

TROUBLESHOOTING

ENGINE TROUBLESHOOTING

If something is wrong with the engine, refer to the table below for the cause and its corrective countermeasure.

Trouble	Cause	Countermeasure
Engine is difficult to start or Will not start.	<ul style="list-style-type: none"> No fuel flow 	<ul style="list-style-type: none"> Check the fuel tank and fuel filter. Check the electric fuel pump. Check the injector. Check the ECU with Motor Scan KF90121. Replace filter electric fuel pump injector and ECU If necessary.
	<ul style="list-style-type: none"> Water is in the fuel system 	<ul style="list-style-type: none"> Check to see if the fuel tank cover is tight.
	<ul style="list-style-type: none"> In winter, oil viscosity increases, and Engine revolution is slow. 	<ul style="list-style-type: none"> Use oils of different viscosities, depending on ambient temperatures.
	<ul style="list-style-type: none"> Battery becomes weak and the engine does not turn over quick enough. 	<ul style="list-style-type: none"> Clean battery cables and terminals. Charge the battery. In cold weather (-15°C), always remove the battery from the vehicle, charge and store it indoors. install it on the vehicle only when the vehicle is going to be used.
Engine power is insufficient	<ul style="list-style-type: none"> Insufficient fuel. The injector is clogged. Crankshaft position sensor is Spoiled. The air cleaner is clogged. Spark plug is dirty or spoiled. Ignition coil is spoiled. 	<ul style="list-style-type: none"> Check the fuel system. Clean or replace the injector. Replace crankshaft position sensor. Clean or replace the air cleaner. Clean or replace the spark plug. Replace the ignition coil.
Engine stops suddenly	<ul style="list-style-type: none"> Check with the diagnostic instrument (Motor Scan KF90121). 	
Engine overheats	<ul style="list-style-type: none"> Engine overloaded 	<ul style="list-style-type: none"> Shift to lower gear or reduce load.
	<ul style="list-style-type: none"> Low coolant level. 	<ul style="list-style-type: none"> Fill cooling system to the correct level; Check radiator and hoses for loose connections or leaks.
	<ul style="list-style-type: none"> The motor driven fan does not turn. 	<ul style="list-style-type: none"> Check to see if the fuse is not blown. Check the electric system.
	<ul style="list-style-type: none"> Dirty radiator core or grille screens. 	<ul style="list-style-type: none"> Remove all trash.
	<ul style="list-style-type: none"> Coolant flow route corroded. 	<ul style="list-style-type: none"> Flush cooling system.

If you have any questions, consult your local dealer.

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Check malf code meaning by reading the below table.

Mt05	ECU	Malf	Code
Table:23			
Malf code in MT05	Description		
P0107	MAP Circuit Low Voltage or Open		
P0108	MAP Circuit High Voltage		
P0112	IAT Circuit Low Voltage		
P0113	IAT Circuit High Voltage or Open		
P0117	Coolant/Oil Temperature Sensor Circuit Low Voltage		
P0118	Coolant/Oil Temperature Sensor Circuit High Voltage or Open		
P0122	TPS Circuit Low Voltage or Open		
P0123	TPS Circuit High Voltage		
P0131	O2A Circuit Low Voltage		
P0132	O2A Circuit High Voltage		
P0031	O2A Heater Circuit High Voltage		
P0032	O2A Heater Circuit Low Voltage		
P0201	Injector 1 Circuit Malfunction		
P0202	Injector 2 Circuit Malfunction		
P0230	FPR Coil Circuit Low Voltage or Open		
P0232	FPR Coil Circuit High Voltage		
P0336	CKP Sensor Noisy Signal		
P0337	CKP Sensor No Signal		
P0351	Cylinder 1 Ignition Coil Malfunction		
P0352	Cylinder 2 Ignition Coil Malfunction		
P0505	Idle Speed Control Error		
P0562	System Voltage Low		
P0563	System Voltage High		
P0650	MIL Circuit Malfunction		
P1693	Tachometer Circuit Low Voltage		
P1694	Tachometer Circuit High Voltage		

