



# TECHNICAL ALERT

April 20, 2004

TA03 7001

NAS  US Only  Cda Only

**ATTENTION:**    *Service Manager*    *Service Advisor*    *Technician*  
                          *Parts Manager*            *Parts Professional*

## Discovery Series II ABS Sensor Availability.

### SITUATION

Individual component supply and the latest ABS software allow the ABS wheel speed sensor to be safely replaced separately from the wheel hub, provided standard cleanliness and normal care are observed during the operation.

### RESOLUTION

The ABS wheel speed sensors are again available as repair components.



**NOTE:** *The policy outlined in TIB 60/01/01/NAS specifying hub replacement instead of sensor replacement is no longer in effect. The TIB has been removed from InfoTrail and GTR.*

### PARTS INFORMATION



**NOTE:** *ALL backorders against front wheel hub assembly TAY100060 and rear wheel hub assembly TAY100050 will be cancelled effective 20 April 2004. Retailers with a requirement for these components, other than sensor replacement, should reorder. Order the individual sensors when diagnosing ABS sensor related repairs.*

TAR100060 ..... Front Wheel Speed Sensor    Qty 2  
TAR100070 ..... Rear Wheel Speed Sensor    Qty 2

### WARRANTY INFORMATION

DDW requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

Description	SRO	Time (Hours)	Condition Code	Causal Part
Replace front wheel speed sensor	70.65.30	1.00	42	TAR100060
Replace rear wheel speed sensor	70.65.31	.90	42	TAR100070

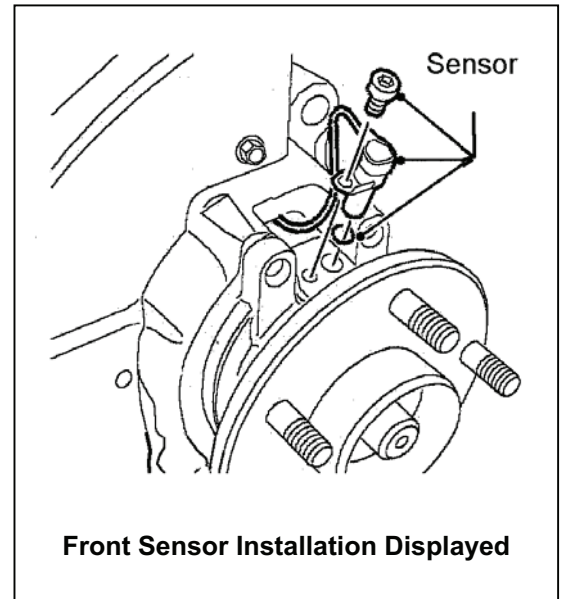
## **ABS SENSOR REPLACEMENT PROCEDURE**

1. Disconnect the ABS wiring lead from the vehicle harness.
2. Remove the brake disc from the hub being repaired.



**CAUTION:** *Cleaning the wheel sensor area and maintaining a clean work environment is vital to the integrity of this repair.*

3. Clean the area surrounding the wheel sensor mounting location thoroughly.
4. Remove the Allen screw retaining the sensor.
5. If the front sensor is being replaced, loosen the 4 bolts securing the front hub from the swivel hub for access.
6. Release the sensor from the hub.
7. Apply anti-seize grease to sensor and lubricate new O-ring.
8. Install new sensor with new O-ring.
9. Tighten the Allen screw to **18 Nm (13 lbf.ft)**.
10. If the front sensor is being replaced, tighten the 4 front hub bolts to **100 Nm (75 lbf.ft)**.
11. Install wiring and brake disc.



**If you encounter problems with this procedure please contact the Technical HelpLine at 1-888-577-8577 Option 3 Item 4.**