

HINO Diagnostic eXplorer

Hino Explorer Diagnostic diagnostic software for Hino Trucks

The HINO Diagnostic eXplorer (hereafter referred to as HINO DX) is a tool equipped with all the functions needed to diagnose trouble, check functions, and configure the settings of the electronic systems built into HINO engines.

The program runs on a personal computer (PC) equipped with a Windows95, 98, 2000, or XP operating system (OS), and it connects to a communication network by means of a diagnosis connector via a communication I/F. After it is connected to a communication network, it can carry out various operations by extracting information from the engine ECU.

Main Functions

Acquires and deletes trouble data.

Links diagnostic trouble codes read from the ECU to corresponding diagnostic work flow sequences and directly displays the required data.

Obtains sensor conditions from the vehicle when trouble occurs (Freeze Frame function).

Monitors the sensors and actuators equipped on the engine (Data Monitor function) and tests the operation of solenoid valves by forcefully operating them (Active Test function).

Simulates diagnostic work with only a PC (Simulation function).

Automatically saves fetched ECU data and analyzes trouble based on the saved data even when the cause of trouble cannot be grasped.

HINO DX Software Overview:

The screenshot displays two windows from the Hino Diagnostic eXplorer software.

Top Window: Diagnosis

Menu: File(F) Diagnosis(D) View(V) Check functions(E) Configuration(C) Options(S) Window(W) Help(H)


Left Panel: File(E) Diagnosis(D) Equipment DTC Diagnostic Information View(V) [HINO-BOWIE]

Main Content:

- Hino Diagnostic eXplorer -

- **Equipment DTC**
Diagnostic information is read from the specific ECU you choose.
- **Diagnostic Information**
Reference material regarding diagnosis of problems.

*Before continuing with any diagnosis, please ensure that the key switch is in the "ON" position.


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Bottom Window: Diagnosis - [Diagnostic Information]

Menu: File(F) Diagnosis(D) View(V) Check functions(E) Configuration(C) Options(S) Window(W) Help(H)

Left Panel: File(E) Diagnosis(D) Equipment DTC Diagnostic Information View(V) [HINO-BOWIE]

Right Panel: Symptom Based Diagnostic Procedure(S) DTC Based Diagnostic Procedure(D)

Equipment	File Name	Prepare Date
Engine	CR_03_L	2008/04/15 11:23:56
Engine	CR_03_J08E	2006/10/20 00:00:00
Engine	CR_03_J05D	2006/10/20 00:00:00
Engine	COMMON RAIL(J05E)	2008/04/14 11:03:34
Engine	COMMON RAIL(J08E)	2008/04/14 11:12:18
Engine	EngineECU_KOR_RUS	2008/04/14 11:17:24
Engine	CR_03_J08E_US	2008/04/08 09:36:44
Engine	CR_03_J05D_US	2008/04/08 09:07:58
Engine	COMMON RAIL(A09C)	2008/04/09 11:48:24
VCS	VEHICLE CONTROL	2008/04/09 15:10:30
Suspension	Air	2006/10/20 00:00:00
Engine	300Series	2008/02/18 20:51:16
Hybrid	HV	2008/04/15 11:21:00
Inverter	INV	2008/04/15 11:37:08
Battery	BATT	2008/04/15 11:15:14
Transmission	AT_45043LE	2006/10/20 00:00:00

Buttons:

A09C

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▼ Expand All

Symptom Based Trouble Shooting

[Engine Mechanical](#)

[Common Rail Injection System](#)

[Alternator](#)

[Starter](#)

[Air Compressor](#)

● **Engine Mechanical**

- ▶ Engine overheating
- ▶ Excessive oil consumption
- ▶ Piston seizure
- ▶ Lack of power
- ▶ Leakage of exhaust

[Engine Mechanical](#) [Common Rail Injection System](#) [Alternator](#) [Starter](#) [Air Compressor](#)

Content: P1459, P1462, P1463, P1467, P1468, P1601, P2120, P2121, P2121, P2122, P2123, P2126, P2126, P2127, P2128, P2228, P2229, U0073, U0101, U0104, U0121, U0132, U0155, U1122, U1123, U110A, Symptom Base, Sensor, Actuator, Explanation of so

VCS

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Diagnostic monitor code and Diagnosis trouble code (DTC) table

▲ NOTICE

MC No.: Diagnosis Monitor Code (Using the diagnosis monitor)
DTC No.: Diagnosis Trouble Code (Using the PC diagnosis tool)

DTC	DIAGNOSIS ITEM	PRESUMED CAUSE OF TROUBLE
P0500	Vehicle speed sensor circuit low input	The engine speed is 800 r/min or more, the water temperature is 80°C {176°F} or more and the vehicle speed is zero.
P0501	Excessive vehicle speed sensor circuit high input	A vehicle speed pulse equivalent to 200 km/h is detected.
P0501	Vehicle speed sensor signal error	A deviation in the vehicle speed is 200 km/h or greater in a cycle of 16 msec.
P0562	VBB fail trouble (Low range)	Voltage of 0V.
P0563	VBB fail trouble (High range)	Voltage of 32V or more.
P0605	Flash ROM error	FROM mirror check error.
P0617	Starter switch malfunction	The engine speed is 1,000 r/min or more and the starter switch is ON.
P0704	Clutch switch malfunction	No clutch change is made in a vehicle speed range from 0 km/h to 80 km/h or from 80

Content: Precautions for Wor, General information, Common rail fuel in, Electrical, Precautions, Inspection, Diagnosis using the, Diagnosis using the, Check the ECU power, Vehicle control ECU, Check the ground, Prior check, Signal, Trouble shooting fl, Diagnostic troub, NO ACTIVATION, NO ACTIVATION/REI, NO ACTIVATION/REI, NO ACTIVATION OF, NO RELEASE OF POW, INSPECTION