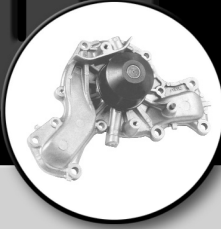# CARDONE ProTech

Supporting Today's Professional Technician

ProTech Bulletin Summary: Water Pumps

Before replacing the water pump, the cause of original unit failure must be determined and corrected. Installing a replacement unit without correcting the problem will lead to early failure. Always refer to the vehicle service manual for specific installation procedures and specifications. The ProTech bulletins listed below cover topics that will assist with part selection, describe typical water pump problems and solutions, and provide installation help and service advice.

Before Installation:

58-0002 Shaft broken: Most common cause

58-0003 Critical dimensions to ensure correct unit

58-0006 58-147 58-320 difference guide

58-0007 1992-97 Dodge truck ID guide

58-0008 CARDONE upgrade solves 58-329 bearing problem

58-0009 Pump rotation: normal or reverse?

58-0010 1997 Chrysler 3.5L 3 or 6 mounting holes?

58-0011 Common cause of bearing failure: fan clutch

58-0012 58-551 original impeller failure causes

58-0013 58-562 and 58-13411 correct bleeding prevents overheating

58-0015 58-227, 228, 334 casting differences due to OE consolidations

58-0014 Failure diagnosis and installation tip guide

During Installation:

58-0001, 58-103 Correct belt arrangement

58-0004 Ford 4.9L installation caution

58-0005 Ford, International 6.9L diesel mandatory spacer prevents injector pump damage

CARDONE Technical Service develops ProTech bulletins that are intended to help the installer avoid common installation and service errors. The information presented is derived from our own experience and product knowledge gained from component analysis and research. Following these tips will ensure the best possible performance and service life of the replacement unit.

Please note that these bulletins are provided for your technical information only and are not authorization for repair.