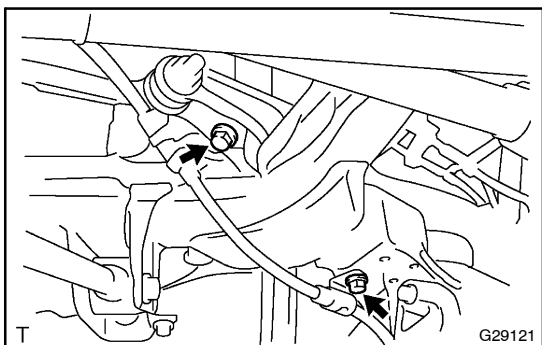
4. REMOVE DIFFERENTIAL SUPPORT PROTECTOR NO.2

- Remove the 3 nuts, and differential support protector No. 2.



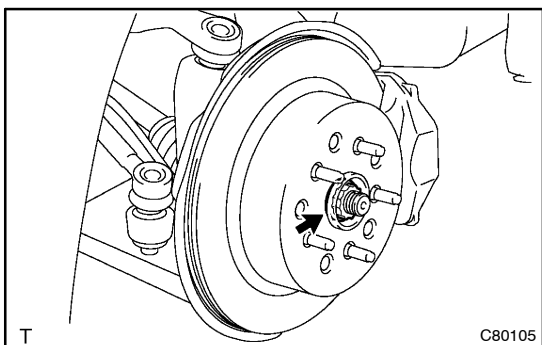
5. REMOVE REAR SUSPENSION MEMBER BRACE LH

- Remove the 2 bolts, and suspension member brace.



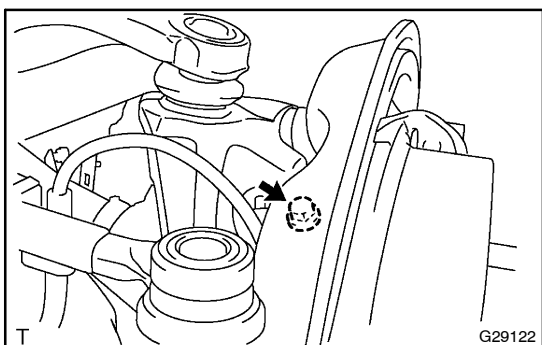
6. SEPARATE PARKING BRAKE CABLE ASSY NO.3

- (a) Remove the 2 bolts, and separate the parking brake cable No.3 from body.



7. REMOVE REAR AXLE SHAFT NUT

- (a) Remove the cotter pin and lock cap.
(b) While depressing the brake pedal, remove the nut.

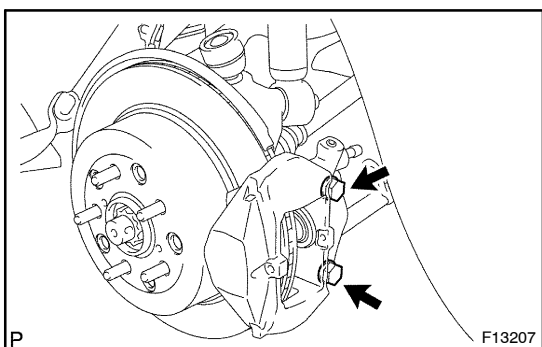


8. SEPARATE SPEED SENSOR REAR LH

- (a) Remove the bolt and separate the speed sensor from the rear axle carrier.

NOTICE:

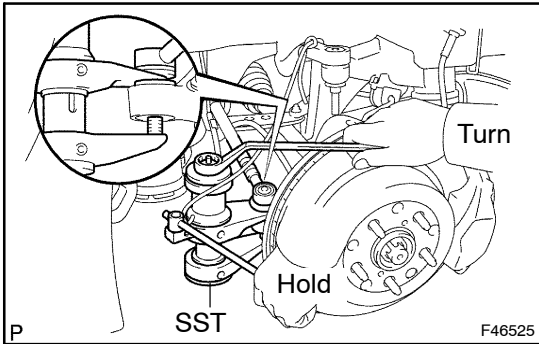
Be careful not to damage the speed sensor.



