

# FOREWORD

## TOYOTA MOTOR CORPORATION

TO MODEL INDEX

This **SUPPLEMENT** has been prepared to provide information covering general service repairs for the 1RZ,1RZ - E, 2RZ-FE, **3RZ - F and 3RZ - FE ENGINES** equipped on the **TOYOTA HILUX**.

**Applicable models:** **RZN**142, 144, 147, 148, 149, 154, 168, 169, 173, 174, 193 series

For the service specifications and repair procedures of the above model other than those listed in this supplement, refer to the following manuals.

| Manual Name                                                              | Pub.No. |
|--------------------------------------------------------------------------|---------|
| S 1RZ, 2RZ, 2RZ-E Engine Repair Manual                                   | RM167E  |
| S 2RZ, 2RZ-E Engine Repair Manual Supplement <b>N/A FOR THE HILUX</b>    | RM558E  |
| S 3RZ-F, 3RZ-FE Engine Repair Manual                                     | RM521E  |
| S 1RZ-E Engine Repair Manual                                             | RM467E  |
| S 1RZ, 2RZ-E Repair Manual For Emission Control <b>N/A FOR THE HILUX</b> | ERM055E |
| S 3RZ-F Repair Manual For Emission Control <b>N/A FOR THE HILUX</b>      | ERM103E |

All information in this manual is based on the latest product information at the time of publication. However, specifications and procedures are subject to change without notice.

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## CAUTION

This manual does not include all the necessary items about repair and service. This manual is made for the purpose of the use for the persons who have special techniques and certifications. In the cases that non-specialized or uncertified technicians perform repair or service only using this manual or without proper equipment or tool, that may cause severe injury to you or other people around and also cause damage to your customer's vehicle.

In order to prevent dangerous operation and damages to your customer's vehicle, be sure to follow the instruction shown below.

- S Must read this manual thoroughly. It is especially important to have good understanding all the contents written in the PRECAUTION of "IN" section.
- S The service method written in this manual is very effective to perform repair and service. When performing the operations following the procedures using this manual, be sure to use tools specified and recommended. If using non-specified or recommended tools and service method, be sure to confirm safety of the technicians and any possibility of causing personal injury or damage to the customer's vehicle before starting the operation.
- S If part replacement is necessary, must replace the part with the same part number or equivalent part. Do not replace it with inferior quality.
- S It is important to note that this manual contains various "Cautions" and "Notices" that must be carefully observed in order to reduce the risk of personal injury during service or repair, or the possibility that improper service or repair may damage the vehicle or render it unsafe. It is also important to understand that these "Cautions" and "Notices" are not exhaustive, because it is important to warn of all the possible hazardous consequences that might result from failure to follow these instructions.

# Toyota Hilux 3rz Engine Full Service Repair Manual 1999 2005

**JA Banks**



**Toyota Hilux 3rz Engine Full Service Repair Manual 1999 2005:**

**Toyota 3RZ-F, 3RZ-FE Engine** Toyota Motor Corporation,1999      **Toyota 3RZ-F, 3RZ-FE Engine Repair Manual**  
,2000      **Toyota 3F Engine Repair Manual** Toyota Jidōsha Kabushiki Kaisha. Overseas Service Department,1985  
Toyota 1RZ, 1RZ-E, 2RZ-FE, 3RZ-F, 3RZ-FE Engine Repair Manual Supplement ,1999      Toyota Hilux Max  
Ellery,2013-03-01 This comprehensive manual has step by step instructions for all chapters to help the weekend repairer or  
motor mechanic with everything from changing the oil there to solving and repairing sophisticated problems Engine chapters  
cover diesel engines 5L and 5LE 1KZ T and 1KZ TE turbocharged series Four cylinder petrol gasoline engines 4 Cylinder  
Petrol 1RZ E and 3RZ FE plus the V6 series 5VZ FE are also covered in detail Explicit instructions accompany ample  
photographs and live illustrations to help the reader work with minor or major work The comprehensive diesel fuel chapters  
cover injection components ECM values plus sensor checks for injection systems including injectors fuel pumps and fuel tank  
Petrol gasoline and Ignition chapters provide good detail on the ECM and injection systems for 1RZ E 3RZ FE and V6 engine  
5VZ FE including injectors fuel pump and fuel tank      **Toyota Hilux Chassis & Body, YN5-, 6-** ,1987      **Toyota Hilux/4  
Runner Diesel 1979-1997 Auto Repair Manual-LN, Diesel Eng 2 & 4 Wheel Drive** Max Ellery,2003-05-01 Step by step  
instructions with plenty of photographs plus detailed information on 4 cylinder L 2L 2L T and 3L vehicles including turbo  
versions from 1979 to 1997 2WD and 4WD LN Series for 30s 40s 50s 60s 120s and 130s body styles Engines all  
transmissions axles suspension brakes body wiring schematics problem solving plus more Tune up Maintenance Repairs  
Mechanical Bodywork Electrical diagrams Specifications Restoration Worldwide specifications Suitable for DIY enthusiast or  
the mechanic      **Toyota 3F Engine Repair Manual** ,1987      **Toyota Engine Repair Manual, 8R-C, 18R-C** Toyota  
Motor Sales, U.S.A., Inc,1972      **Toyota K Series Engine Repair Manual Includes 2K, 3K-B, 3K-C, 3K-H,4K-J.** Toyota  
Motor Sales Co. Ltd,1978

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