

REAR DRIVE SHAFT REPLACEMENT

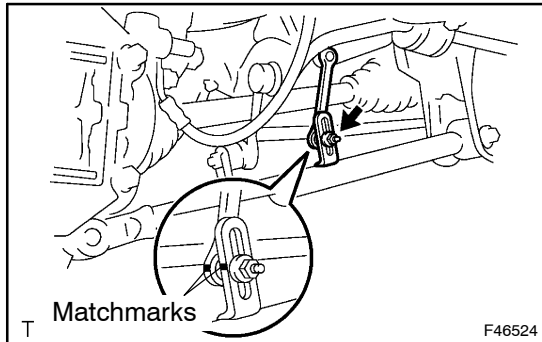
300NP-01

HINT:

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

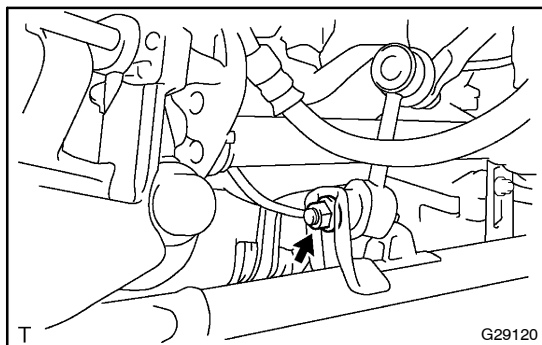
- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

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.

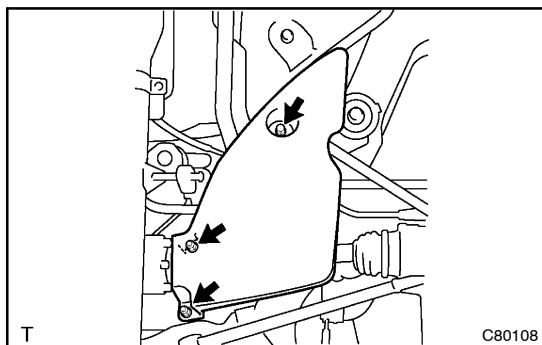


3. REMOVE REAR STABILIZER LINK ASSY LH

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

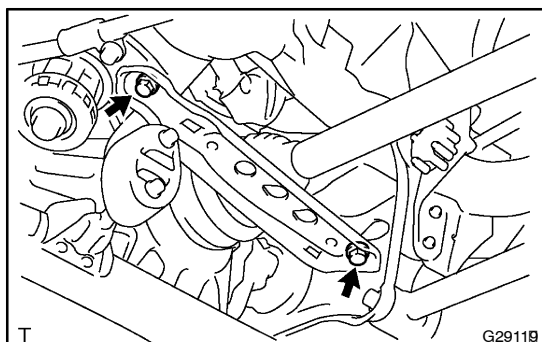
HINT:

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



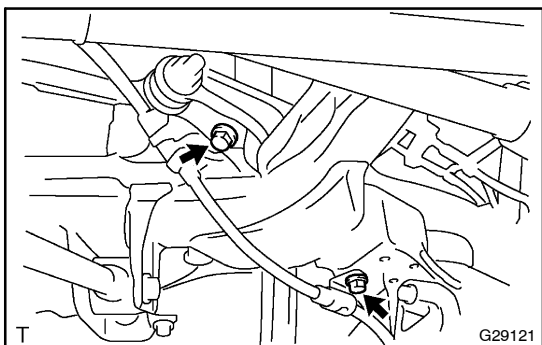
4. REMOVE DIFFERENTIAL SUPPORT PROTECTOR NO. 2

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



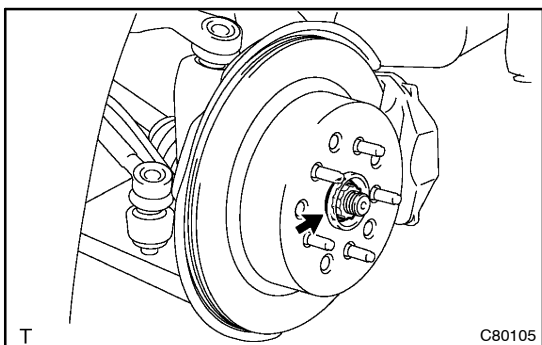
5. REMOVE REAR SUSPENSION MEMBER BRACE LH

- Remove the 2 bolts, and suspension member brace.



