# DT-3300 Diagnostic Tester

## Software for Trucks & Buses

**Japan Venture Incorporated**

# TABLE OF CONTENTS

## Table of Diagnostic Software for 24V Vehicles (Trucks & Buses)

# 1.HINO DIAGNOSTIC SOFTWARE (Ver5.4*) List of Specific Vehicle System

| VEHICLE TYPE | REQUIRED SYSTEM | REQUIRED MODEL YEAR | READ FAULT CODE | FREEZE DISPLAY | DATA STREAM | WORK SUPPORT | ACTIVE TEST |
|---|---|---|---|---|---|---|---|
| DUTRO | ENG | 2002~ | ● | ● | ● | ● | ● |
| | A/T | 2003~ | ● | ● | ● | | |
| | ABS | 2003~ | ● | | ● | ● | ● |
| | SRS | 2003~ | ● | | | | |
| | BODY CONTROL | 2014~ | ● | | ● | ● | ● |
| | IMMOBILIZER | 2014~ | ● | | ● | | |
| RANGER | ENG | 2000~ | ● | ● | ● | ● | ● |
| | A/T | 2003~ | ● | ● | ● | | |
| | ABS | 2000~ | ● | | ● | ● | ● |
| | SRS | 2002~ | ● | | | | |
| PROFIA | ENG | 2000~ | ● | ● | ● | ● | ● |
| | SCR | 2010~ | ● | | | | |
| | ABS | 2000~ | ● | | | | |
| | SRS | 2002~ | ● | | | | |
| LIESSE | ENG | 2000~ | ● | ● | ● | ● | ● |
| | A/T | 2003~ | | ● | ● | | |
| | ABS | 2003~ | ● | | ● | ● | ● |
| | SRS | 2002~ | ● | | | | |
| PONCHO | ENG | 2000~ | ● | ● | ● | ● | ● |
| | A/T | 2003~ | | ● | ● | | |
| | ABS | 2003~ | ● | | ● | ● | ● |
| | SRS | 2002~ | ● | | | | |
| MELPHA | ENG | 1999~ | ● | ● | ● | | ● |
| | | | | | | | |
| | ABS | 1999~ | ● | | ● | | ● |
| | SRS | 1999~ | ● | | | | |
| RAINBOW | ENG | 2000~ | ● | ● | ● | | ● |
| | | | | | | | |
| | ABS | 2000~ | ● | | | | |
| | SRS | 2000~ | ● | | | | |
| BLUE RIBBON | ENG | 2000~ | ● | ● | ● | | ● |
| | | | | | | | |
| | ABS | 2000~ | ● | | | | |
| | SRS | 2000~ | ● | | | | |
| SELEGA HIGH DECKER | ENG | 2000~ | ● | ● | ● | | ● |
| | | | | | | | |
| | ABS | 2000~ | ● | | | | |
| | SRS | 2000~ | ● | | | | |

NOTE: The engine diagnostic function supports common rail, electronic governor and mechanical governors engines.

## 2.HINO DIAGNOSTIC SOFTWARE (Ver5.4*) List of Engines

| CLASSIFI-CATION | VEHICLE MODEL NAME | VEHICLE MODEL | ENGINE MODEL | REQUIRED MODEL YEAR | | DIAGNOSTIC COUPLER | |
|---|---|---|---|---|---|---|---|
| | | | | Japanese Calendar | Western Calendar | COM | EXCL |
| LIGHT-DUTY TRUCK | DUTRO | KK | S05C, S05D | '14.06～ | '02.06～ | ● | |
| | | PA, PB | S05D, J05D | '16.05～ | '04.05～ | ● | |
| | | PA, PB | N04C | '17.04～ | '05.04～ | ● | |
| | | BKG | N04C | '18.09～ | '06.09～ | ● | |
| | | PDG | N04C | '18.09～ | '06.09～ | ● | |
| | | SKG | N04C | '23.09～ | '11.09～ | ● | |
| | | TKG, TQG | N04C | '25.05～ | '13.05～ | ● | |
| MEDIUM-DUTY TRUCK | RANGER | KC, KK | J07C, J08C, J05C | '09.10～ | '97.10～ | ● | |
| | | PA, PB | J05D, J07E | '15.10～ | '03.10～ | ● | |
| | | ADG | J07E, J08E | '17.05～ | '05.05～ | ● | |
| | | BDG | J07E, J08E | '18.09～ | '06.09～ | ● | |
| | | SKG | J05E, J07E | '23.10～ | '11.10～ | ● | |
| | | SDG | J05E | '23.07～ | '11.07～ | ● | |
| | | TKG, LKG, QKG | J07E | '22.07～ | '10.07～ | ● | |
| | | LDG, TQG | J08E | '23.07～ | '11.07～ | ● | |
| | | | | | | | |
| HEAVY-DUTY TRUCK | PROFIA | KC, KL | K13C, P11C | '09.10～ | '97.10～ | ● | |
| | | KS | P11C | '15.11～ | '03.11～ | ● | |
| | | PK | E13C | '15.11～ | '03.11～ | ● | |
| | | ADG | E13C | '18.02～ | '06.02～ | ● | |
| | | BKG | E13C | '18.07～ | '06.07～ | ● | |
| | | BDG, QPG | A09C | '19.04～ | '07.04～ | ● | |
| | | LKG, QKG | E13C | '22.07～ | '10.07～ | ● | |
| | | LDG, QPG, QDG | E13C | '22.07～ | '10.07～ | ● | |
| LIGHT-DUTY BUS | PONCHO | ADG | J05D | '18.03～ | '06.03～ | ● | |
| | | BDG | J05D | '19.07～ | '07.07～ | ● | |
| | LIESSE | PB | J05D | '04.08～ | '04.08～ | ● | |
| | | BDG | J05D | '19.06～ | '07.06～ | ● | |
| | LIESSE Ⅱ | BDG, PDG | N04C | '19.07～ | '07.07～ | ● | |
| | | | | | | ● | |
| MEDIUM-DUTY BUS | MELPHA | KK, PB, BDG | J08C, J08E | '09.10～ | '97.10～ | ● | |
| | | PKG, LKG, SDG | J07E | '16.08～ | '04.08～ | ● | |
| | RAINBOW | KK, KL | J08C, P11C | '9.10～ | '97.10～ | ● | |
| | | PB, BDG | J07E, J08E | '16.08～ | '04.08～ | ● | |
| | | LKG, SDG | 4HK1 | '23.11～ | '11.11～ | ● | |
| | | KK | J08C | '09.10～ | '97.10～ | ● | |
| HEAVY-DUTY BUS | BLUE RIBBON | PJ | 6HK1 | '16.12～ | '04.12～ | ● | |
| | | LKG, SDG | 6HK1 | '22.08～ | '10.08～ | ● | |
| | | ADG | E13C | '16.08～ | '04.08～ | ● | |
| | SELEGA HD | QRG, QPG | E13C, A09C | '16.08～ | '04.08～ | ● | |
| | | BDG | J08E | '24.05～ | '12.05～ | ● | |

## 3.HINO DIAGNOSTIC SOFTWARE (Ver5.4*) List of Diagnostic Functions

| SYSTEM | MAIN-FUNCTION | SUB-FUNCTION | CONTENTS |
|---|---|---|---|
| ENGINE | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | POWER BALANCE | Stops fuel injection at cylinder #1~/#6. |
| | | VNT OPENING | Tests increase/decrease of VN turbo opening. |
| | | HIGH-PRESSURE FUEL SYSTEM | Inspects high pressure fuel system. |
| | | EGR OPENING | Test increase/decrease of EGR Valve opening. |
| | | OBJECTIVE ENGINE SPEED | Sets the idling speed. |
| | | INTAKE THROTTLE OPENING | Tests intake throttle valve opening. |
| | | EXHAUST BRK OPERATION | Checks exhaust brake operation. |
| | | ENG RETARDER 2 OPR'N | Checks engine retarder 2 operation. |
| | | ENG RETARDER 1 OPR'N | Checks engine retarder 1 operation. |
| | | PULSE EGR SOL VALVE | Checks pulse EGR SOL valve operation. |
| | | EGR SOLENOID VALVE 3 | Checks EGR solenoid valve 3 operation. |
| | | EGR SOLENOID VALVE 2 | Checks EGR solenoid valve 2 operation. |
| | | EGR SOLENOID VALVE 1 | Checks EGR solenoid valve 1 operation. |
| | | VGT SOLENOID VALVE 3 | Checks VGT solenoid valve 3 operation. |
| | | VGT SOLENOID VALVE 2 | Checks VGT solenoid valve 2 operation. |
| | | VGT SOLENOID VALVE 1 | Checks VGT solenoid valve 1 operation. |
| | | ENGINE STOP | Checks engine stop. |
| | | PCV SOL VALVE 2 Stop | Checks PCV solenoid valve 2 stop. |
| | | PCV SOL VALVE 1 Stop | Checks PCV solenoid valve 1 stop. |
| | | PRE-HEAT RELAY OPR'N | Checks pre-heat relay operation. |
| | | TC TERMINAL ON | Displays the diagnostic batch combination meter. |
| | | COMMON RAIL PRESSURE | Sets common rail pressure value. |
| | | VARIABLE TIMING | Sets the injection timing |
| | | ENGINE SPEED | Sets the engine speed. |
| | | PRE-LIFT VARIABLE QTY | Sets the pre-lift variable quantity. |
| | | EXHAUST BRAKE VALVE | Checks exhaust brake solenoid valve operation. |
| | | FSV SOLENOID VALVE | Checks intake air control valve operation. |
| | | CBCS1 SOLENOID VALVE | Checks CBCS1 solenoid valve operation. |
| | | CBCS2 SOLENOID VALVE | Checks CBCS2 solenoid valve operation. |
| | | EGR AIR CUT SOLENOID VALVE | Checks EGR air cut solenoid valve operation. |
| | | EGR CUT SOLENOID VALVE | Checks EGR cut solenoid valve operation. |
| | | CBCS1 SOLENOID VALVE | Checks CBCS1 solenoid valve operation. |
| | | CBCS2 SOLENOID VALVE | Checks CBCS2 solenoid valve operation. |
| | | EGR AIR CUT SOLENOID VALVE | Checks EGR air cut solenoid valve operation. |
| | | EGR CUT SOLENOID VALVE | Checks EGR cut solenoid valve operation. |
| | | NOISE SUPPRESSOR | Checks noise suppressor solenoid valve |
| | | NOISE SUPPRESSOR 2 | Checks noise suppressor 2 solenoid valve |
| | | INTAKE SHUTTER | Checks intake shutter solenoid valve operation. |
| | | EXHAUST BRAKE LAMP | Checks exhaust brake lamp ON/OFF operation. |
| | | AUX BRAKE RELAY 1 | Checks auxiliary brake relay 1 operation. |
| | | AUX BRAKE RELAY 2 | Checks auxiliary brake relay 2 operation. |
| | | ACCELERATOR LINK RELAY | Checks accelerator inter-lock relay operation. |