9. REMOVE REAR DISC BRAKE CALIPER ASSY LH

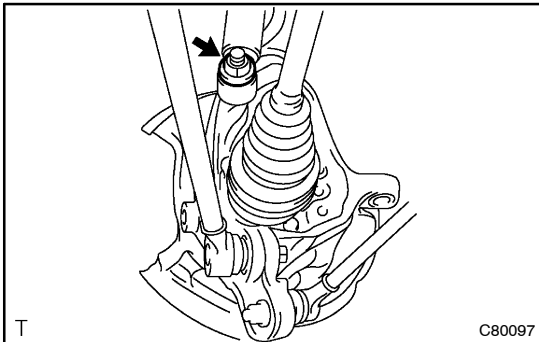
- (a) Remove the 2 bolts and separate the rear brake caliper from the rear axle carrier.

10. REMOVE REAR DISC (SEE PAGE 32-46)

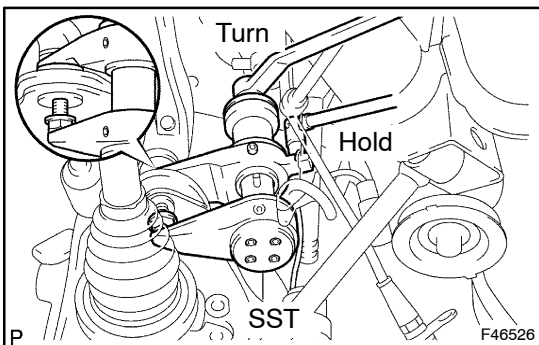
**11. SEPARATE TOE CONTROL LINK SUB-ASSY LH**

- (a) Remove the nut.
- (b) Using SST, disconnect the toe control link from the axle carrier.

SST 09628-00011

**12. SEPARATE SHOCK ABSORBER ASSY REAR LH**

- (a) Remove the nut and disconnect the shock absorber arm from the axle carrier.

**13. SEPARATE UPPER CONTROL ARM ASSY REAR LH**

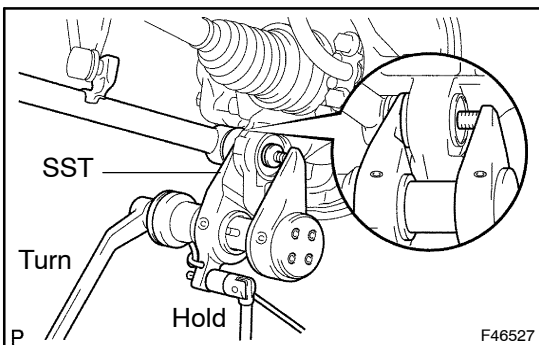
- (a) Loosen the nut to the top line of the bolt.

HINT:

Do not remove the nut.

- (b) Using SST, disconnect the upper control arm assy from the axle carrier.

SST 09628-00011

**14. SEPARATE REAR SUSPENSION ARM ASSY NO.2 LH**

- (a) Remove the nut.
- (b) Using SST, disconnect the suspension arm No.2 from the axle carrier.

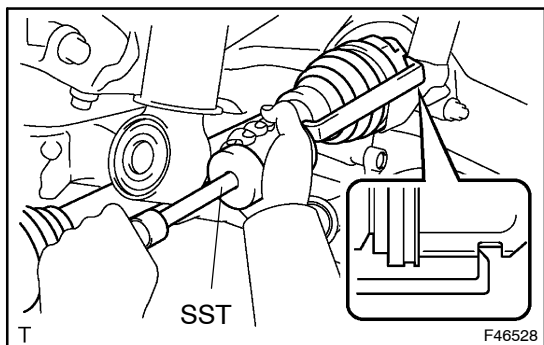
SST 09628-00011

15. DISCONNECT REAR DRIVE SHAFT ASSY LH

- (a) Using a plastic hammer, separate the drive shaft from the axle hub.

NOTICE:**Be careful not to damage the boot and speed sensor rotor.**

- (b) Remove the nut, and separate the upper control arm assy.

**16. REMOVE REAR DRIVE SHAFT ASSY LH**

- (a) Using SST, remove the rear drive shaft assy LH.

NOTICE:

- Be careful not to damage the oil seal, inboard joint boot and drive shaft dust cover.
- Be careful not to drop the drive shaft assy.

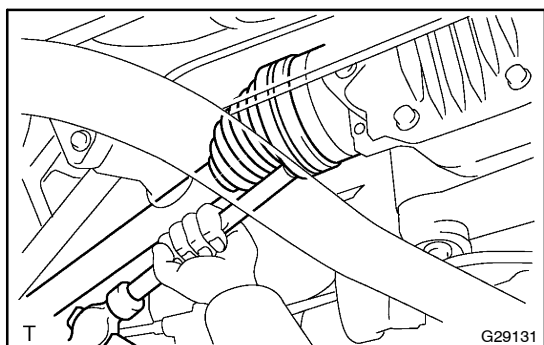
SST 09520-01010, 09520-24010 (09520-32040)

17. INSPECT REAR DRIVE SHAFT ASSY LH

- (a) Check that there is no excessive play in the outboard joint.
 (b) Check if the inboard joint slides smoothly in the thrust direction.
 (c) Check that there is no excessive play in the radial direction of the inboard joint.
 (d) Check the boots for damage.