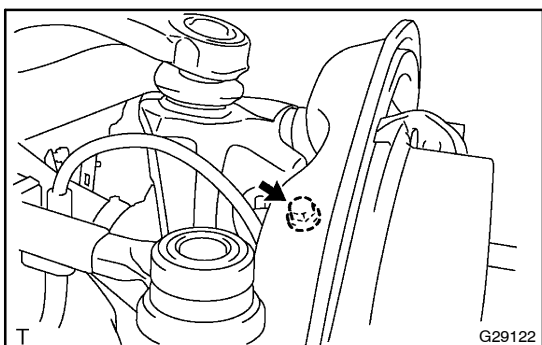
6. SEPARATE PARKING BRAKE CABLE ASSY NO.3

- (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.

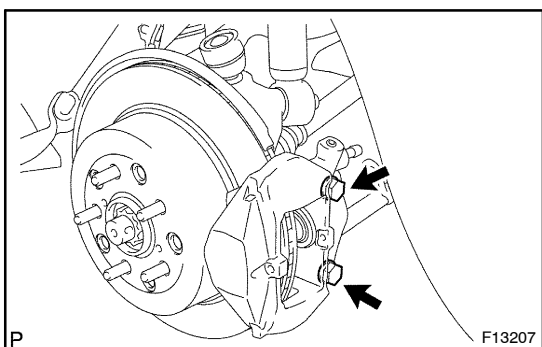


8. SEPARATE SPEED SENSOR REAR LH

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

NOTICE:

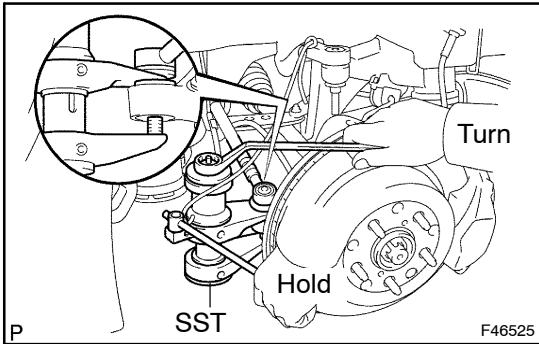
Be careful not to damage the speed sensor.



9. REMOVE REAR DISC BRAKE CALIPER ASSY LH

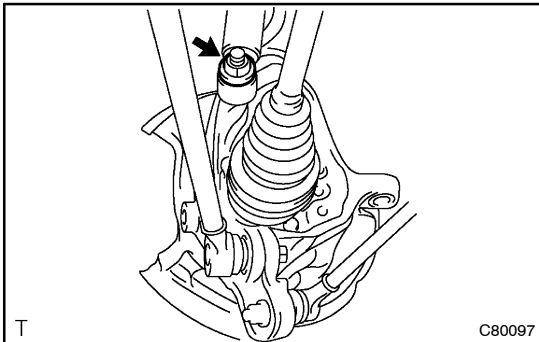
- (a) Remove the 2 bolts and separate the rear brake caliper from the rear axle carrier.

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

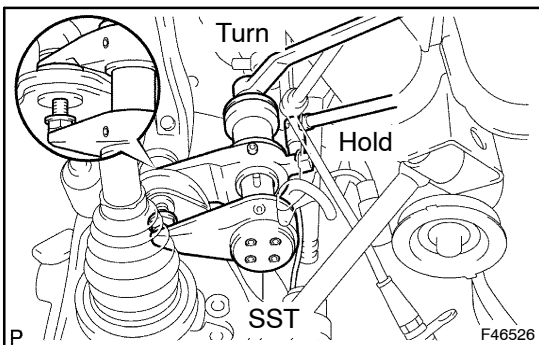
**11. SEPARATE TOE CONTROL LINK SUB-ASSY LH**