NOTE:  The contents of the display, active test and work support diagnostic functions may
       differ depending on the vehicle model and model year.

# 3. HINO DIAGNOSTIC SOFTWARE (Ver5.4*) List of Diagnostic Functions

| SYSTEM | MAIN-FUNCTION | SUB-FUNCTION | CONTENTS |
|---|---|---|---|
| ENGINE | ACTIVE TEST | TURBO WARNING FUNCTION | Checks turbo warning function operation |
| | | MULTIPLE DISPLAY FUNC | Checks multiple function operation. |
| | | HEATER RELAY | Checks heater relay operation. |
| | | CHECK ENGINE LAMP | Checks engine lamp ON/OFF operation. |
| | | PRE-HEAT LAMP ° | Checks pre-heat lamp ON/OFF operation. |
| | WORK SUPPORT | ID CODE CHECK | Checks the Injector ID Code of each Cylinder. |
| | | ID CODE MANU REGISTRATION | Registers ID code during injector replacement. |
| | | READ/STORE ID CODE | Reads & records ID code before ECM replacement. |
| | | ID CODE AUTO REGISTRATION | Writes recorded ID code after ECM replacement. |
| | | PUMP INITIALIZATION | Clears and initializes supply pump learning value. |
| | | DPR FORCED REGENERATION | Removes accumulated PM in DPR thru repeat combustion. |
| | | DPR STATUS DISPLAY | Displays the DPR status history/records. |
| | | DPR STATUS RESET | Clears the DPR status history/records. |
| | | DPR DIFFERENTIAL PRESSURE CHECK | Displays the DPR inlet/outlet differential exhaust pressure. |
| | | PM ACCUMULATED QUANTITY HISTORY INITIALIZATION | Clears the accumulated PM data history. |
| | | ENGINE HISTORY INITIALIZATION | Clears the engine data history. |
| | | CRUISE SPEED ADJUSTMENT | Performs cruise speed setting. |
| | | SPEED LIMITER CANCELLATION | Performs release of vehicle speed limiter. |
| | | SPEED LIMITER ADJUSTMENT | Performs vehicle speed limiter adjustment. |
| | | SYSTEM OPERATION HISTORY INITIALIZATION | Clears data system history. |
| AT | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | SHIFT POSTION FIXED | Specifies the irregular position |
| | WORK SUPPORT | AT INITIALIZATION | Initializes during AT body & ECU replacement. |
| ABS | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | ABS SOLENOID | SFRH Drive |
| | | | RR Drive |
| | | | LH Drive |
| | | | LR Drive |
| | | | SRRH DRive |
| | | VSC SOLENOID | VSC Solenoid Drive |
| | | SOLENOID RELAY | Checks solenoid relay operations. |
| | | ABS MOTOR RELAY | ABS Motor Relay Drive |
| | | ABS LAMP | Checks ABS lamp ON/OFF operation. |
| | | BRAKE WARNING LAMP | Brake Warning Lamp ON/OFF |
| | WORK SUPPORT | CLEAR BACK-UP MEMORY | Clears the C/U memory. |

NOTE: 1. The contents of the display, active test and work support diagnostic functions may differ depending on the vehicle model and model year.

2. Engine work support functions (cruise speed adjustment, speed limiter cancellation, speed limiter adjustment) supports vehicle model KL with model year 2000~2003 only.

3. The speed limiter can be set from 35 km/hour up to 120 km/hour, however speed limit can only be up to 80km/hour when running.

## 3. HINO DIAGNOSTIC SOFTWARE (Ver5.4*) List of Diagnostic Functions

| SYSTEM | MAIN-FUNCTION | SUB-FUNCTION | CONTENTS |
|---|---|---|---|
| VEHICLE CONTROL | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | STOP & START OFF LAMP | Display Lamp ON/OFF |
| | | STOP & START OPERATING LAMP | Display Lamp ON/OFF |
| | | DIAGNOSTIC LAMP | Display Lamp ON/OFF |
| | | ESS LAMP | Display Lamp ON/OFF |
| | | EXHAUST BRAKE LAMP | Display Lamp ON/OFF |
| | | BRK LOCK VALVE RELAY 1 | Brake Lock Valve Relay 1 ON/OFF |
| | | BRK LOCK VALVE RELAY 2 | Brake Lock Valve Relay 2 ON/OFF |
| | | ACTUATOR RELAY | Actuator Relay ON/OFF |
| | | STARTER ON RELAY 1 | Starter ON Relay 1 ON/OFF |
| | | STARTER ON RELAY 2 | Starter ON Relay 2 ON/OFF |
| | | BLOWER VENTILATION DELAY RELAY | Blower Fresh Air Delay Relay ON/OFF |
| | | STARTER OPERATION COUNT CHECK | Displays starter operation count. |
| | WORK SUPPORT | STARTER OPERATION COUNT WRITING | Writes the starter operation count (Starter Replacement). |
| | | | |
| SRS | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| IMMOBILIZER | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |

NOTE:  The contents of the display, active test and work support diagnostic functions may
       differ depending on the vehicle model and model year.

## 4. ISUZU DIAGNOSTIC SOFTWARE (Ver7.5*) List of Specific Vehicle System

| VEHICLE TYPE | REQUIRED SYSTEM | REQUIRED MODEL YEAR | READ FAULT CODE | FREEZE DISPLAY | DATA STREAM | WORK SUPPORT | ACTIVE TEST |
|---|---|---|---|---|---|---|---|
| ELF | ENG | 2002~ | ● | | ● | ● | ● |
| | STOP IDLING | 2007~ | ● | | ● | ● | |
| | CLUTCH-FREE | 2002~ | ● | | ● | ● | |
| | SMOOTHER E | 2002~ | ● | | ● | ● | |
| | SMOOTHER Ex | 2007~ | ● | | ● | ● | |
| | ABS/ASR | 1998~ | ● | | ● | | ● |
| | BCM | 2006~ | ● | | ● | ● | ● |
| | IMMOBILIZER | 2006~ | ● | | | | |
| | MIMAMORI | 2007~ | ● | | ● | ● | |
| | SRS | 2002~ | ● | | | | |
| FORWARD | ENG | 1996~ | ● | | ● | ● | ● |
| | UREA SCR | 2010~ | ● | | ● | ● | ● |
| | SMOOTHER FX | 2004~ | ● | | ● | ● | |
| | STOP IDLING | 2007~ | ● | | ● | ● | |
| | ABS/ASR | 2004~ | ● | | ● | | ● |
| | ABS6 | 2007~ | ● | | ● | | ● |
| | BCM | 2006~ | ● | | ● | ● | ● |
| | IMMOBILIZER | 2006~ | ● | | | | |
| | SRS | 2006~ | ● | | | | |
| GIGA | ENG | 1996~ | ● | | ● | ● | ● |
| | UREA SCR | 2010~ | ● | | ● | ● | ● |
| | SMOOTHER G | 2006~ | ● | | | | |
| | AIR SUSPENSION | 2006~ | ● | | ● | ● | ● |
| | ABS6 | 2004~ | ● | | ● | | ● |
| | ESC | 2004~ | ● | | ● | | ● |
| | ABS/ASR CI12 | 2004~ | ● | | ● | | ● |
| | ABS/IESC | 2004~ | ● | | ● | | ● |
| | SRS | 2004~ | ● | | ● | ● | ● |
| | ISS | 2004~ | ● | | ● | ● | ● |
| JOURNEY | ENG | 2000~ | ● | | ● | ● | ● |
| | AT | 2004~ | ● | | ● | ● | ● |
| | ABS | 2004~ | ● | | ● | ● | ● |
| | SRS | 2004~ | ● | | | | |
| ERGA MIO | ENG | 2000~ | ● | | ● | ● | ● |
| | ISS | 2004~ | ● | | ● | ● | ● |
| | UREA SCR | 2010~ | ● | | ● | ● | ● |
| | ABS6 | 2011~ | ● | | ● | | ● |
| | SRS | 2004~ | ● | | | | |
| GALA MIO | ENG | 2000~ | ● | | ● | ● | ● |
| | SRS | 2004~ | ● | | | | |
| GALA | ENG | 2000~ | ● | | ● | ● | ● |
| | SRS | 2005~ | ● | | | | |
| ERGA | ENG | 1996~ | ● | | ● | ● | ● |
| | AT | 1998~ | ● | | ● | | |
| | UREA SCR | 2010~ | ● | | ● | ● | ● |
| | ABS6 | 2011~ | ● | | ● | | ● |
| | AIR SUSPENSION | 1998~ | ● | | ● | | |
| FORKLIFT | ENG | 2004~ | ● | | ● | ● | ● |

