

HOW TO USE THIS MANUAL

IN00U-94

GENERAL INFORMATION

1. INDEX

An INDEX is provided on the first page of each section to guide you to the item to be repaired. To assist you in finding your way through the manual, the section title and major heading are given at the top of every page.

2. PRECAUTION

At the beginning of each section, a PRECAUTIONS is that pertains to repair operations contained in that section. are given.

Read these precautions before starting any repair work.

3. TROUBLESHOOTING

The TROUBLESHOOTING tables are included for each system. Be sure to read the fundamentals of how to proceed with troubleshooting on [page IN-9](#).

Be sure to read this before performing troubleshooting.

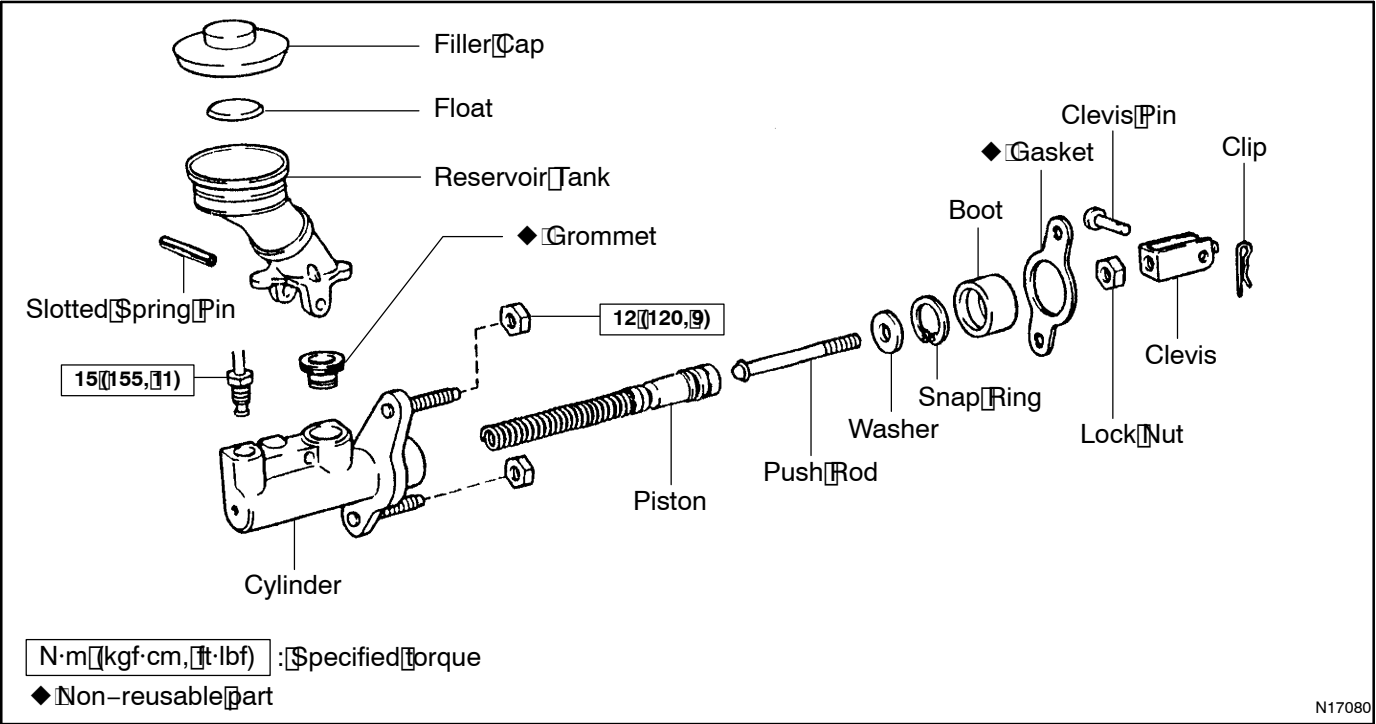
4. PREPARATION

The Preparation section lists the Special Service Tools (SST), recommended tools, equipment, lubricants and Special Service Materials (SSM) that should be prepared before beginning. It also explains the purpose of each one.

5. REPAIR PROCEDURES

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

Example:



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

- The illustration shows what to do and where to do it.
- The task heading briefly describes what you will be doing.
- The detailed text shows step by step how to perform the task. It also gives information, such as specifications and warnings.

Example:

Task heading: what you will be doing

21. CHECK PISTON STROKE OF OVERDRIVE BRAKE

- (a) Place SST and a dial indicator onto the overdrive brake piston as shown in the illustration.

SST 09350-30020 (09350-06120)

Set part No.

Component part No.

Detailed text: how to perform task

- (b) Measure the stroke applying and releasing the compressed air (392 — 785 kPa, 4 — 8 kgf/cm² or 57 — 114 psi) as shown in the illustration.

Piston stroke: 1.40 — 1.70 mm (0.0551 — 0.0669 in.)

Specification

*Illustration:
what to do and where*

This format provides the experienced technician with a FAST TRACK to the information needed. The upper case task heading are easy to read and the text below it provides detailed information. Important specifications and warnings are always written in bold-faced text.

6. REFERENCES

REFERENCES are instances where you are given a page to refer to for more information. They have been kept to a minimum.

7. SPECIFICATIONS

SPECIFICATIONS are printed in bold-faced text throughout the text where needed. They are also found in Service Specifications section for quick reference.

8. CAUTIONS, NOTICES, HINTS:

- CAUTIONS are in bold-faced text, and indicate there is a possibility of injury to you or other people.
- NOTICES are also in bold faced text, and indicate the possibility of damage to the components being repaired.
- HINTS are separated from the detailed text but are not in bold-faced text. HINTS provide additional information to help you perform repairs.

9. SI UNIT

The UNITS used in this manual comply with the the SI UNITS (International System of Unit) standard. For your convenience, we also provide units from the metric system and the English system.

Example:

Torque: 30 N·m (310 kgf·cm, 22 ft·lbf)