NOTICE:

Keep the drive shaft assy level during inspection.

**18. INSTALL REAR DRIVE SHAFT ASSY LH**

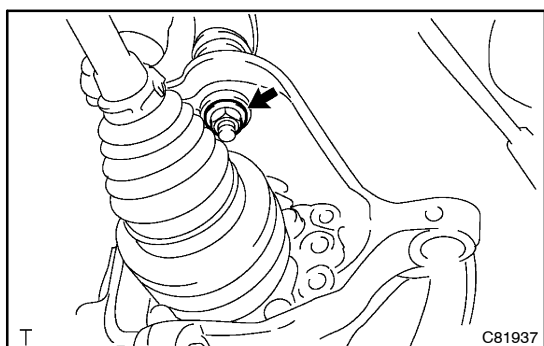
- (a) Coat the spline of the inboard joint shaft assy with gear oil.
 (b) Align the shaft splines, install the drive shaft assy LH with a brass bar and a hammer.

NOTICE:

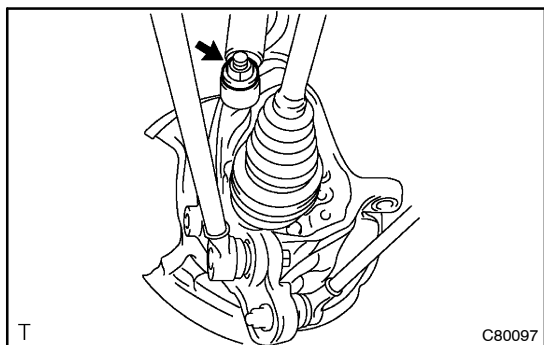
- Set the hole snap ring with the opening side facing down.
- Be careful not to damage the boot and the oil seal.

HINT:

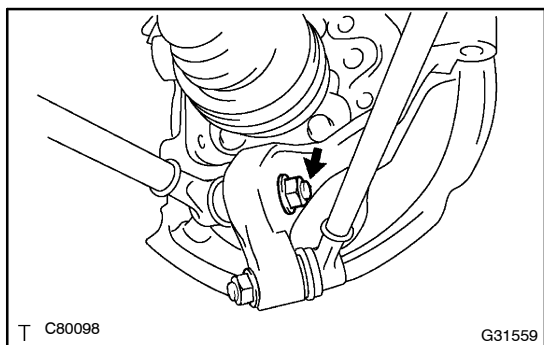
Whether the inboard joint shaft is in contact with the pinion shaft or not can be known from the sound or feeling when driving it in.

**19. TEMPORARILY TIGHTEN UPPER CONTROL ARM ASSY REAR LH**

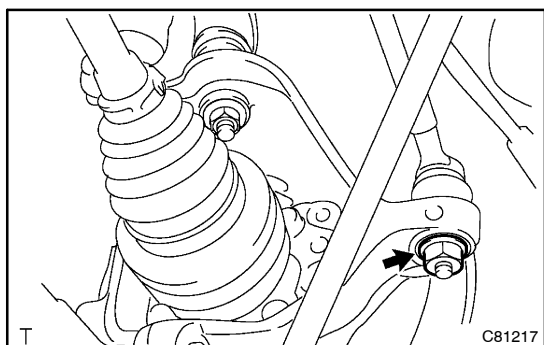
- (a) Temporarily tighten the upper control arm assy LH with a new nut.