# 5. ISUZU DIAGNOSTIC SOFTWARE (Ver7.5*) List of Engines

| CLASSIFI-CATION | VEHICLE MODEL NAME | VEHICLE MODEL | ENGINE MODEL | REQUIRED MODEL YEAR | | DIAGNOSTIC COUPLER | |
|---|---|---|---|---|---|---|---|
| | | | | JAPANESE CALENDAR | WESTERN CALENDAR | COM | EXCL |
| LIGHT-DUTY TRUCK | ＥＬＦ | KK | 4HF1、4HF1-CNG | '11.01〜 | '99.01〜 | ● | |
| | | KK | 4HG1、4HG1-LPG | '11.04〜 | '99.04〜 | ● | |
| | | KK | 4HJ1 | '11.04〜 | '99.04〜 | ● | |
| | | KK | 4HK1-T | '12.12〜 | '00.12〜 | ● | |
| | | KR | 4HJ1 | '14.08〜 | '02.08〜 | ● | |
| | | KR | 4HL1 | '14.08〜 | '02.08〜 | ● | |
| | | PB | 4HG1(LPG) | '16.06〜 | '04.06〜 | ● | |
| | | PB | 4HF1(CNG) | '16.06〜 | '04.06〜 | ● | |
| | | PB | 4JG2(LPG) | '16.06〜 | '04.06〜 | ● | |
| | | PB | 4HL1-N | '16.06〜 | '04.06〜 | ● | |
| | | AFG | 4HV1(CNG) | '17.04〜 | '05.04〜 | ● | |
| | | PDG | 4HK1-TC | '18.12〜 | '06.12〜 | ● | |
| | | BKG, BDG | 4JJ1-TC | '18.12〜 | '06.12〜 | ● | |
| | | NFG | 4HV1(CNG) | '19.07〜 | '07.07〜 | ● | |
| | | SKG, TKG | 4JJ1-TCC, TCS, TCH | '23.05〜 | '11.05〜 | ● | |
| | | TRG, TPG | 4JJ1-TCC, TCS, TCH | '23.05〜 | '11.05〜 | ● | |
| MEDIUM-DUTY TRUCK | FORWARD | KL | 6HH1-(N)(S) | '08.04〜 | '96.04〜 | | ● |
| | | KK, KL | 6HL1-(N)(S) | '08.04〜 | '96.04〜 | | ● |
| | | KK, KL | 6HK1-TC | '08.04〜 | '96.04〜 | | ● |
| | | PJ | 6HK1-TC | '16.04〜 | '04.04〜 | | ● |
| | | PB | 6HL1-TC | '16.04〜 | '04.04〜 | | ● |
| | | PA | 6HK1-TC | '16.10〜 | '04.10〜 | | ● |
| | | PKG, PDG | 4HK1-TC | '19.05〜 | '07.05〜 | ● | |
| | | PDG | 4HK1(CNG) | '19.05〜 | '07.09〜 | ● | |
| | | SKG, TKG | 4HK1-TCC, TCS, TCH | '23.05〜 | '11.05〜 | ● | |
| | | TKG, LKG | 6HK1-TCC, TCS, TCH | '23.05〜 | '11.05〜 | ● | |
| | | | | | | | |
| HEAVY-DUTY TRUCK | GIGA | KC | 6WA1 | '08.02〜 | '96.02〜 | | ● |
| | | KC, KL | 8PE1-(N)(S) | '08.02〜 | '96.02〜 | | ● |
| | | KCKL | 10PE1-(N)(S)(H) | '08.02〜 | '96.02〜 | | ● |
| | | KL | 6WF1-TC | '11.06〜 | '99.06〜 | | ● |
| | | KL | 6WG1-TC | '10.06〜 | '98.06〜 | | ● |
| | | KL | 6SD1-TC | '12.08〜 | '00.08〜 | | ● |
| | | PJ | 6WF1-TC | '17.06〜 | '05.06〜 | | ● |
| | | PJ | 6WG1-TC | '17.07〜 | '05.07〜 | | ● |
| | | PJ | 6UZ1-TC | '17.07〜 | '05.07〜 | | ● |
| | | PKG, PDG | 6WG1-TC | '19.03〜 | '07.03〜 | ● | |
| | | PKG, PDG | 6UZ1-TC | '19.03〜 | '07.03〜 | ● | |
| | | LKG, LDG | 6UZ1-TC | '22.05〜 | '10.05〜 | ● | |
| | | QKG | 6UZ1-TCS, TCN | '23.05〜 | '11.05〜 | ● | |

# 5. ISUZU DIAGNOSTIC SOFTWARE (Ver7.5*) List of Engines

| CLASSIFI-CATION | VEHICLE MODEL NAME | VEHICLE MODEL | ENGINE MODEL | REQUIRED MODEL YEAR | | DIAGNOSTIC COUPLER | |
|---|---|---|---|---|---|---|---|
| | | | | JAPANESE CALENDAR | WESTERN CALENDAR | COM | EXCL |
| LIGHT-DUTY BUS | JOURNEY | PB | J05D | '16.08〜 | '04.08〜 | ● | |
| | | BDG | J05D | '19.08〜 | '07.08〜 | ● | |
| MEDIUM-DUTY BUS | ERGA MIO | PA | 6HK1-TCN | '16.08〜 | '04.08〜 | | ● |
| | | PDG | 6HK1-TCN | '19.08〜 | '07.08〜 | | ● |
| | | PDG | 6HF1 (CNG) | '19.11〜 | '17.11〜 | | ● |
| | | SDG | 4HK1-TCH | '23.11〜 | '11.11〜 | ● | |
| | | SKG | 4HK1-TCH | '24.07〜 | '12.07〜 | ● | |
| | GALA MIO | PB | J07E | '16.09〜 | '04.09〜 | ● | |
| | | ADG | J07E | '19.02〜 | '07.02〜 | ● | |
| | | SKG | 4HK1 | '23.05〜 | '11.05〜 | ● | |
| | | SDG | J07E | '23.07〜 | '11.07〜 | ● | |
| HEAVY-DUTY BUS | GALA | KC, KL | 8PE1-(N)(S) | '08.02〜 | '96.02〜 | | ● |
| | | KCKL | 10PE1-(N)(S)(H) | '08.02〜 | '96.02〜 | | ● |
| | | ADG, BDG, LDG | J08E | '18.02〜 | '06.02〜 | ● | |
| | | ADG, PKG, LKG | E13C | '17.08〜 | '05.08〜 | ● | |
| | | QPG, QKG | 6HK1-TCS | '22.08〜 | '10.08〜 | ● | |
| | | LKG | J08E | '22.08〜 | '10.08〜 | ● | |
| | | QPG | E13C | '24.08〜 | '12.08〜 | ● | |
| | | QKG | 4HK1-TCS | '24.05〜 | '12.05〜 | ● | |
| | ERGA | KC, KL | 8PE1-(N)(S) | '08.02〜 | '96.02〜 | | ● |
| | | KC, KL | 6HE1-TCN | '08.02〜 | '96.02〜 | | ● |
| | | KL | 8PF1 (CNG) | '14.01〜 | '02.01〜 | | ● |
| | | KL | 6HA1 (CNG) | '12.06〜 | '00.06〜 | | ● |
| | | PJ | 6HK1-TCC | '16.08〜 | '04.08〜 | | ● |
| | | PKG, PDG | 6HK1-TCC | '19.08〜 | '07.08〜 | | ● |
| | | LKG, LDG | 6HK1-TCC | '21.08〜 | '10.08〜 | ● | |
| | | QKG, QPG | 6HK1-TCC | '21.08〜 | '10.08〜 | ● | |
| OFF-ROAD | FORKLIFT GENERATOR | LIGHT-DUTY | 4HK1-TC | '16.08〜 | '04.08〜 | ● | |
| | | LIGHT-DUTY | 4JJ1-TC | '16.08〜 | '04.08〜 | ● | |
| | | MEDIUM-DUTY | 4HK1-TC | '16.08〜 | '04.08〜 | ● | |
| | | HEAVY-DUTY | 6HK1-TC | '16.08〜 | '04.08〜 | ● | |

