

# VOLVO

## 700/900

SECTION	GROUP	NO
2	28	915

## Service Bulletin

DATE  
July 1994

Fault tracing

RE:  
New RPM sensor

Repairs

740/940 ALL

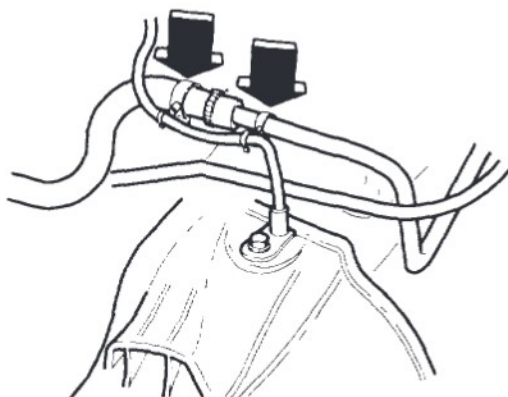
Maintenance

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REFERENCE: TP 32043/1, SECTION 2 (23, 28), MULTIPOINT FUEL INJECTION (MPI) SYSTEM LH 2.4, 700/900 1989-  
TP 31903/1, SECTION 2 (23, 28), FUEL SYSTEM REGINA 700 1988-

### New RPM sensor

An improved flywheel RPM sensor, P/N 3547847-8, was introduced into production during week 48, 1993. The new sender is marked with a white ring, 10 mm from the connector, and has improved cable attachment using clips. When replacing the flywheel RPM sensor on cars made before week 48 1993, attachment, cleaning and greasing of the connector should be carried out according to this service bulletin.



2800130A

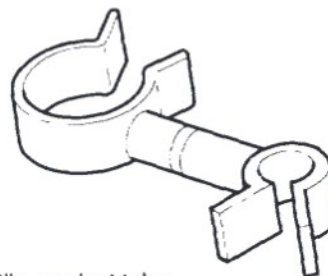
#### Materials for replacing RPM sensor

Item	P/N
RPM sensor	3547847-8
Clip, coolant tube	3549774-8
Clip, drain hose	9146999-9
Rust solvent spray	1161435-1
Low temperature grease	1161417-9



Clips, drain hose

2800129A



Clip, coolant tube

2800128A

Service personnel: Please circulate, read and initial

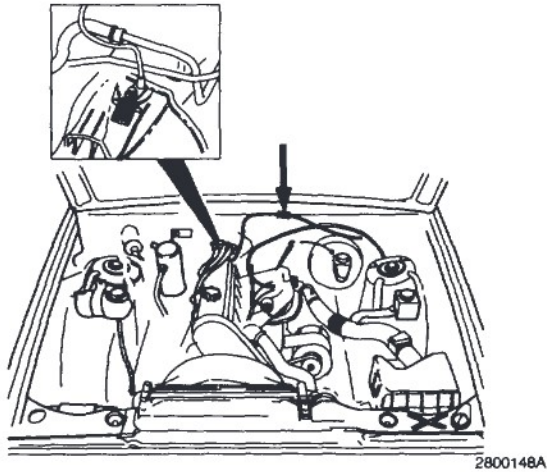
Service Manager	Parts Manager	Workshop Manager	Workshop Foreman	Service Technicians							

Index : 038769



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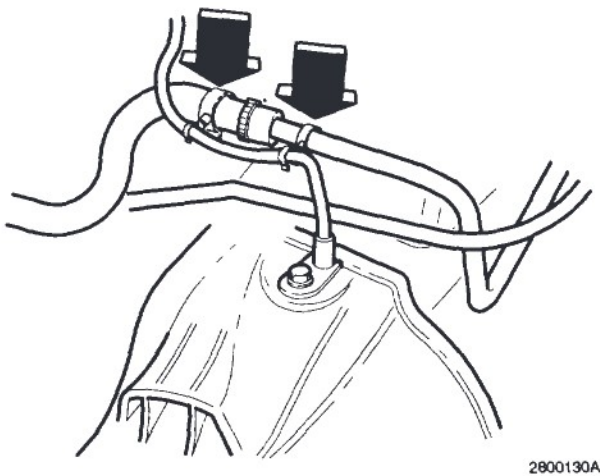


## Replacement of RPM sensor, method

Remove RPM sensor connector at the firewall.

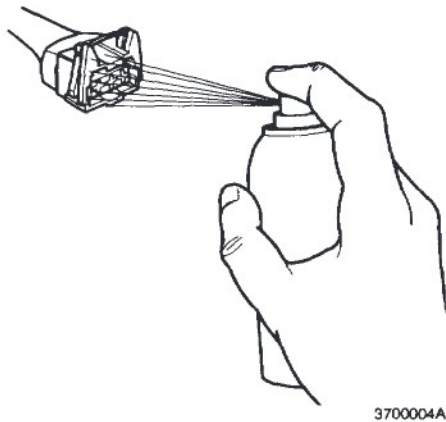
Remove the RPM sensor from the bracket on the gearbox.

Install the new RPM sensor. Torque to 8 Nm (6 ft. lbs).



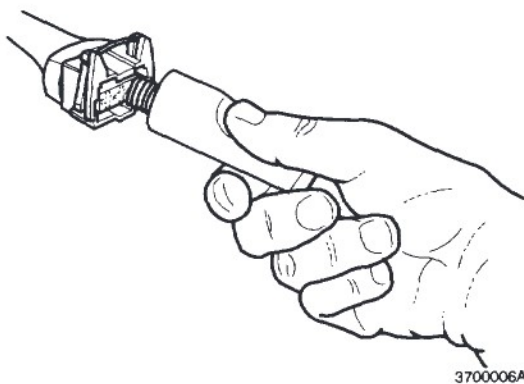
Install the small clip, P/N 3549774-8, on the coolant pipe and the large one, P/N 9146999-9, on the hose.

Install the RPM sensor cable in the clips as shown in the picture.



## Check connectors

The connector sections should be greased. If they are not greased, spray rust solvent P/N 1161435-1 onto the connector halves.

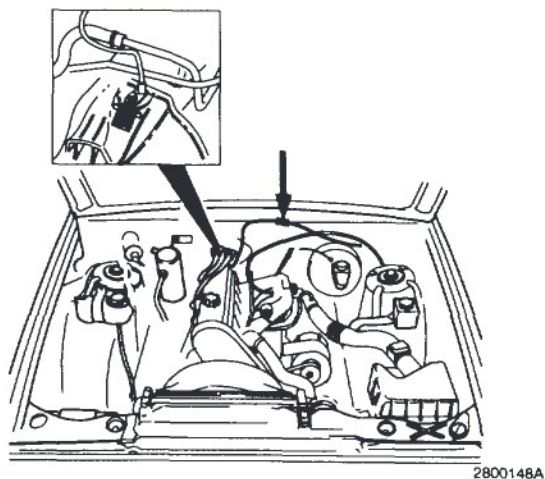


Grease the connector (if this has not been done already)

Squeeze grease, P/N 1161417-9 into female contact directly from the tube.

Make sure that all the cavities in the housings are filled.

Do not fill the protective cover with grease.

**Replace the connector**

Make sure that the seal is firmly seated before replacing the connector.



**Start the motor and let it run for about 1/2 minute.**  
Reset the diagnostic (OBD) system.

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**WARRANTY STATEMENT:** Claims may be submitted under the New Car Limited Warranty when a manufacturing defect is present using claim type: 01

Operation No.	Labor description	Time allowance
282912	RPM sensor replace	0.3 hr
283053	Reset DTCs	0.3 hr