

DAIHATSU

F300

[HD-ENGINE]

FUEL SYSTEM

(HD-C Engine)

FU

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WN88E-FU001

PRECAUTIONS

1. Before working on the fuel system, be sure to disconnect the ground cable from the negative (-) terminal of the battery.
2. When working on the fuel system, never allow any naked fire to be brought near the working site. Also, never smoke cigarette or the like.
3. Do not allow the fuel to get to any parts made of rubber or resin.
4. Do not work on the fuel system of more than one vehicle at the same time.
5. Be certain to keep each part of the fuel system from contamination.
6. Be very careful not to allow any dirt or the like be mixed into the fuel system during the servicing operation.
7. Make sure to keep the working site clean. Also, be sure not to loose any part, specifically small parts.
8. Never loose nor mix up those pins, clips and springs with each other.

WR88-FU002

TROUBLE SHOOTING

Problem	Possible cause	Remedy	Page
Engine will not start/hard to start (Only case where cranking by startor motor is normal)	Carburetor problems <ul style="list-style-type: none"> • Choke operation • Needle valve sticking or clogged • Vacuum hose disconnected or damage • Fuel cut solenoid vlave not open • Outer vent valve not open 	Check choke system Check float and needle Check fuel cut solenoid valve Check outer vent valve	FU-4 FU-16 EC-3 FU-4, FU-17 FU-5, FU-17
Rough idle or stalls	Carburetor problems <ul style="list-style-type: none"> • Idle speed incorrect • Slow jet clogged • Idle mixture incorrect • Fuel cut solenoid valve not open • Fast idle speed setting incorrect (Cold engine) • Choke valve open (Cold engine) • Fuel pump faulty • Fuel filter clogged • Fuel line clogged • Fuel line bent or kinked 	Adjust idle speed Adjust idle mixture Check fuel cut solenoid valve Adjust fast idle speed Check choke system	MA-9 FU-17 EM-15 FU-5, FU-17 EM-17 FU-4, FU-17 FU-29 FU-32
Engine hesitates/poor acceleration	Carburetor problems <ul style="list-style-type: none"> • Float level too low • Accelerator pump faulty • Power valve faulty • Power piston faulty • Choke valve closed (hot engine) • Choke valve stuck open (cold engine) 	Adjust float level Check power valve Check power piston Check choke system	FU-22 FU-4 FU-17 FU-17 FU-4

WN88E-FU002

Problem	Possible cause	Remedy	Page
Engine hesitates/poor acceleration	<ul style="list-style-type: none"> • Fuel line clogged • Fuel pump faulty • Fuel filter clogged • Fuel line bent or kinked 	Check fuel line Check fuel pump Replace fuel filter Replace fuel line	FU-29 FU-32
Engine dieseling (Runs after ignition switch is turned off)	Carburetor problems <ul style="list-style-type: none"> • Linkage sticking • Idle speed out of adjustment • Fuel cut solenoid faulty 	Adjust idle speed Check fuel cut solenoid valve	FU-3 MA-9 FU-5, FU-17
Poor fuel mileage	Carburetor problems <ul style="list-style-type: none"> • Choke faulty • Idle speed too high • Power valve always open • Idle mixture incorrect Fuel leak	Check choke system Adjust idle speed Check power piston and valve Adjust idle mixture Repair as necessary	FU-4 MA-9 FU-17 EM-15
Unpleasant odor	Outer vent valve always open	Check outer vent valve	FU-5, FU-17

WN88E-FU003

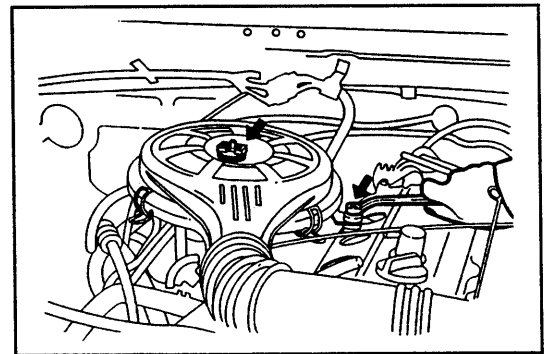
IN-VEHICLE INSPECTION

1. Removal of air cleaner

NOTE:

Before starting the engine, plug the ITC valve hoses, etc. to prevent rough idling.

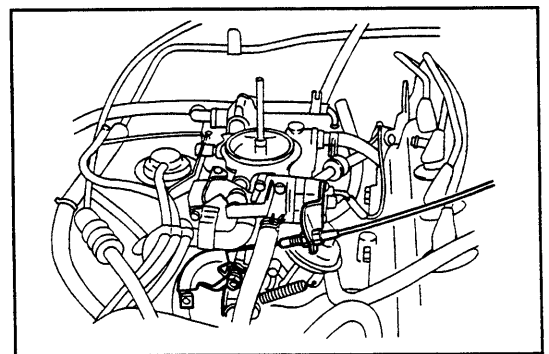
- (1) Remove the following hoses:
 - Vacuum hose to BSV
 - ITC vacuum hose to carburetor
 - PCV gas hose
 - Hot air intake hose
 - Cool air intake hose
- (2) Remove the air cleaner.



WR88-FU005

2. Inspection of carburetor and linkage

- (1) Ensure that each screw plug is installed correctly.
- (2) Check each linkage for evidence of excessive wear. Also, check to see if any snap ring is missing.
- (3) With the acceleration pedal fully depressed, check to see if the throttle valve opens fully.



WR88-FU006