# 6. ISUZU DIAGNOSTIC SOFTWARE (Ver7.5*) List of Diagnostic Functions

| SYSTEM | MAIN-FUNCTION | SUB-FUNCTION | CONTENTS |
|---|---|---|---|
| ENGINE | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | FUEL RAIL PRESSURE | Sets common rail pressure value. |
| | | STOP INJECTOR | Stops fuel injection at cylinder #1～/#6. |
| | | MAIN INJECTION PERIOD | Checks the change in injection timing. |
| | | STOP PRE-INJECTION | Checks the fuel pre-injection volume of 0mm3/st in the area. |
| | | FORCED INJECTOR | Checks the operating sound of the drive injector. |
| | | GLOW RELAY COMMAND | Checks the glow relay and light ON display. |
| | | EXHAUST BRAKE | Checks exhaust brake magnetic valve operation. |
| | | RETARDER | Checks retarder magnetic valve operation. |
| | | INTAKE THROTTLE | Checks intake throttle valve operation. |
| | | EXHAUST THROTTLE | Checks exhaust throttle valve operation. |
| | | EGR | Checks EGR valve open/close operation. |
| | | TURBO CHARGER | Checks nozzle control actuator operation. |
| | WORK SUPPORT | CLEAR PUMP DEVICE LEARNING DIFFERENCE | Clears device differential learning value during supply pump replacement. |
| | | INJECTOR ID | Checks ID code of the injector in each cylinder. |
| | | ID CODE REGISTRATION | Registers ID code during injector replacement. |
| | | ID UPLOAD | Reads & stores ID code from ECM before replacement. |
| | | ID DOWNLOAD | Registers stored ID code after ECM replacement. |
| | | DPD REGENERATION DATA RESET | Resets DPD regeneration data before DPD replacement. |
| | | DPD DIFFERENTIAL PRESSURE MEASUREMENT | Displays differential pressure standard value of each vehicle; measures differential pressure. |
| | | DPD FORCED REGENERATION | Removes accumulated PM in DPD thru repeat combustion. |
| | | SLOW DPD REGENERATION | Removes accumulated PM in DPD thru repeat combustion. |
| | | Q ADJUSTMENT REVISION DATA UPLOAD | Reads Q adjustment revised data from ECM. |
| | | Q ADJUSTMENT REVISION DATA DOWNLOAD | Write Q adjustment revised data in ECM. |
| | | READ ENGINE START-UP FREQUENCY | Reads engine start-up frequency from ECM |
| | | WRITE STARTER START-UP FREQUENCY | Sets start-up frequency after replacement of the starter. |
| STOP IDLING | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | WORK SUPPORT | ALTITUDE SERVICE VEHICLE SETTING | Selects whether it is an altitude service vehicle. |
| | | VEHICLE INFORMATION UPDATE | Selects the engine transmission. |
| | | CLEAR IDLING STOP SYSTEM MAINTENANCE DATA | Clears idling stop maintenance data. |

NOTE:  The contents of the display, active test and work support diagnostic functions may
        differ depending on the vehicle model and model year.

# 6.ISUZU DIAGNOSTIC SOFTWARE (Ver7.5*) List of Diagnostic Functions

| SYSTEM | MAIN-FUNCTION | SUB-FUNCTION | CONTENTS |
|---|---|---|---|
| SMOOTHER Ex | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | WORK SUPPORT | VEHICLE TYPE PROGRAM | Selects vehicle type・altitude service vehicle. |
| | | PTO REQUIRED ENGINE SPEED | Sets engine speed when using PTO. |
| | | SPEEDOMETER DRIVING GEAR PROGRAM | Sets speedometer driving gear. |
| | | TIRE SIZE PROGRAM | Sets tire movement load radius. |
| | | TIRE REVISION RATE PROGRAM | Selects tire revision rate. (selectable at 0.96 only) |
| | | OVERWRITE FINAL GEAR RATIO | Sets final gear ratio. |
| | | ABS INSTALLATION PROGRAM | Selects existing or non-existing installed ABS. |
| SMOOTHER E | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | WORK SUPPORT | VEHICLE TYPE PROGRAM | Selects vehicle type・altitude service vehicle. |
| | | PTO REQUIRED ENGINE PEED | Sets engine speed when using PTO. |
| | | SPEEDOMETER DRIVING GEAR PROGRAM | Sets speedometer driving gear. |
| ABS6 | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | EXHAUST BRK CUT RELAY | Drives exhaust brake cut relay. |
| | | ASR INFORMATION LAMP | Information Lamp ON/OFF |
| | | ASR VALVE | Drives ASR valve. |
| | | ABS WARNING LAMP | Warning Lamp ON/OFF |
| | | FL CONTROL VALVE | Drives front-left (FL) control valve. |
| | | FR CONTROL VALVE | Drives front-right (FR) control valve. |
| | | RL CONTROL VALVE | Drives rear-left (RL) control valve. |
| | | RR CONTROL VALVE | Drives rear-right (RR) control valve. |
| | | IDLING SPEED CONTROL | Checks engine speed control operation. |
| ESC | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| ABS/ASR CI12 | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | FR HOLD MODE | Sets front-right (FR) modulator to hold mode. |
| | | FR EXHAUST MODE | Sets front-right (FR) modulator to exhaust mode. |
| | | FL HOLD MODE | Sets front-left (FL) modulator to hold mode. |
| | | FL EXHAUST MODE | Sets front-left (FL) modulator to exhaust mode. |
| | | RR HOLD MODE | Sets rear-right (RR) modulator to hold mode. |
| | | RR EXHAUST MODE | Sets rear-right (RR) modulator to exhaust mode. |
| | | RL HOLD MODE | Sets rear-left (RL) modulator to hold mode. |
| | | RL EXHAUST MODE | Sets rear-left (RL) modulator to exhaust mode. |

NOTE:  The contents of the display, active test and work support diagnostic functions may
       differ depending on the vehicle model and model year.

## 6. ISUZU DIAGNOSTIC SOFTWARE (Ver7.5*) List of Diagnostic Functions

| SYSTEM | MAIN-FUNCTION | SUB-FUNCTION | CONTENTS |
|---|---|---|---|
| ABS/ASR CI12 | ACTIVE TEST | ASR VALVE | Drives ASR valve. |
| | | EXHAUST BRK CUT RELAY | Drives exhaust brake cut relay. |
| | | ENGINE CONTROL TEST | Checks engine speed control operation. |
| | | WARNING LAMP | Warning Lamp ON/OFF |
| | | INFORMATION LAMP TEST | Information Lamp ON/OFF |
| ABS/IESC | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| SMOOTHER G | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | BUZZER SIGNAL | Conducts ON/OFF operation check. |
| | | MAIN POWER SUPPLY RELAY | Conducts ON/OFF operation check. |
| | | SOLENOID POWER SUPPLY RELAY | Conducts ON/OFF operation check. |
| | | PTO RELAY | Conducts ON/OFF operation check. |
| | | TRAILER RELAY | Conducts ON/OFF operation check. |
| | | SPLITTER M/V_G  (High) | Conducts ON/OFF operation check. |
| | | SPLITTER M/V_G  (Low) | Conducts ON/OFF operation check. |
| | | RANGE M/V_J  (High) | Conducts ON/OFF operation check. |
| | | RANGE M/V_J  (Low) | Conducts ON/OFF operation check. |
| | | HSA M/V | Conducts ON/OFF operation check. |
| | | CLUTCH AIR ON/OFF M/V1 | Conducts ON/OFF operation check. |
| | | CLUTCH AIR ON/OFF M/V2 | Conducts ON/OFF operation check. |
| | | CLUTCH M/V For EMERGENCY | Conducts ON/OFF operation check. |
| | | CSB ( Counter Shaft Brake) M/V | Conducts ON/OFF operation check. |
| | | GSU M/V POWER SUPPLY | Conducts ON/OFF operation check. |
| | | EXHAUST BRAKE CUT | Conducts ON/OFF operation check. |
| | WORK SUPPORT | CLEAR CLUTCH LEARNING VALUE | Clears clutch plate connection position learning value. |
| | | CLEAR GEAR POSITION LEARNING VALUE | Clears initial stroke learning value of the gear-in actual driving force. |
| AIR SUSPENSION | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | FORCED AIR SUPPLY (Rr-Fr Right-Shaft) | Conducts ON/OFF operation check. |
| | | FORCED EXHAUST AIR (Rr-Fr Right-Shaft) | Conducts ON/OFF operation check. |
| | | FORCED AIR SUPPLY (Rr-Fr Left-Shaft) | Conducts ON/OFF operation check. |
| | | FORCED EXHAUST AIR (Rr-Fr Left-Shaft) | Conducts ON/OFF operation check. |
| | | FORCED AIR SUPPLY (Rr-Rr Right-Shaft) | Conducts ON/OFF operation check. |
| | | FORCED EXHAUST AIR (Rr-Rr Right-Shaft) | Conducts ON/OFF operation check. |
| | | FORCED AIR SUPPLY (Rr-Rr Left-Shaft) | Conducts ON/OFF operation check. |

NOTE:  The contents of the display, active test and work support diagnostic functions may
       differ depending on the vehicle model and model year.

# 6. ISUZU DIAGNOSTIC SOFTWARE (Ver7.5*) List of Diagnostic Functions

| SYSTEM | MAIN-FUNCTION | SUB-FUNCTION | CONTENTS |
|---|---|---|---|
| AIR SUSPENSION | ACTIVE TEST | FORCED EXHAUST AIR (Rr-Rr Left-Shaft) | Conducts ON/OFF operation check. |
| | | KICK DRIVE LAMP | Conducts ON/OFF operation check. |
| | | HEIGHT LAMP | Conducts ON/OFF operation check. |
| | | BUZZER | Conducts ON/OFF operation check. |
| | | BUZZER (External) | Conducts ON/OFF operation check. |
| | WORK SUPPORT | CLEAR LOADING HISTORY | Conduct clearing of loading history. |
| SMOOTHER Fx | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | WORK SUPPORT | ENGINE MODEL UPDATE | Changes engine model. |
| | | TRANSMISSION MODEL UPDATE | Changes transmission model. |
| | | PTO REQUIRED ENGINE SPEED | Sets engine speed when using PTO. |
| | | OVERWRITE FINAL GEAR RATIO | Changes final gear ratio. |
| | | PTO SETTING WRITING | Select altitude service vehicle, garbage vehicle, or others. |
| | | WARNING OPTION WRITING | Sets warning options YES or NO. |
| BODY CONTROL MODULE | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | ANSWER-BACK TEST | [END]⇒[OFF]⇒[ON]⇒Auto-[OFF] after 10 seconds |
| | | BLOWER RELAY TEST | [END]⇒[OFF]⇒[ON]⇒Auto-[OFF] after 10 seconds |
| | | COMPRESSOR RELAY TEST | [END]⇒[OFF]⇒[ON]⇒Auto-[OFF] after 10 seconds |
| | | DOOR LOCK TEST | [END]⇒[OFF]⇒[ON]⇒Auto-[OFF] after 10 seconds |
| | | DOOR UNLOCK TEST | [END]⇒[OFF]⇒[ON]⇒Auto-[OFF] after 10 seconds |
| | | ROOM LIGHT TEST | [END]⇒[OFF]⇒[ON]⇒Auto-[OFF] after 10 seconds |
| | | WIPER TEST | [END]⇒[OFF]⇒[ON]⇒Auto-[OFF] after 10 seconds |
| | WORK SUPPORT | CLEAR KEYLESS ENTRY REGISTRATION | Clears the remote key registration. |
| | | ENGINE OIL LIFE SPAN WARNING MILEAGE | Changes engine oil life span warning mileage. |
| | | TRANSMISSION OIL LIFE SPAN WARNING MILEAGE | Changes transmission life span warning mileage. |
| | | STARTER LIFE SPAN ESTIMATED START-UP FREQ | Changes starter life span estimated start-up frequency. |
| | | CLEAR HOUR-METER INFORMATION | Clears hour-meter information. |
| | | CLEAR FUEL DATA DISPLAY | Clears fuel data display. |

NOTE:   The contents of the display, active test and work support diagnostic functions may
        differ depending on the vehicle model and model year.