- (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**

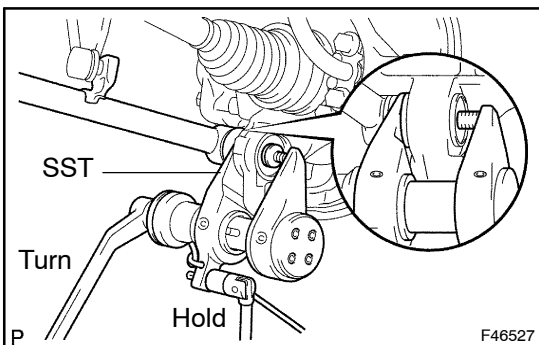
- (a) Loosen the nut to the top line of the bolt.

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.

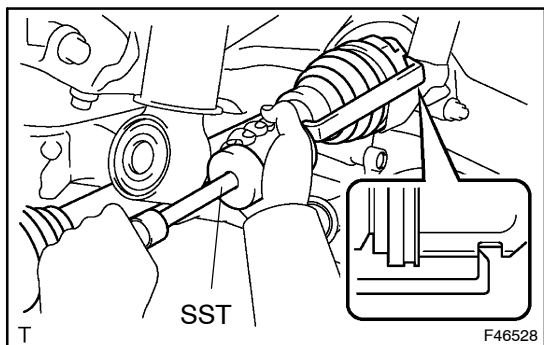
SST 09628-00011

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.

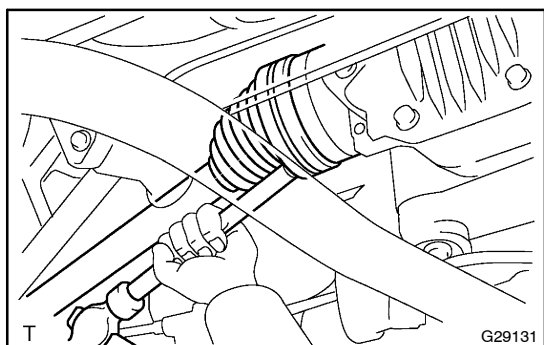
SST 09520-01010, 09520-24010 (09520-32040)

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**

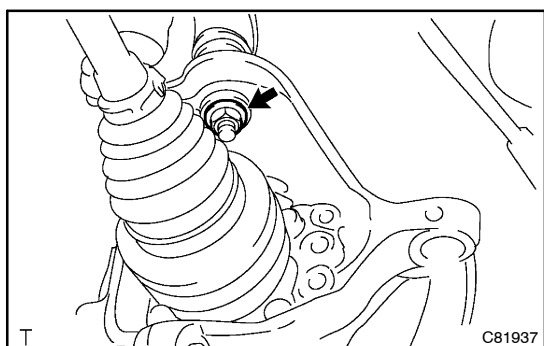
- (a) Coat the spline of the inboard joint shaft assy with gear oil.
- (b) Align the shaft splines, install the drive shaft assy LH with a brass bar and a hammer.

NOTICE:

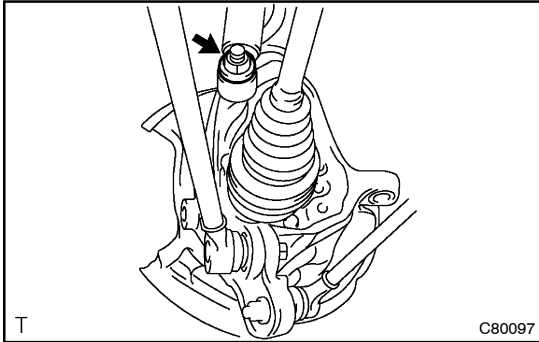
- Set the hole snap ring with the opening side facing down.
- Be careful not to damage the boot and the oil seal.