**20. INSTALL SHOCK ABSORBER ASSY REAR LH**

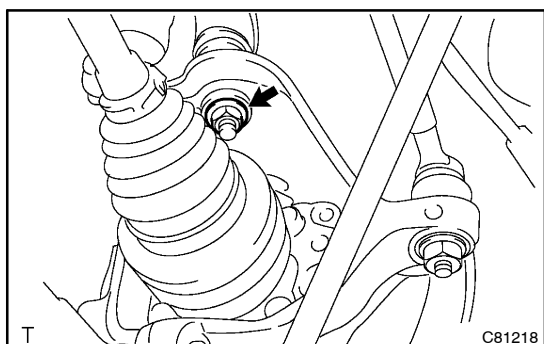
- (a) Install the shock absorber assy LH with the new nut.
Torque: 70 N·m (714 kgf·cm, 52 ft·lbf)

**21. INSTALL REAR SUSPENSION ARM ASSY NO.2 LH**

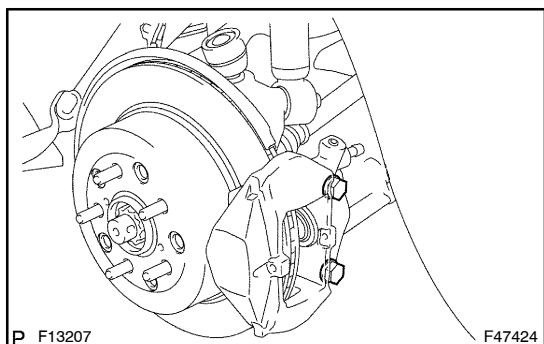
- (a) Install the rear suspension arm assy No.2 LH with the new nut.
Torque: 70 N·m (714 kgf·cm, 52 ft·lbf)

**22. INSTALL TOE CONTROL LINK SUB-ASSY LH**

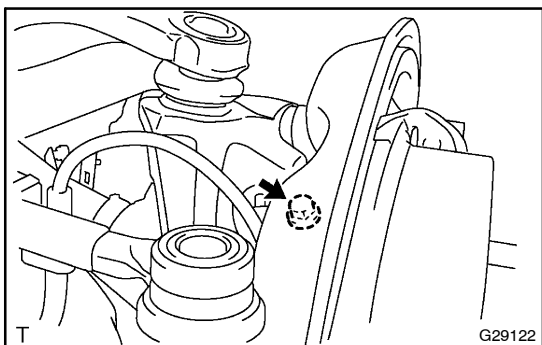
- (a) Install the toe control link assy LH with the new nut.
Torque: 50 N·m (510 kgf·cm, 37 ft·lbf)

**23. FULLY TIGHTEN UPPER CONTROL ARM ASSY REAR LH**

- (a) Support the rear axle carrier.
 (b) Fully tighten the upper control arm assy LH with the nut.
Torque: 70 N·m (714 kgf·cm, 52 ft·lbf)

24. INSTALL REAR DISC (SEE PAGE 32-46)**25. INSTALL REAR DISC BRAKE CALIPER ASSY LH**

- (a) Install the brake caliper with the 2 bolts.
Torque: 78 N·m (800 kgf·cm, 58 ft·lbf)

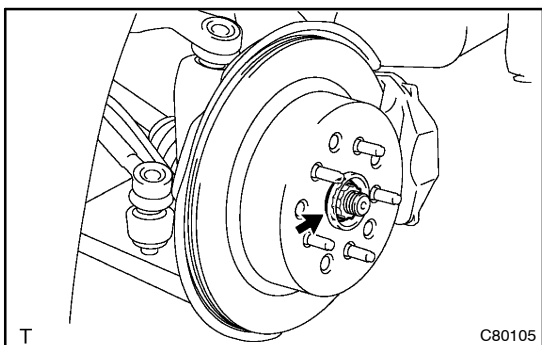
**26. INSTALL SPEED SENSOR REAR LH**

- (a) Install the speed sensor to the rear axle carrier with the bolt.

Torque: 8.0 N·m (82 kgf·cm, 71 in·lbf)

NOTICE:

Prevent foreign matter from adhering to the speed sensor.

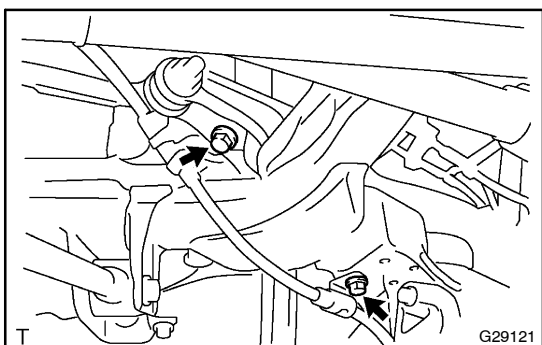
**27. INSTALL REAR AXLE SHAFT NUT**

- (a) While applying brakes, use a socket wrench (32 mm) to install the nut.