# 6. ISUZU DIAGNOSTIC SOFTWARE (Ver7.5*) List of Diagnostic Functions

| SYSTEM | MAIN-FUNCTION | SUB-FUNCTION | CONTENTS |
|---|---|---|---|
| BODY CONTROL MODULE | WORK SUPPORT | CLEAR ENGINE OIL LIFE SPAN WARNING MILEAGE | Clears engine oil life span warning mileage. |
| | | CLEAR TRANSMISSION OIL LIFE SPAN WARNING MILEAGE | Clears transmission life span warning mileage. |
| | | ENGINE OIL WARNING THRESHOLD | Changes engine oil threshold warning (km unit). |
| | | TRANSMISSION OIL WARNING THRESHOLD | Changes transmission oil threshold warning (km unit). |
| | | BCM DATA UPLOAD/DOWNLOAD | Uploads or downloads BCM data. |
| IMMOBILIZER | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | WORK SUPPORT | READ ECU IDENTIFICATION | Displays ECU identification information. |
| MIMAMORI | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | WORK SUPPORT | VEHICLE TYPE INFO | Selects transmission type, with or without ABS. |
| | | ENGINE MODEL UPDATE | Changes engine model. |
| | | TRANSMISSION MODEL UPDATE | Changes transmission model. |
| | | FINAL GEAR RATIO UPDATE | Changes final gear ratio. |
| | | VALID TIRE RADIUS UPDATE | Changes valid tire radius (select tire size). |
| | | AD INPUT UPDATE | ON=1, OFF=0 |
| | | ECM TROUBLE DATA | Displays engine run time, DTC code and status. |
| | | OTHER ECU TROUBLE DATA | Trouble data & status ID, freeze frame data 1～20. |
| | | ECU LOCK | Clears DPD data. |
| | | CLEAR ALL MIMAMORI DATA | Clears all Mimamori data. |
| | | CLEAR MIMAMORI DTC DATA | Clears all Mimamori DTC data. |
| | | CLEAR ALL DMU ENGINE DATA | Clears all DMU engine data. |
| | | CLEAR ALL TCM DMU DATA | Clears all transmission control module data. |
| | | DMU ENGINE FORCED RECORD | Forcibly records DMU engine. |
| | | TCM DMU FORCED RECORDING | Forcibly records DMU Transmission. |
| ISS | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | LAMP SYSTEM | Idling Stop Lamp, Maintenance Lamp Test ⇒[Operation]/[Non-Operation]/[END] |
| | | RELAY SYSTEM | Starter relay, A/C Cut-off Relay, Low Beam Cut Relay, Buzzer Cut Relay, Idling-up Cut Relay Test⇒[Operation]/[Non-Operation]/[END] |
| | | MAGNETIC VALVE SYSTEM | Engine Stop Valve Test ⇒[Operation]/[Non-Operation]/[END] |
| | WORK SUPPORT | START COUNTER RESET | Resets start counter. |
| | | START COUNTER PROGRAM | Inputs current counter operation frequency & general counter operation frequency. |
| | | VEHICLE TYPE PROGRAM | Selects vehicle type. |

NOTE:  The contents of the display, active test and work support diagnostic functions may
        differ depending on the vehicle model and model year.

# 6. ISUZU DIAGNOSTIC SOFTWARE (Ver7.5*) List of Diagnostic Functions

| SYSTEM | MAIN-FUNCTION | SUB-FUNCTION | CONTENTS |
|---|---|---|---|
| CLUTCH-FREE | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | WORK SUPPORT | DISPLAY CLUTCH ABRASION DATA | Reads clutch abrasion data from ECU. |
| | | WRITE CLUTCH ABRASION DATA | Writes clutch abrasion data during clutch pad replacement. |
| UREA SCR | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | UREA WATER INJECTOR | Performs increase/decrease AdBlue injection quantity. |
| | | UREA RETURN VALVE | Performs ON/OFF operations check. |
| | | COOLING CONTROL VALVE | Performs tank heater cooling control valve ON/OFF operation check. |
| | WORK SUPPORT | SCR CATALYST DATA RESET | Resets SCR catalyst data identification value. |
| | | NOx SENSOR 1 DATA RESET | Resets NOx sensor 1 data identification value. |
| | | EXHAUST GAS TEMPERATURE SENSOR 3 | Resets exhaust gas temperature sensor 3 data identification value. |
| | | UREA WATER INJECTION CONTROL MODULE | Resets urea water injection control module data identification value. |
| | | OXIDATION CATALYST DATA RESET | Resets oxidation catalyst data identification value. |
| | | UREA RETURN VALVE | Resets urea return valve data identification value. |
| | | UREA WATER INJECTOR | Resets urea water injector data identification value. |
| ABS/ASR | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | LAMP SYSTEM | Warning Lamp (ABS, ARS) |
| | | RELAY SYSTEM | ABS Relay |

NOTE:   The contents of the display, active test and work support diagnostic functions may
        differ depending on the vehicle model and model year.

# 7.UD TRUCKS DIAGNOSTIC SOFTWARE Ver(2.1*) List of Specific Vehicle System

| VEHICLE TYPE | REQUIRED SYSTEM | REQUIRED MODEL YEAR | READ FAULT CODE | FREEZE DATA | DATA STREAM | WORK SUPPORT | ACTIVE TEST |
|---|---|---|---|---|---|---|---|
| CONDOR LIGHT-DUTY | ENG | 2002〜 | ● | | ● | ● | ● |
| | STOP IDLING | 2007〜 | ● | | ● | ● | |
| | CLUTCH-FREE | 2002〜 | ● | | ● | ● | |
| | SMOOTHER E | 2002〜 | ● | | ● | ● | |
| | SMOOTHER EX | 2007〜 | ● | | ● | ● | |
| | BCM | 2006〜 | ● | | ● | ● | ● |
| | IMMOBILIZER | 2006〜 | ● | | | | |
| | MIMAMORI | 2007〜 | ● | | ● | ● | |
| CONDOR MEDIUM-DUTY | ENG | 2000〜 | ● | | ● | | |
| | ESCOT | 2000〜 | ● | | ● | | |
| CONDOR MEDIUM-DUTY J07E/J08E | ENG | 2004〜 | ● | | ● | ● | ● |
| BIG THUMB | ENG | 2000〜 | ● | | ● | | |
| | ESCOT | 2000〜 | ● | | ● | | |
| QUON | ENG | 2004〜 | ● | | ● | | |
| | ESCOT | 2004〜 | ● | | ● | | |
| | UDS | 2004〜 | ● | | ● | | |
| BUS | ENG | 2000〜 | ● | | ● | | |
| | ESCOT | 2000〜 | ● | | ● | | |
| | UDS | 2004〜 | ● | | ● | | |

# 8.UD TRUCKS DIAGNOSTIC SOFTWARE Ver(2.1*) List of Engines

| CLASSIFICATION | VEHICLE MODEL NAME | VEHICLE MODEL | ENGINE MODEL | REQUIRED MODEL YEAR | | DIAGNOSTIC COUPLER | |
|---|---|---|---|---|---|---|---|
| | | | | JAPANESE CALENDAR | WESTERN CALENDAR | COM | EXCL |
| LIGHT-DUTY TRUCK | CONDOR (ISUZU ELF) | KK | 4HF1、4HF1-CNG | '11.01〜 | '99.01〜 | ● | |
| | | KK | 4HG1、4HG1-LPG | '11.04〜 | '99.04〜 | ● | |
| | | KK | 4HJ1 | '11.04〜 | '99.04〜 | ● | |
| | | KK | 4HK1-T | '12.12〜 | '00.12〜 | ● | |
| | | KR | 4HJ1 | '14.08〜 | '02.08〜 | ● | |
| | | KR | 4HJ1 | '14.08〜 | '02.08〜 | ● | |
| | | KR | 4HL1-N | '14.06〜 | '02.06〜 | ● | |
| | | KR | 4HL1 | '14.06〜 | '02.06〜 | ● | |
| | | KR | 4HL1-N | '14.06〜 | '02.06〜 | ● | |
| | | PB | 4HG1(LPG) | '16.06〜 | '04.06〜 | ● | |
| | | PB | 4HF1(CNG) | '16.06〜 | '04.06〜 | ● | |
| | | PB | 4JG2(LPG) | '16.06〜 | '04.06〜 | ● | |
| | | PB | 4HL1 | '16.06〜 | '04.06〜 | ● | |
| | | PDG | 4HK1 | '18.12〜 | '06.12〜 | ● | |
| | | BKG | 4JJ1 | '18.12〜 | '06.12〜 | ● | |
| | | BDG | 4JJ1 | '18.12〜 | '06.12〜 | ● | |

