

Crankshaft Position Sensor: Customer Interest
Engine - Hard Starting and Detonation

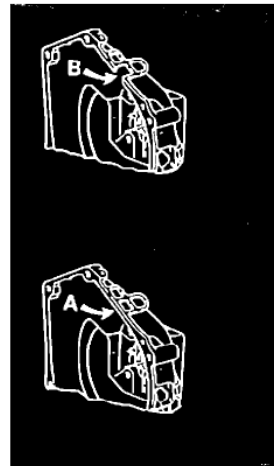
Subject: Shielding Sleeve for Reference Mark

Sensor to Correct Hard Starting and Detonation (Ping)
 Model 924S, 944, 944S, 944 Turbo
 Group

2
 Part Identifier

N/A
 Number

8703
 February 20, 1987



For Model '87 the opening in the clutch housing (Arrow B) for the speed and reference sensors is slotted. Because of this, it is possible that the reference mark sensor **may be inadequately shielded from magnetic interference from the starter during cranking.**

(the reference)

If detonation (pre-ignition) occurs during cranking and **starter operation is labored,** a reference sensor shielding sleeve and bracket should be installed.

The reference sensor shielding sleeve is installed in production from VIN:

92 HN 453769	924S
94 HN 472809	944
94 HN 451857	944S
95 HN 151023	944 Turbo

It is planned to modify the clutch housing opening for the speed and reference sensors (Arrow A) for improved shielding effect. In the future, instead of slots will be used.

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