

# SERVICE BULLETIN

DATE: 12 June 1991  
MODEL: Universal M18, M25 & M25XP  
SUBJECT: DC Alternator Mounting

#193

Westerbeke Corporation has become aware that some early model Universal M18, M25 and M25XP marine engines having the DC charging alternator mounted directly to the front gear case cover have experienced failure of the gear case cover at this mounting point.

Owners of these early Universal models are encouraged to inspect their units and if they find the DC charging alternator mounted directly to the front gear case cover that they purchase a conversion kit PN# 256891 that will allow for mounting of the alternator on a bracket that is attached to the engine's exhaust manifold as later model engines were configured to. The illustration with this bulletin lists the kit components and shows their location on the engine.

If failure of the mounting area on the front gear case cover has occurred, two approaches can be taken to repair it.

1. The gear case cover can be removed from the engine and the gear case cover which is cast aluminum may be repaired by heliarc and reinstalled on the engine.

Items needed to accomplish this:

Qty	PN#	Description
1	300180	Case Gasket
3	300160	"O" Rings
1	298485	R/W Pump Gasket
1	300204	F/W Pump Gasket
1	299545	Throttle Plate Gasket

2. Removing the gear case cover and replacing it with a new gear case cover.

Items needed to accomplish this:

Qty	PN#	Description
1	300180	Case Gasket
3	300160	"O" Rings
1	298485	R/W Pump Gasket
1	300204	F/W Pump Gasket
1	299545	Throttle Plate Gasket
1	300140	Gear Case
1	299404	Oil Seal