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BATTERY TROUBLESHOOTING

Trouble	Cause	Countermeasure	Preventive measure
Starter does not function	<ul style="list-style-type: none"> ● Battery overused until lights are dim. 	<ul style="list-style-type: none"> ● Charge the battery sufficiently. 	<ul style="list-style-type: none"> ● Charge the battery properly.
	<ul style="list-style-type: none"> ● Battery has not been recharged. 		
	<ul style="list-style-type: none"> ● Poor terminal connection 	<ul style="list-style-type: none"> ● Clean the terminal and tighten securely. 	<ul style="list-style-type: none"> ● Keep the terminal clean and tight. Apply grease and treat with anti-corrosive.
	<ul style="list-style-type: none"> ● Battery life expired 	<ul style="list-style-type: none"> ● Replace with a new battery 	
From beginning starter does not function, and lights soon become dim	<ul style="list-style-type: none"> ● Insufficient charging 	<ul style="list-style-type: none"> ● Charge battery Insufficiently 	<ul style="list-style-type: none"> ● Battery must be serviced properly before initial use
When viewed from the top of plates, look whitish. * Refillable type battery only	<ul style="list-style-type: none"> ● Battery was used with an insufficient amount of electrolyte. 	<ul style="list-style-type: none"> ● Add distilled water and charge the battery. 	<ul style="list-style-type: none"> ● Regularly check the electrolyte level.
	<ul style="list-style-type: none"> ● Battery was used with too much without recharging. 	<ul style="list-style-type: none"> ● Charge battery Insufficiently 	<ul style="list-style-type: none"> ● Charge battery properly
Recharging is impossible.	<ul style="list-style-type: none"> ● Battery life expired. 	<ul style="list-style-type: none"> ● Replace battery. 	
Terminals are severely corroded and heat up.	<ul style="list-style-type: none"> ● Poor terminal connection 	<ul style="list-style-type: none"> ● Clean the terminal and tighten securely. 	<ul style="list-style-type: none"> ● Keep the terminal clean and tight. Apply grease and treat with anti-corrosives.
Battery electrolyte level drops rapidly. * Refillable type battery only	<ul style="list-style-type: none"> ● There is a crack or pin holes in the electrolytic cells. 	<ul style="list-style-type: none"> ● Replace battery. 	
	<ul style="list-style-type: none"> ● Charging system trouble. 	<ul style="list-style-type: none"> ● Consult your local dealer. 	

- If you have any questions, consult your local dealer.
- The factory installed battery is non-refillable type.

TROUBLESHOOTING

MACHINE TROUBLESHOOTING

Trouble	Cause	Countermeasure
Non agility for Gearshift	<ul style="list-style-type: none"> ● High idling speed of engine 	<ul style="list-style-type: none"> ● Replace throttle cable; ● Replace throttle petal ● Replace he throttle
	<ul style="list-style-type: none"> ● High rotary speed for clutch connection. 	<ul style="list-style-type: none"> ● Replace he junior clutch spring; ● Replace the primary clutch.
	<ul style="list-style-type: none"> ● Not good adjustment for gearshift stay wire. 	<ul style="list-style-type: none"> ● Put the gearshift rod into the position of "N". ● Put the gearshift arm of engine into "N". ● Adjust the stay wire and the bolt. ● Lock tightly.
	<ul style="list-style-type: none"> ● Gear abrasion 	<ul style="list-style-type: none"> ● Replace the gears
Transmission noise	<ul style="list-style-type: none"> ● Big matching clearance for the inner and outside gears of transmission shaft 	<ul style="list-style-type: none"> ● Replace the gears
	<ul style="list-style-type: none"> ● Big clearance of transmission gears. 	<ul style="list-style-type: none"> ● Replace the gears
	<ul style="list-style-type: none"> ● Not good connection of gear end face 	<ul style="list-style-type: none"> ● Replace the gears
Less vehicle power	<ul style="list-style-type: none"> ● Parking brake 	<ul style="list-style-type: none"> ● Loosen the lay-up rod
	<ul style="list-style-type: none"> ● Not full Uncoupling for disc brake 	<ul style="list-style-type: none"> ● Contact the distributor.
	<ul style="list-style-type: none"> ● CVT transmission sliding 	<ul style="list-style-type: none"> ● Removing the grease for the clutch. ● Replace CVT transmission belt ● Replace the clutch.
No good brake or noise	<ul style="list-style-type: none"> ● Less brake oil 	<ul style="list-style-type: none"> ● Check the braking oil level
	<ul style="list-style-type: none"> ● Air inside the braking system. 	<ul style="list-style-type: none"> ● Contact the distributor.
	<ul style="list-style-type: none"> ● Brake discs abrasion 	<ul style="list-style-type: none"> ● Contact the distributor.
	<ul style="list-style-type: none"> ● Assembling bolt of disc plate loose 	<ul style="list-style-type: none"> ● Lock tightly
	<ul style="list-style-type: none"> ● Assembling bolt for disc brake clippers loose 	<ul style="list-style-type: none"> ● Lock tightly

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