# HOW TO TROUBLESHOOT ECU CONTROLLED SYSTEMS

IN031–10

## GENERAL INFORMATION

A large number of ECU controlled systems are used in the HIACE/HIACE S.B.V. and HILUX. In general, the ECU controlled system is considered to be a very intricate system requiring a high level of technical knowledge and expert skill to troubleshoot. However, the fact is that if you proceed to inspect the circuits one by one, troubleshooting of these systems is not complex. If you have adequate understanding of the system and a basic knowledge of electricity, accurate diagnosis and necessary repair can be performed to locate and fix the problem. This manual is designed through emphasis of the above standpoint to help service technicians perform accurate and effective troubleshooting, and is compiled for the following major ECU controlled systems:

| System | Page |
|---|---|
| Engine (RCH series) | DI–1 |
| Engine (RZN series w/ Air Flow Meter) | DI–137 |
| Engine (RZN series w/o Air Flow Meter) | DI–162 |

The troubleshooting procedure and how to make use of it are described on the following pages.