# 8. UD TRUCKS DIAGNOSTIC SOFTWARE Ver(2.1*) List of Engines

| CLASSIFICATION | VEHICLE MODEL NAME | VEHICLE MODEL | ENGINE MODEL | REQUIRED MODEL YEAR | | DIAGNOSTIC COUPLER | |
|---|---|---|---|---|---|---|---|
| | | | | JAPANESE CALENDAR | WESTERN CALENDAR | COM | EXCL |
| MEDIUM-DUTY TRUCK | CONDOR | KK | FE6 | '11.05~ | '99.05~ | ● | |
| | | KK | FU6 (CNG) | '12.05~ | '00.05~ | ● | |
| | CONDOR | PB | J07E | '16.04~ | '04.04~ | ● | |
| | | PA | J08E | '16.10~ | '04.10~ | ● | |
| | | BKG | J08E | '19.05~ | '07.05~ | ● | |
| | | BDG | J08E | '19.05~ | '07.05~ | ● | |
| | | SKG, TKG | GH5, GH7 | '23.07~ | '07.05~ | ● | |
| | | QKG, LDG | GH7 | '23.07~ | '07.05~ | ● | |
| HEAVY-DUTY TRUCK | BIG THUMB | KL | RF8、RG8、RH8 | '11.11~ | '99.11~ | ● | |
| | | KL | GE13T | '11.11~ | '99.11~ | ● | |
| | QUON | ADG | MD92T | '16.11~ | '04.11~ | ● | |
| | | ADG | GE13T | '17.05~ | '05.05~ | ● | |
| | | PKG | GE13T | '19.01~ | '07.01~ | ● | |
| | | LKG | GH11, GH13 | '22.07~ | '10.07~ | ● | |
| | | LDG | GH11 | '22.07~ | '10.07~ | ● | |
| LIGHT-DUTY BUS | SPACE RUNNER | KK | FE6 | '11.03~ | '99.03~ | ● | |
| MEDIUM-DUTY BUS | SPACE RUNNER | KK | FE6 | '11.04~ | '99.04~ | ● | |
| | | KK | FU6 (CNG) | '11.04~ | '99.04~ | ● | |
| | | PB | J07E-TC | '16.08~ | '04.08~ | ● | |
| | | PDG | 6M60 | '18.12~ | '07.12~ | ● | |
| HEAVY-DUTY BUS | SPACE ARROW | KL | FE6 | '19.01~ | '07.01~ | ● | |
| | | PK | J07E-TC | '19.01~ | '07.01~ | ● | |
| | | PDG | 6M60 | '19.01~ | '07.01~ | ● | |
| HEAVY-DUTY BUS | SPACE WING | KL | RH8 | '19.01~ | '07.01~ | ● | |
| | | ADG | MD92TK | '19.01~ | '07.01~ | ● | |
| | | BKG | 6M70 | '19.01~ | '07.01~ | ● | |

# 9. UD TRUCKS DIAGNOSTIC SOFTWARE Ver(2.1*) List of Diagnostic Functions

● CONDOR-Light-Duty is an Isuzu ELF-OEM vehicle. Please refer to the list of diagnostic functions of Isuzu.
● For CONDOR-Medium-Duty ENG model(J07E/J08E), please refer to the list of diagnostic functions of Hino ENG.

DIAGNOSTIC FUNCTIONS of F-system engine, P-system engine, GE 13 engine equipped vehicles

| SYSTEM | MAIN- FUNCTION | SUB-FUNCTION | CONTENTS |
|---|---|---|---|
| ENGINE | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| ESCOT | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| UDS | READ FAULT CODE | | Displays and clears the trouble point. |
| UREA SCR | DATA STREAM | | Displays data; records the diagnostic results. |

# 10. MITSUBISHI FUSO DIAGNOSTIC SOFTWARE Ver(7.2*) List of Specific Vehicle System

| VEHICLE TYPE | REQUIRED SYSTEM | REQUIRED MODEL YEAR | READ FAULT CODE | FREEZE DATA | DATA STREAM | WORK SUPPORT | ACTIVE TEST |
|---|---|---|---|---|---|---|---|
| CANTER | ENG | 1997~ | ● | | ● | ● | ● |
| | ENG, EEC | 2010~ | ● | ● | ● | ● | ● |
| | UREA SCR | 2010~ | ● | ● | ● | ● | ● |
| | AT | 2002~ | ● | | ● | | |
| | INOMAT | 2007~ | ● | | ● | | ● |
| | TCM | 2010~ | ● | ● | ● | ● | ● |
| | ABS | 1998~ | ● | | ● | | ● |
| | EZGO | 2000~ | ● | | ● | | ● |
| | MOTOR CONTROL | 2007~ | ● | | ● | | ● |
| | BATTERY CONTROL | 2007~ | ● | | ● | | ● |
| | SRS | 1997~ | ● | | ● | | |
| FIGHTER | ENG | 1999~ | ● | ● | ● | ● | ● |
| | UREA SCR | 2010~ | ● | ● | ● | ● | ● |
| | AT | 2010~ | ● | | ● | | |
| | INOMAT | 2007~ | ● | | | | |
| | ABS | 2002~ | ● | | ● | | ● |
| | EZGO | 2000~ | ● | | | | |
| | SRS | 1999~ | ● | | | | |
| | IMMOBILIZER | 2006~ | ● | | | | |
| SUPER GREAT | ENG | 2000~ | ● | ● | ● | ● | ● |
| | UREA SCR | 2010~ | ● | ● | ● | ● | ● |
| | INOMAT | 2010~ | ● | | ● | | ● |
| | ABS | 2000~ | ● | | | | |
| | EZGO | 2000~ | ● | | | | |
| | SRS | 2000~ | ● | | ● | | ● |
| | IMMOBILIZER | 2004~ | ● | | ● | | ● |
| | HEADLIGHT LEVELING | 2004~ | ● | | ● | | ● |
| | INTEGRATED CONTROL | 2004~ | ● | | ● | | ● |
| ROSA | ENG | 1997~ | ● | | ● | ● | ● |
| | ENG, EEC | 2010~ | ● | ● | ● | ● | ● |
| | UREA SCR | 2010~ | ● | ● | ● | ● | ● |
| | AT | 2002~ | ● | | ● | | |
| | INOMAT | 2007~ | ● | | ● | | ● |
| | TCM | 2010~ | ● | ● | ● | ● | ● |
| | ABS | 1998~ | ● | | ● | | ● |
| | EZGO | 2000~ | ● | | ● | | ● |
| | MOTOR CONTROL | 2007~ | ● | | ● | | ● |
| | BATTERY CONTROL | 2007~ | ● | | ● | | ● |
| | SRS | 1997~ | ● | | ● | | |

## 10. MITSUBISHI FUSO DIAGNOSTIC SOFTWARE Ver (7.2*) List of Specific Vehicle System

| VEHICLE TYPE | REQUIRED SYSTEM | REQUIRED MODEL YEAR | READ FAULT CODE | FREEZE DATA | DATA STREAM | WORK SUPPORT | ACTIVE TEST |
|---|---|---|---|---|---|---|---|
| AERO MIDI | ENG | 1999〜 | ● | ● | ● | ● | ● |
| | UREA SCR | 2011〜 | ● | ● | ● | ● | ● |
| | ABS | 2000〜 | ● | | ● | | |
| | EZGO | 1999〜 | ● | | ● | | ● |
| | SRS | 1999〜 | ● | | | | |
| AERO STAR | ENG | 1999〜 | ● | ● | ● | ● | ● |
| | UREA SCR | 2011〜 | ● | ● | ● | ● | ● |
| | ABS | 1999〜 | ● | | ● | | ● |
| | EZGO | 2000〜 | ● | | ● | | ● |
| | SRS | 1999〜 | ● | | | | |
| AERO ACE | ENG | 1999〜 | ● | ● | ● | ● | ● |
| | UREA SCR | 2010〜 | ● | ● | ● | ● | ● |
| | ABS | 1999〜 | ● | | ● | | ● |
| | EZGO | 2000〜 | ● | | ● | | ● |
| | SRS | 1999〜 | ● | | ● | | ● |
| AERO ACE SHORT | ENG | 1999〜 | ● | ● | ● | ● | ● |
| | UREA SCR | 2011〜 | ● | ● | ● | ● | ● |
| | ABS | 1999〜 | ● | | ● | | ● |
| | EZGO | 2000〜 | ● | | ● | | ● |
| | SRS | 2000〜 | ● | | ● | | |
| AERO QUEEN | ENG | 1999〜 | ● | ● | ● | ● | ● |
| | UREA SCR | 2010〜 | ● | ● | ● | ● | ● |
| | ABS | 1999〜 | ● | | ● | | ● |
| | EZGO | 2000〜 | ● | | ● | | ● |
| | SRS | 1999〜 | ● | ● | ● | ● | ● |