HINT:

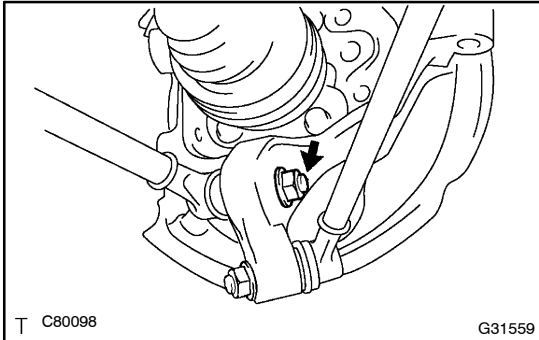
Whether the inboard joint shaft is in contact with the pinion shaft or not can be known from the sound or feeling when driving it in.

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

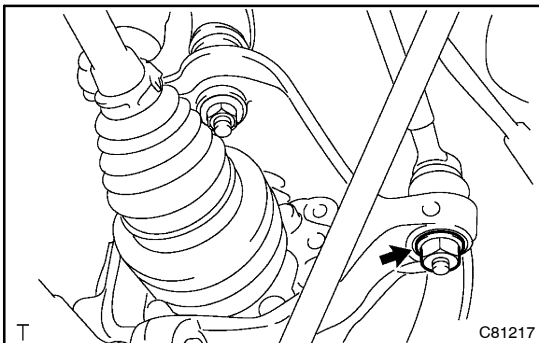
- (a) Temporarily tighten the upper control arm assy LH with a new nut.

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

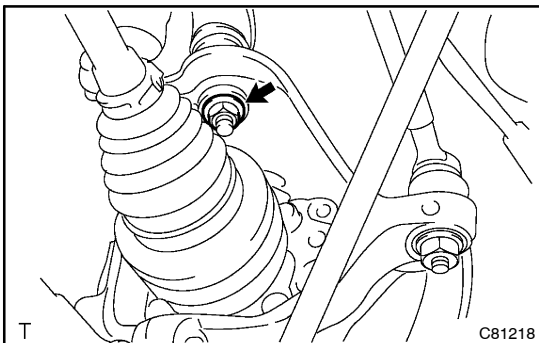
- (a) Install the shock absorber assy LH with the new nut.
Torque: 70 N·m (714 kgf·cm, 52 ft·lbf)

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

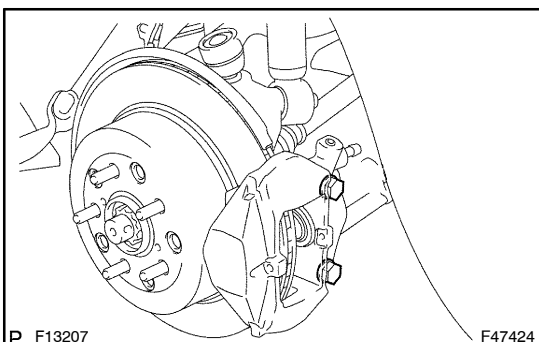
- (a) Install the rear suspension arm assy No.2 LH with the new nut.
Torque: 70 N·m (714 kgf·cm, 52 ft·lbf)

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

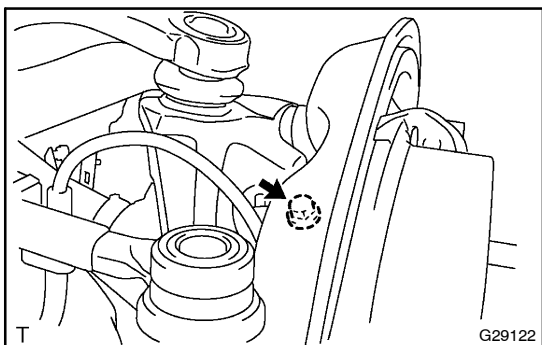
- (a) Install the toe control link assy LH with the new nut.
Torque: 50 N·m (510 kgf·cm, 37 ft·lbf)

**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)

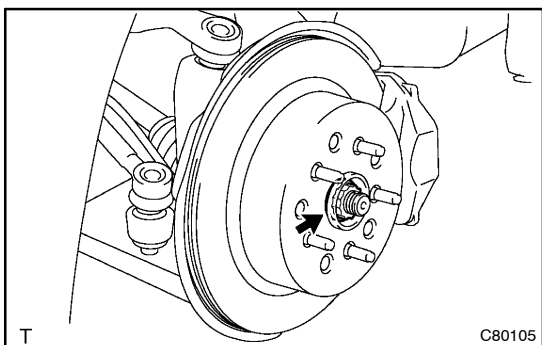
**26. INSTALL SPEED SENSOR REAR LH**

- (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.

