

TO: SERVICE MANAGER TECHNICIANS
PARTS MANAGER

No. 89-7

HEI Distributor Shaft Roll Pin Hole Oversized

There have been some HEI distributors manufactured with the roll pin hole drilled oversize in the shaft that hold the drive gear on. The roll pins may be loose in varying degrees. Some pins can be pushed out easily, while others may be pushed out in only one direction. The affected engine serial numbers are listed on the reverse side of this bulletin. These engines must have their distributors checked. If roll pins are found to be loose, replace distributor using normal warranty procedure.

Carter Fuel Pump Use on MCM/MIE 7.4L and 454 Magnum

MerCruiser is now using a Carter fuel pump along with an Airtex fuel pump in production on MCM/MIE 7.4L and 454 Magnums. The new Carter pump is also in Service Stock P/N 812454A1 and must use fuel line P/N 32-19037T. The specifications for the new Carter pump are:

Pump Pressure (1800 RPM)	4.5 – 6.5 PSI (31 – 44 kPa)
Push Rod Length	5.76 in. (1 46304mm)
Push Rod Movement	.344 in. (8.7376mm)
Fastener Location	lb. ft. (N.m)
Fuel Inlet Fitting*	10 – 18 (14 – 25)
Fuel Line to Fuel Inlet Fitting	Securely
Fuel Line to Fuel Outlet Fitting	Securely
Fuel Outlet Fitting NOTE 1	10 – 18 (14 – 25)
Fuel Pump to Block	20 (27)

**NOTE 1: Coat fuel line inlet and outlet fitting threads with Loctite Pipe Sealant with Teflon, DO NOT use teflon tape. Torque to specifications.*

New Prestolite Alternator

Prestolite has bought Motorolas' alternator division. MerCruiser alternators will be unchanged but will have the Prestolite name on it.

454 MAGNUM

OC407599
 THRU
 OC407646
 OC409189
 OC409191
 OC409194
 OC409198
 OC409203
 OC409205
 OC409209
 OC409210
 OC409214
 OC409215
 OC409216
 OC409219
 THRU
 OC409237

4.3L

OC408138
 OC408141
 OC408143
 OC408144
 OC408146
 OC408148
 OC408149
 OC408150
 OC408151
 OC408154
 OC408155
 OC408156
 OC408159
 OC408160
 OC408154
 OC408168
 OC408171
 OC408183
 OC408184
 OC408210
 OC408235

4.3LX

OC408906
 OC408910
 OC408911
 OC408913
 OC408914
 OC408917
 OC408946
 OC408948
 OC408953

OC408955
 OC408956
 OC408961
 THRU
 OC408973
 OC408975
 THRU
 OC408978
 OC408986
 OC408988
 OC408990
 OC408996
 OC409006

4.3LX

OC407550
 THRU
 OC407598

5.0LX

OC407815
 OC407946
 OC407996
 OC408000
 OC408003
 OC408021
 OC408038
 OC408733
 OC409061
 OC409062
 OC409069
 OC409071
 OC409084
 OC409196

5.0L

OC396007
 OC396020
 OC396071
 OC396072
 OC396074
 OC396075
 OC396078
 OC396079
 OC396082
 OC396084

5.7MCM/MIE

OC396085
 OC396086
 OC396091
 OC396092

OC396094
 OC396095
 OC396096
 OC396104
 OC396105
 OC396106
 OC396107
 OC396166
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 OC396180
 OC396183
 OC396187

7.4MCM/MIE

OC396289
 OC396290
 OC396291
 OC396400
 OC396401
 OC396895
 OC396903
 OC396905
 OC396906
 OC396908
 OC396916
 OC396920
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OC396950
 OC396951
 OC396952
 OC396954
 THRU
 OC396967
 OC408039
 OC408302
 OC408307
 OC408314
 OC408318
 OC408359
 OC408734
 OC408736
 OC408737
 OC408738
 OC408739
 OC408772