# 11.MITSUBISHI FUSO DIAGNOSTIC SOFTWARE Ver(7.2*) List of Engines

| CLASSIFI-CATION | VEHICLE MODEL NAME | VEHICLE MODEL | ENGINE MODEL | REQUIRED MODEL YEAR | | DIAGNOSTIC COUPLER | |
|---|---|---|---|---|---|---|---|
| | | | | JAPANESE CALENDAR | WESTERN CALENDAR | COM | EXCL |
| LIGHT-DUTY TRUCK | CANTER | KC | 4D33, 4D34 | '09.04～ | '97.10～ | ● | |
| | | KC, KK | 4M50, 4M51 | '09.10～ | '97.10～ | ● | |
| | | PA, PB | 4M50 | '16.10～ | '04.10～ | ● | |
| | | PDG | 4M50 | '19.01～ | '07.01～ | ● | |
| | | BKG | 4M50 | '20.05～ | '08.05～ | ● | |
| | | PDG | 4M42 | '18.08～ | '06.08～ | ● | |
| | | SKG, TKG, SDG | 4P10 | '22.08～ | '10.08～ | ● | |
| | CANTER GUTS | PA | 4M50 | '17.10～ | '05.10～ | ● | |
| | | PA | 4M42 | '20.05～ | '08.05～ | ● | |
| MEDIUM-DUTY TRUCK | FIGHTER | KL | 6M61 | '11.02～ | '99.02～ | ● | |
| | | KK | 6M60 | '14.02～ | '02.02～ | ● | |
| | | PJ, PA | 6M60 | '16.06～ | '04.06～ | ● | |
| | | PDG, ADG | 6M60 | '18.05～ | '06.05～ | ● | |
| | | BKG | 6M60 | '20.06～ | '08.09～ | ● | |
| | | TKG, LKG | 6M60 | '22.10～ | '10.10～ | ● | |
| HEAVY-DUTY TRUCK | SUPER GREAT | KC | 6D40 | '09.07～ | '97.06～ | ● | |
| | | KL | 8DC11 | '11.08～ | '99.08～ | ● | |
| | | KL | 8M21, 8M22 | '11.06～ | '99.06～ | ● | |
| | | KL | 6M70 | '11.04～ | '99.04～ | ● | |
| | | PJ | 6M70 | '15.08～ | '03.08～ | ● | |
| | | BKG, BDG | 6M70 | '19.06～ | '07.06～ | ● | |
| | | LKG, QPG | 6R10 | '22.06～ | '10.06～ | ● | |
| LIGHT-DUTY BUS | ROSA | KC, KK | 4M50 | '09.10～ | '97.10～ | ● | |
| | | PA | 4M50 | '16.10～ | '04.10～ | ● | |
| | | PDG | 4M50 | '19.01～ | '07.01～ | ● | |
| | | TPG | 4P10 | '22.08～ | '10.08～ | ● | |
| MEDIUM-DUTY BUS | AERO MIDI | KK | 6M61 | '11.07～ | '99.07～ | ● | |
| | | KK, PA | 4M50 | '14.02～ | '02.04～ | ● | |
| | | PA, PDG, | 6M60 | '16.01～ | '04.11～ | ● | |
| | | SKG, TPG | 6M60 | '23.11～ | '11.11～ | ● | |
| HEAVY-DUTY BUS | AERO STAR | KL, PJ | 6M70 | '12.05～ | '00.05～ | ● | |
| | | PJ, PKG | MD92 | '16.03～ | '04.03～ | ● | |
| | | LKG, QKG | 6M60 | '22.05～ | '10.05～ | ● | |
| | AERO ACE | KL | 8M21 | '12.05～ | '00.05～ | ● | |
| | | PJ, BKG | 6M70 | '17.10～ | '05.10～ | ● | |
| | | QRG, QTG | 6R10 | '22.09～ | '10.09～ | ● | |
| | AERO ACE SHORT | PDG | 6M60 | '19.06～ | '07.06～ | ● | |
| | | QDG | 6M60 | '22.09～ | '10.09～ | ● | |
| | AERO QUEEN | KL | 8M21 | '12.05～ | '00.05～ | ● | |
| | | PJ, BKG | 6M70 | '17.10～ | '05.10～ | ● | |
| | | QRG, QTG | 6R10 | '22.09～ | '10.09～ | ● | |

# 12. MITSUBISHI FUSO DIAGNOSTIC SOFTWARE Ver(7.2*) List of Diagnostic Functions

## Light-Duty Truck: Engine Type 4P10

| SYSTEM | MAIN-FUNCTION | SUB-FUNCTION | CONTENTS |
|---|---|---|---|
| EEC ENGINE | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | COLD START | Forcibly operates cold start. |
| | | RAIL INTERNAL PRESSURE REGULATOR VALVE | Forcibly operates common rail pressure control valve. |
| | | RAIL INTERNAL PRESSURE LIMITER VALVE | Forcibly operates common rail pressure limiter valve. |
| | | FUEL INJECTOR | Forcibly operates injector. |
| | | BOOST PRESSURE CONTROL | Forcibly operates boost pressure control. |
| | | EGR CONTROL | Forcible operates EGR control. |
| | | EXHAUST BRAKE SOLENOID VALVE | Forcible operates exhaust brake. |
| | | AdBlue DISTRIBUTION QUANTITY TEST | Forcibly operates additional urea water. |
| | | LEAK(AdBlue): CHECK | Checks AdBlue (Urea Water) leakage. |
| | | AdBlue PRESSURE LINE CAPACITY AdBlue RETURN CHECK | Checks urea water line back-flow function. |
| | | PARTICULATE FILTER RE-COMBUSTION | Forcibly operates DPF regeneration. |
| | WORK SUPPORT | Resets engine oil identification value. | |
| | | Resets fuel injector identification value. | |
| | | Resets rail internal pressure limiter valve identification value. | |
| | | Resets rail pressure sensor identification value. | |
| | | Resets O2 Sensor identification value. | |
| | | Resets hot film air mass sensor identification value. | |
| | | Resets turbo-charger identification value. | |
| | | Identification works after turbo-charger replacement. | |
| | | Resets EGR valve identification value. | |
| | | Resets particulate filter/oxidation catalyst identification value. | |
| | | Resets particulate filter differential pressure sensor identification value. | |
| | | Engine Control Unit (Identifies control unit engine control unit.) | |
| | | Resets engine control unit identification value. | |
| | | Adjusts injector injection quantity (HEV). | |

NOTE: The contents of the display, active test and work support diagnostic functions may differ depending on the vehicle model and model year.

# 12. MITSUBISHI FUSO DIAGNOSTIC SOFTWARE Ver(7.2*) List of Diagnostic Functions

## Light-Duty Truck: Engine Type 4P10

| SYSTEM | MAIN-FUNCTION | SUB-FUNCTION | CONTENTS |
|---|---|---|---|
| TCM TRANSMISSION | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | GEAR SHIFT | Shifts to forward gear during vehicle stop, manual release gear limit (can select starting gear to 6$^{th}$ gear). |
| | | LINE PRESSURE HIGH | Line Pressure - High : Forced Retention |
| | | LINE PRESSURE LOW | Line Pressure - Low : Forced Retention |
| | | OIL COOLER ON | Cooler Lubrication ON : Forced Retention |
| | | OIL COOLER OFF | Cooler Lubricatoin OFF: Forced Retention |
| | | INNER CLUTCH ON | Clutch 1 ON (1.2A) : Forced Retention |
| | | OUTER CLUTCH ON | Clutch 2 ON (1.2A) : Forced Retention |
| | | SHIFT LOCK RELEASE | Release shift lock. |
| | | Turns ON switch valve for the cooling circuit. | |
| | | Turns OFF switch valve for the cooling circuit. | |
| | | Turns ON blower motor relay. | |
| | | Turns OFF blower motor relay. | |
| | | Operates motor (Discharge Mode). | |
| | | Operates motor (Charge Mode). | |
| | | WARNING LAMP | Lamp ON/OFF |
| ABS | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | FR MODULATOR | Sets FR modulator to HOLD Mode. |
| | | | Sets FR modulator to EXHAUST Mode. |
| | | FL MODULATOR | Sets FL modulator to HOLD Mode. |
| | | | Sets FL modulator to EXHAUST Mode. |
| | | RR MODULATOR | Sets RR modulator to HOLD Mode. |
| | | | Sets RR modulator to EXHAUST Mode. |
| | | RL MODULATOR | Sets RL modulator to HOLD Mode. |
| | | | Sets RL modulator to EXHAUST Mode. |
| | | ASR VALVE | ASR Valve |
| | | EXHAUST BRK CUT RELAY | Forcibly drives exhaust brake cut relay. |
| | | ENGINE CONTROL TEST | Checks engine speed control. |
| | | WARNING LAMP | Warning Lamp ON/OFF |
| | | INFO LAMP TEST | Information Lamp Test ON/OFF |
| | WORK SUPPORT | DRIVE SYSTEM | Sets rear wheel drive system(Drum/Disk) |
| SRS | READ FAULT CODE | | Displays and clears the trouble point. |

NOTE: The contents of the display, active test and work support diagnostic functions may differ depending on the vehicle model and model year.

