HOW TO USE THIS MANUAL

To assist in finding your way through this manual, the Section Title and major heading are given at the top of every page.

An **INDEX** is provided on the 1st page of each section to guide you to the item to be repaired.

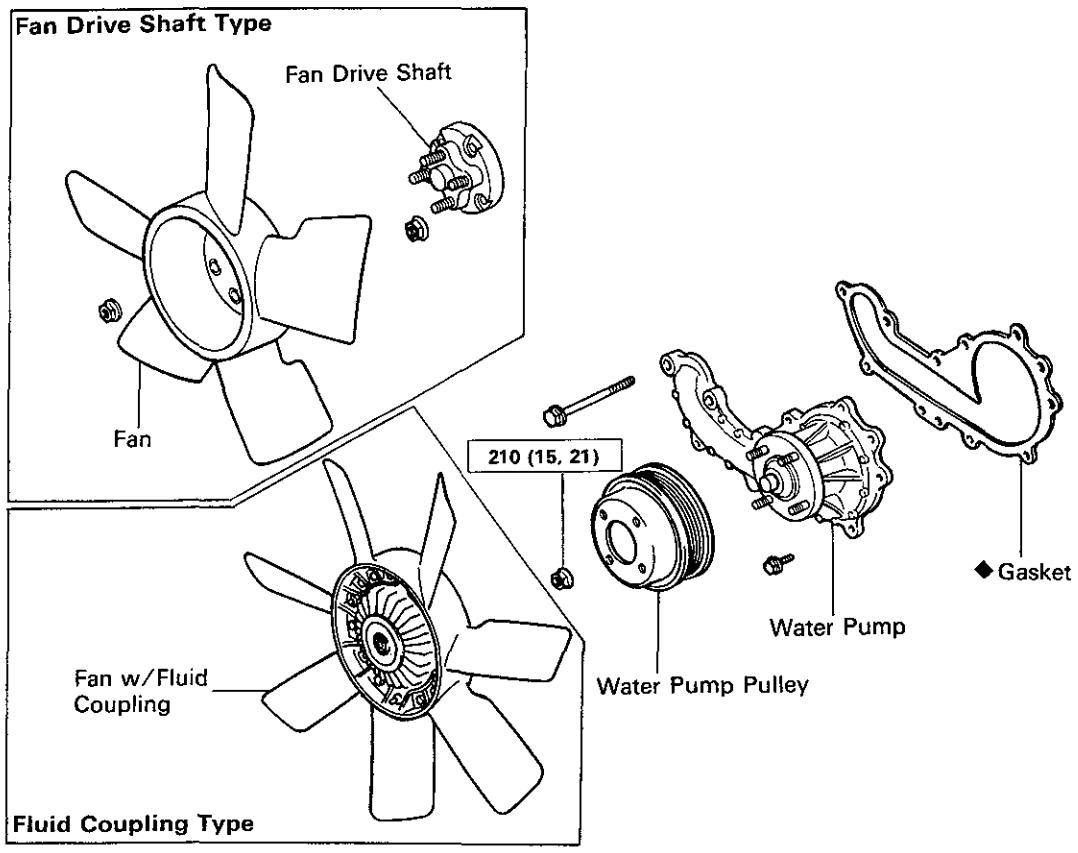
At the beginning of each section, **PRECAUTIONS** are given that pertain to all repair operations contained in that section. *Read these precautions before starting any repair task.*

TROUBLESHOOTING tables are included for each system to help you diagnose the system problem and find the cause. The repair for each possible cause is referenced in the remedy column to quickly lead you to the solution.

REPAIR PROCEDURES

Most repair operations begin with an overview illustration. It identifies the components and shows how the parts fit together.

Example:



kg-cm (ft-lb, N·m) : *Specified torque*
◆ Non-reusable pats

C00864

The procedures are presented in a step-by-step format:

- The illustration shows *what* to do and *where* to do it.
- The task heading tells *what* to do.
- The detailed text tells *how* to perform the task and gives other information such as specifications and warnings.

Example:

Illustration: what to do and where

Task heading: what to do

3. DISCONNECT CONNECTING ROD FROM PISTON

Using SST, press out the pin from the piston.

SST 09221-25024 (09221-00020, 09221-00030, 09221-00081, 09221-00190, 09221-00200)

Set part No. *Component part No.*

Detailed text: how to do task

Using a thickness gauge, neasure the clearance between the piston ring and the ring land.

Standard ring groove clearance: 0.03 – 0.07 mm (0.012 – 0.0028 in.)

Specification

This format enables the experienced technician to have a FAST TRACK. He can read the task headings and only refer to the detailed text when he needs it. Important specifications and warnings always stand out in bold type.

REFERENCES

References have been kept to a minimum. However, when they are required you are given the page to go to.

SPECIFICATIONS

Specifications are presented in bold type throughout the text in the applicable step. You never have to leave the procedure to look up your specs: All specifications are also found in Appendix A, Specifications, for quick reference.

CAUTIONS, NOTICES HINTS:

- CAUTIONS are presented in bold type, and indicate there is a possibility of injury to you or other people.
- NOTICES are also presented in bold type, and indicate there is a possibility of damage to the components being repaired.
- HINTS are separated from the text but do not appear in bold. They provide additional information to more efficiently help you perform the repair.