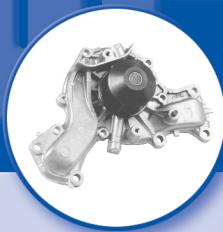


# CARDONE ProTech

Supporting Today's Professional Technician



## Difference between 58-147 and 58-320

### Application:

G.M. Water Pumps - CARDONE Part Numbers 58-147 and 58-320.

### Problem:

The original pulley studs or bolts do not fit the replacement unit, causing cross-threaded or stripped hub bolt holes on replacement unit.

### Cause:

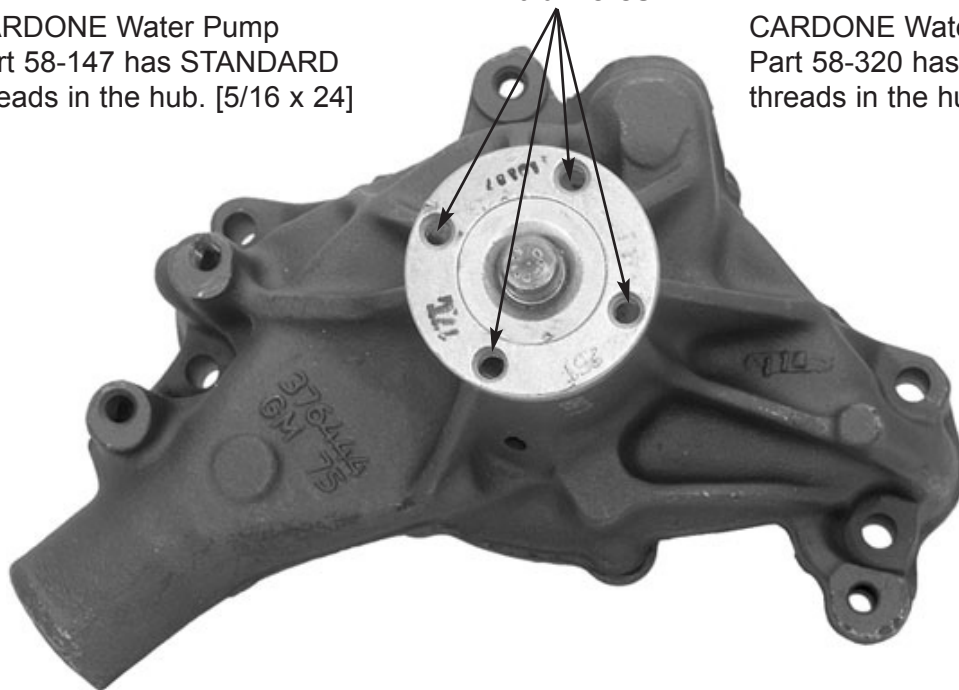
Use of incorrect studs in hub bolt holes or the wrong pump.

### Solution:

Verify the water pump application. The pumps are similar except for the tapped hub hole threads.

CARDONE Water Pump  
Part 58-147 has STANDARD  
threads in the hub. [5/16 x 24]

### 4 Hub Holes

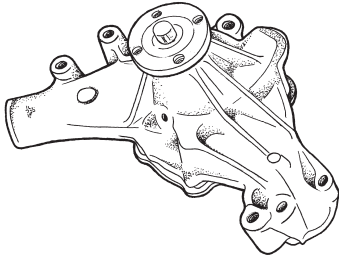


CARDONE Water Pump  
Part 58-320 has METRIC  
threads in the hub. [8 x 1.25]

For other ProTech publications, visit [www.cardone.com](http://www.cardone.com)  
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# Water Pumps

## Remanufactured Best by CARDONE<sup>®</sup>



- Smog Air Pumps
- Vacuum Pumps
- Water Pumps

**Bearings** - Because CARDONE insists on high quality and reliability in every part, our use of bearings is dependent upon the type of application.

Ball/Ball bearings are used mainly on passenger cars and light duty truck applications. Ball/Roller bearings are used mainly on high torque applications, because they are more durable. This is because the roller takes up more surface area on the shaft.

CARDONE recognizes that high torque applications require Ball/Roller bearings. Therefore, when required, CARDONE will replace Ball/Roller bearings with Ball/Roller and **not substitute** a Ball/Ball bearing like some competitors. In various instances, a water pump with an OEM supplied Ball/Ball bearing is **upgraded** to a Ball/Roller bearing in order to better meet the application requirements.



Ball/Roller

Ball/Ball

- 36 month or 36,000 mile warranty
- Contact your local auto parts store or visit our web site, [www.cardone.com](http://www.cardone.com), for more information on this and other CARDONE products today!