# 12. MITSUBISHI FUSO DIAGNOSTIC SOFTWARE Ver(7.2*) List of Diagnostic Functions

| SYSTEM | MAIN-FUNCTION | SUB-FUNCTION | CONTENTS |
|---|---|---|---|
| ENGINE | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ECU RESET | | Resets DPF regeneration data. |
| | ACTIVE TEST | EGR1, 2, 3 | Checks specified EGR valve ON/OFF operation. |
| | | VGT M/V1, 2, 3 | Checks specified VGT valve ON/OFF operation. |
| | | POWER TARD M/V | Checks power tard valve ON/OFF operation. |
| | | EXHAUST BRAKE M/V | Checks exhaust brake valve ON/OFF operation. |
| | | AUXILIARY BRAKE LP | Checks auxiliary brake indicator lamp ON/OFF operation. |
| | | AIR HEATER RELAY, LAMP | Checks relay's & lamp's ON/OFF operation. |
| | | STARTER CONTINUOUS POWER PREVENTION RELAY | Checks relay ON/OFF operation. |
| | | EDU RELAY | Checks relay ON/OFF operation. |
| | | MIL LAMP | Checks lamp ON/OFF operation. |
| | | AIRCON SW1 | Checks aircon ON/OFF operation. |
| | | IDLE-UP CANCEL SW | Checks idle-up cancel operation. |
| | | FUEL LEAKAGE CHECK | Checks fuel leakage according to high fuel pressure drive. |
| | | VGT TEST | Measures turbo charger boost pressure. |
| | | INJECTOR STOP | Fuel injection stop on cylinder #1~#6. |
| | | INTAKE THROTTLE | Checks actual opening of opening setting and operation time. |
| | | UREA RELATED-LAMP | Checks remaining quantity, identification, SCR warning and each lamp operation. |
| | WORK SUPPORT | ID CODE DISPLAY | Checks injector ID code of ech cylinder. |
| | | ID CODE REGISTRATION | Registers ID code during injector replacement. |
| | | PUMP INITIALIZATION | Clears & initializes supply pump learning value. |
| | | Q ADJ No. DISPLAY | Displays registered Q Adjustment Number. |
| | | Q ADJ MAINTENANCE No. REGISTRATION | Registers Q Adjustment Maintenance Number. |
| | | AIR FLOW SENSOR CHARACTERISTICS No. DISPLAY | Displays registered air flow sensor characteristics number. |
| | | AIR FLOW SENSOR CHARACTERISTICS No. REGISTRATION | Registers air flow sensor characteristics number. |
| | | DPF DIFFERENTIAL PRESSURE EASUREMENT | Displays vehicle differential pressure standards, measures DPF differential pressure. |
| | | DPF FORCED REGENERATION | Removes accumulated PM in DPF thru repeat combustion. |

NOTE: The contents of the display, active test and work support diagnostic functions may differ depending on the vehicle model and model year.

# 12. MITSUBISHI FUSO DIAGNOSTIC SOFTWARE Ver(7.2*) List of Diagnostic Functions

| SYSTEM | MAIN-FUNCTION | SUB-FUNCTION | CONTENTS |
|---|---|---|---|
| SCR UREA | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | SYSTEM CHECK | Executes urea water temperature and pressure check. |
| | | ADD'L VALVE CHECK 1 | Forcibly adds urea water. |
| | | ADD'L VALVE CHECK 2 | Forcibly adds urea water. |
| | | ADD'L VALVE CHECK 3 | Forcibly adds urea water. |
| | | TEST MODE END | Forcibly purges air during test end. |
| | | TANK HEATING VALVE | Turns ON/OFF tank heating valve with interval of 120 seconds. |
| | | COMPRESSED AIR CONTROL VALVE | Turns ON/OFF compressed air control valve with interval of 120 seconds. |
| | | PUMP MODULATOR | Turns ON/OFF pump modulator with interval of 120 seconds. |
| | | EXTERNAL SUCTION LINE HEATER | Turns ON/OFF external return line heater with interval of 120 seconds. |
| | | EXTERNAL ADD'L LINE HEATER | Turns ON/OFF external additional line heater with interval of 120 seconds. |
| | | AdBlue LEAKAGE FLAG CLEAR | Clears AdBlue leakage flag. |
| | | FREEZE NUMBER COUNTER 1, 2 RESET | Reset the freeze number counters 1 & 2. |
| A/T | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| INOMAT | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | D/U MAIN POWER ON | Drive Unit Main Power ON/OFF |
| | | D/U SUB POWER ON | Drive Unit Sub Power ON/OFF |
| | | WARNING BUZZER ON | Warning Buzzer ON/OFF |
| | | 2nd SHIFT | Specified Shift Position |
| | | 3rd SHIFT | Specified Shift Position |
| | | 4th SHIFT | Specified Shift Position |
| | | 5th SHIFT | Specified Shift Position |
| | | NEUTRAL | Specified Shift Position |
| | | 7th SHIFT | Specified Shift Position |
| | | 8th SHIFT | Specified Shift Position |
| | | 9th SHIFT | Specified Shift Position |
| | | 10th SHIFT | Specified Shift Position |

NOTE: The contents of the display, active test and work support diagnostic functions may differ depending on the vehicle model and model year.

# 12. MITSUBISHI FUSO DIAGNOSTIC SOFTWARE Ver(7.2*) List of Diagnostic Functions

| SYSTEM | MAIN-FUNCTION | SUB-FUNCTION | CONTENTS |
|---|---|---|---|
| ABS | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | FL VALVE ON | Checks valve ON/OFF operation. |
| | | FR VALVE ON | Checks valve ON/OFF operation. |
| | | RL VALVE ON | Checks valve ON/OFF operation. |
| | | RR VALVE ON | Checks valve ON/OFF operation. |
| | | VALVE RELAY ON | Turns ON valve relay. |
| | | VALVE RELAY OFF | Turns OFF valve relay. |
| | | MOTOR RELAY ON | Turns ON motor relay. |
| | | MOTOR RELAY OFF | Turns OFF motor relay. |
| | | ABS W/L ON | Checks ABS warning lamp ON/OFF operation. |
| | | EXHAUST BRAKE RELAY ON | Turns ON exhaust brake relay. |
| | | EXHAUST BRAKE RELAY OFF | Turns OFF exhaust brake relay. |
| | | ASR CUT VALVE ON | Turns ON ASR cut valve. |
| | | ASR CUT VALVE OFF | Turns OFF ASR cut valve.。 |
| | | ASR CHARGE ON | ASR Charge ON |
| | | ASR CHARGE OFF | ASR Charge OFF |
| | | ASR LAMP ON | Turns ON ASR lamp. |
| | | ASR MOTOR ON | Turns ON ASR motor. |
| EZGO | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | AUS M/V2 | Checks AUS M/V2 ON/OFF operation. |
| | | AUS M/V1 | Checks AUS M/V1 ON/OFF operation. |
| | | AUS BUZZER | Checks AUS buzzer ON/OFF operation. |
| | | AUS OPERATING LAMP | Checks AUS operating lamp ON/OFF operation. |
| | | AUS WARNING LAMP | Checks AUS warning lamp operation. |
| | | PARKING BRAKE LAMP | Checks parking brake lamp ON/OFF operation. |
| | | AUS POWER RETENTION RELAY | Checks AUS power retention relay ON/OFF operation. |
| | | LB HORN | Checks LB horn ON/OFF operation. |
| | | LB OPERATION SET-UP LAMP | Checks LB operation set-up lamp ON/OFF operation. |
| | | LB PRESSURE RETENTION LAMP | Checks LB pressure retention lamp ON/OFF operation. |

NOTE: The contents of the display, active test and work support diagnostic functions may
differ depending on the vehicle model and model year.

# 12. MITSUBISHI FUSO DIAGNOSTIC SOFTWARE Ver(7.2*) List of Diagnostic Functions

| SYSTEM | MAIN-FUNCTION | SUB-FUNCTION | CONTENTS |
|---|---|---|---|
| SRS | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| IMMOBILIZER | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | INTERNAL FET | Turns ON FET. |
| | | INJECTOR LAMP ON | Checks injector lamp ON. |
| MOTOR CONTROL | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | MOTOR DRIVE | Checks increase speed of engine and motor. |
| | | MOTOR REVERSE DRIVE (POWER GENERATION) | Checks increase charge rate of high voltage battery. |
| | | MAIN CONTACTOR (+) OPERATION | Checks main contactor (+) operating sound. |
| | | MAIN CONTACTOR (-) OPERATION | Checks main contactor (-) operating sound. |
| | | PRE-CHARGE CONTACTOR OPERATION | Checks pre-charge contactor operating sound. |
| | | RADIATOR FAN OPR'N | Operates the radiator fan. |
| | | WATER PUMP OPR'N | Uses air vent of the high cooling voltage system. |
| BATTERY CONTROL | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | COOLING FAN 1〜8 START-UP | Turns ON/OFF the cooling fan No. 1〜8. |
| INTEGRATED CONTROLS | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | INTEGRATED CONTROL RELATED LAMP | Checks ON/OFF operation. |
| | | COOLER CONTROL SIGNAL | Checks ON/OFF operation. |
| | | VEHICLE STOPPING SIGNAL | Checks ON/OFF operation. |
| | | AUXILIARY MOTOR ROTATING SIGNAL | Checks ON/OFF operation. |
| | | REVERSE RELAY | Checks ON/OFF operation. |
| | | AMMETER, METER, ETC. | Checks operation. |
| HEADLIGHT LEVELING | READ FAULT CODE | | Displays and clears the trouble point. |
| | DATA STREAM | | Displays data; records the diagnostic results. |
| | ACTIVE TEST | LEVELING ACT DRIVE | Drives the leveling actuator. |

NOTE: The contents of the display, active test and work support diagnostic functions may
differ depending on the vehicle model and model year.

## WANTED: DEALERS/DISTRIBUTORS

A diagnostic tester is an essential tool for car maintenance. It would be difficult to perform repairs and maintenance if the trouble code and data are not checked. After the replacement of car parts, it requires registration, initialization and learning of ID codes. If this procedures are not done the check lamp will light and it will not work properly.

Our company's diagnostic tester (DT-3300) supports all Japanese cars and European cars. In particular, diagnostic features of Japanese cars are in accordance with the functions of a genuine tester of the vehicle manufacturer, thus a very good device. Our DT-3300 is now active and is being used in Southeast Asian countries, Australia, New Zealand and South American countries.

Japan Venture is looking/recruiting for dealers or distributors in each of these countries. Please contact us through email or by telephone.

Thank you very much.

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JAPAN VENTURE INCORPORATED

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