

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)
<b>Fastener Location</b>	<b>lb. ft. (N.m)</b>
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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 OC396178  
 OC396180  
 OC396183  
 OC396187

**7.4MCM/MIE**

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