Torque: 290 N·m, (2,960 kgf·cm, 214 ft·lbf)

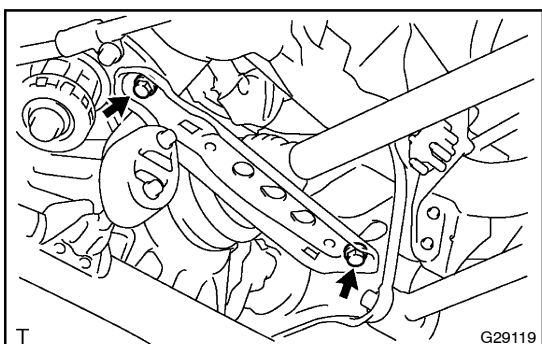
- (b) Install the lock cap and a new cotter pin.

If the holes for the cotter pin are not aligned, tighten the nut a further 10°.

**28. INSTALL PARKING BRAKE CABLE ASSY NO.3**

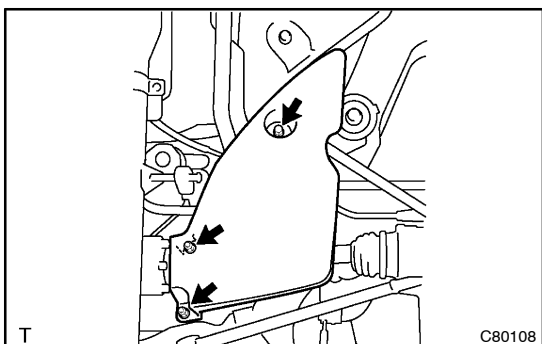
- (a) Install the parking brake cable assy to the body with the 2 bolts.

Torque: 19 N·m (194 kgf·cm, 14 ft·lbf)

**29. INSTALL REAR SUSPENSION MEMBER BRACE LH**

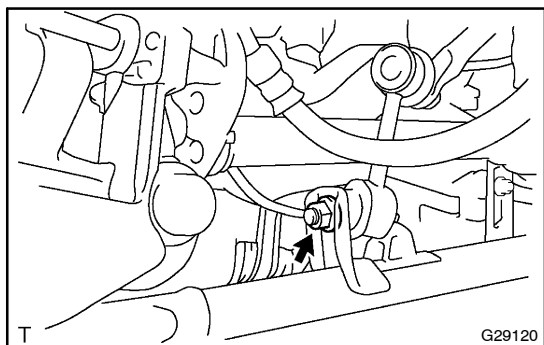
- (a) Install the rear suspension member brace to the body with the 2 bolts.

Torque: 50 N·m (510 kgf·cm, 37 ft·lbf)

**30. INSTALL DIFFERENTIAL SUPPORT PROTECTOR NO.2**

- (a) Install the differential support protector No.2 to the body with the 3 nuts.

Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)

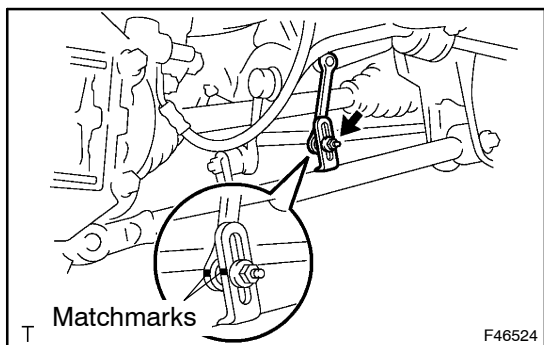
**31. INSTALL REAR STABILIZER LINK ASSY LH**

- (a) Install the stabilizer link assy LH with the nut.

Torque: 65 N·m (663 kgf·cm, 48 ft·lb)

HINT:

If the ball joint turns together with the nut, use a hexagon (6 mm) wrench to hold the stud.

**32. INSTALL HEIGHT CONTROL SENSOR LINK SUB-ASSY REAR**

- (a) Align the matchmarks and connect the height control sensor link to the rear suspension arm assy No.2 LH.
 (b) Install and torque the 6 bolts, washers and nuts.

Torque: 5.4 N·m (55 kgf·cm, 48 in.·lb)

33. INSTALL REAR TIRE

Torque: 103 N·m (1,050 kgf·cm, 76 ft·lb)

34. ADJUST VEHICLE HEIGHT (W/ AIR SUSPENSION) (SEE PAGE 25-4)**35. INSPECT HEADLIGHT AIM ONLY (SEE PAGE 65-12)****36. INSPECT AND ADJUST REAR WHEEL ALIGNMENT (SEE PAGE 27-8)****37. CHECK ABS SPEED SENSOR SIGNAL (SEE PAGE 05-389)**