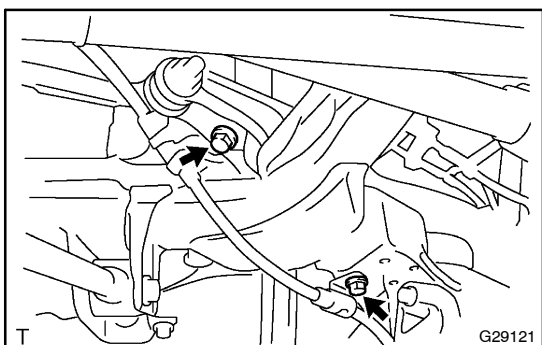
**27. INSTALL REAR AXLE SHAFT NUT**

- (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)

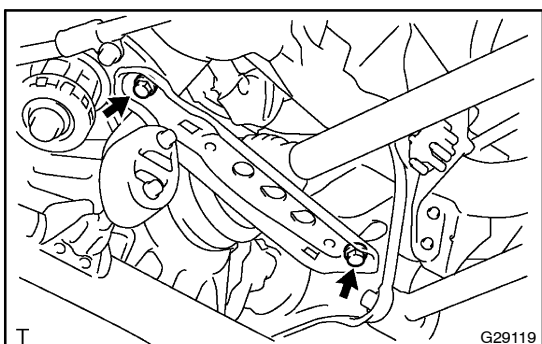
- (b) Install the lock cap and a new cotter pin.

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

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

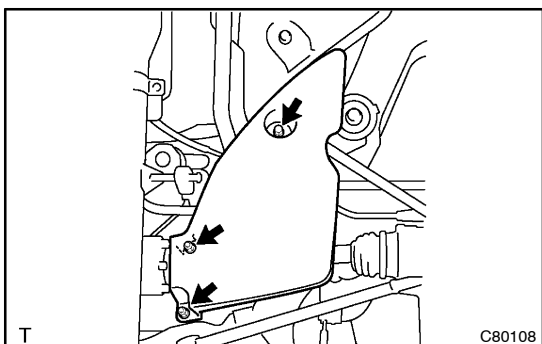
- (a) Install the parking brake cable assy to the body with the 2 bolts.

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

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

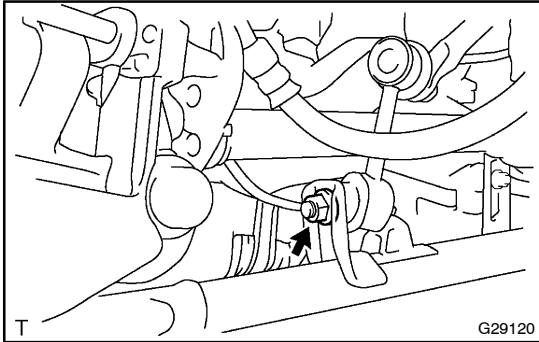
- (a) Install the rear suspension member brace to the body with the 2 bolts.

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)



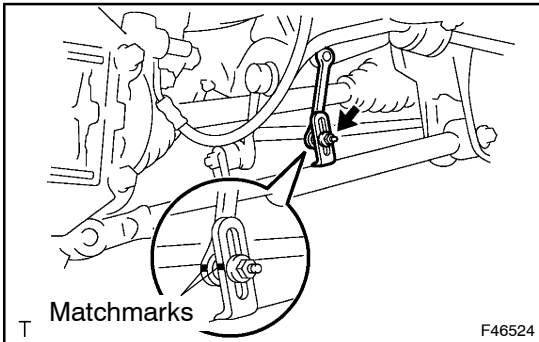
31. INSTALL REAR STABILIZER LINK ASSY LH

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

Torque: 65 N·m (663 kgf·cm, 48 ft·lbf)

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.·lbf)

33. INSTALL REAR TIRE

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

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)