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Technical Update

#46, January 2002 Ford Side Mount PMGR Starters (Lester 3264, WAI 2-1712-FD)

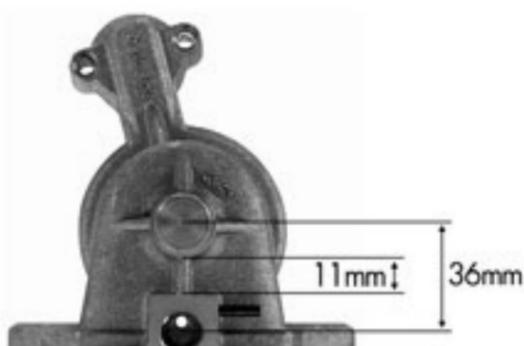


In 2000, the Ford side mount starter used on (2002-96) Ford Taurus, Mercury Sable w/ 3.0L DOHC engine was superseded by Ford from a 10-tooth drive starter to a 12-tooth drive design. The D.E. housing and reduction gear were also modified. This has created assembly problems when these parts are mixed between the two different designs.

The starters are interchangeable as a complete assembly but care must be taken if the component parts are mixed during tear down and assembly. The D.E. housings are not interchangeable without the mating starter drive and reduction gear.

10-Tooth Starter Design (2000-96)

Ford Starter Nos: F5OU-11000-AA, F5OY-11002-A, SA-818; YF1U-11000-BA, YF1Z-11002-BA, SA-888



D.E. Housing stamped F5OU-11131-AA (WAI 51-256)
36.0mm center of drive shaft to center of reduction gear shaft
(11mm length of web in casting)



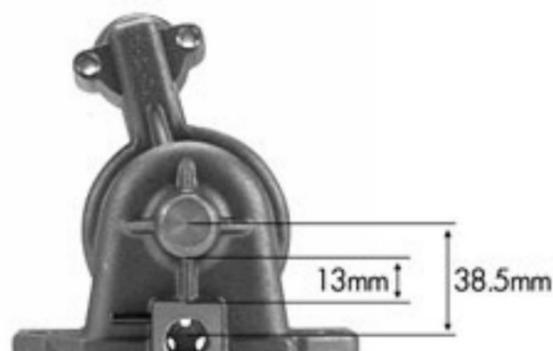
Reduction Gear (WAI 76-2821)
22-Tooth, 51.7mm Gear OD
37.8mm Collar OD



Drive (WAI 54-212)
10-Tooth, 28mm Pinion OD

12-Tooth Starter Design (2002-00)

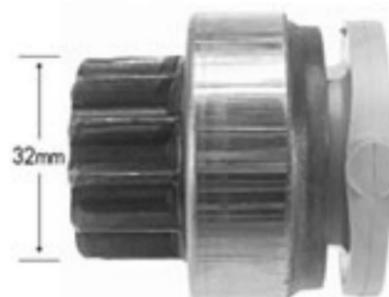
Ford Starter Nos: 1F1U-11000-AA, 1F1Z-11002-AA, SA-896



D.E. Housing stamped 1F1U-11131-AA
38.5mm center of drive shaft to center of reduction gear shaft
(13mm length of web in casting)



Reduction Gear (WAI 76-2827)
22-Tooth, 51.7mm Gear OD
41.8mm Collar OD



Drive (WAI 54-215)
12-Tooth, 32mm Pinion OD



The plastic retainer for attaching the drive to the shift lever has been redesigned with two flat areas to allow for the larger 41.8mm reduction gear collar.

WAI is modifying the plastic retainer on all Ford PMGR drives to include the two flat areas. This modification will allow the later style reduction gear (WAI 76-2827) to be used in earlier applications.

[Information or questions:](#)

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