

# TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	REMEDY
<b>ENGINE</b>		
<b>Engine not starting</b>	Wrong way of starting engine	Use proper way of starting
	No fuel	Check Fuel level
	Air trapped in fuel system	Bleed the fuel system
	Checking of fuel syst	Contact authorized servicing dealer
	Fuel injector faulty	Replace fuel injector
	Pull to lever knob in pulling condition	Return to its proper position
	Fuel filter restriction	Replace fuel filter
<b>Engine not running smoothly</b>	Fuel filter restriction	Replace fuel filter
	Low quality of fuel	Drain diesel from fuel tank and fill with clean diesel.
	Restriction of fuel system	Check fuel system
	Fuel injector faulty	Replace fuel injector
<b>Excessive oil consumption</b>	Oil level is more than maximum level	Remove some oil to lower the level
	Oil leakage	Check and repair
<b>Engine not giving maximum power</b>	Oil quality is not good	Use genuine oil
	Heavy load on engine	Adjust load or implement setting
	Air cleaner dirty	Clean air cleaner
	Fuel filter restriction	Replace filter
	Engine overheating	Check cooling system
	Engine operating temperature is less	Check thermostat
	Valve clearance not proper	Adjust through authorized servicing dealer
	Throttle system not working properly	Check & repair through authorized servicing dealer
<b>Engine abnormal noise</b>	Oil level low	Top up oil up to level
	Oil pressure low	Check through authorized servicing dealer
	Engine is overheated	Check and find reason
	Improper tappet setting	Contact to authorized servicing dealer
<b>Oil pressure indicator show warning</b>	Oil level low	Top up oil up to level
	Oil quality is not good	Use genuine engine oil
	Oil pump not working	Check and repair through
<b>Engine over heating</b>	Radiator cap faulty	Replace with new one
	Clogged radiator fins	Clean it
	Engine gets overload	Decrease load or shift to low gear
	Oil level is low	Top up oil up to level
	Coolant level is low	Check level and leakage of system and top up
	Slippage of fan belt	Check belt tension
	Thermostat faulty	Replace
	Choking of cooling system	Clean the cooling system
	Water temp. gauge not working	Check through servicing dealer and faulty replace

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PROBLEM	POSSIBLE CAUSE	REMEDY
<b>ENGINE</b>		
<b>Excessive fuel consumption</b>	Air cleaner is dirty / clogged	Clean air cleaner
	Overloading of engine	Reduce load or shift to low gear
	Improper valve clearance	Check and adjust
	Implement setting improper	Contact servicing dealer for how to adjust it correctly
	Low engine temp	Check injectors and service
	Fuel injection nozzle faulty	Check and service through authorized servicing dealer
<b>HYDRAULIC</b>		
<b>Excessive heating of oil</b>	Incorrect hydraulic pressure	Adjust relief valve according to specification
	Oil level is high or less	Check and maintain proper level
	Hydraulic strainer clogged	Clean or replace
<b>Linkage goes down slowly</b>	Mechanical linkage might be faulty	Contact your authorized servicing dealer
	Bush tight	Contact your authorized servicing dealer
	Response valve setting improper	Contact your authorized servicing dealer
<b>Linkage not lift fully</b>	Improper lift arm setting	Contact your authorized servicing dealer
	Improper internal adjustment	Contact your authorized servicing dealer
<b>TPL not respond to lifting while operating hydraulic lever</b>	Linkage not connected properly	Contact your authorized servicing dealer
	Heavy load on linkage	Contact your authorized servicing dealer
<b>Hydraulic system not working properly</b>	Response valve setting very low	Contact your authorized servicing dealer
	Oil level low	Check and top up
	Hydraulic strainer clogged	Clean or replace
	Hydraulic system faulty	Contact your authorized servicing dealer
	Hydraulic pump not working	Contact your authorized servicing dealer
<b>BRAKES</b>		
<b>Noise while applying brakes in one side</b>	Wrong adjustment of brake pedal	Check and adjust
	Brakes only work when fully pressed	Check and adjust
<b>Brakes only works when fully pressed</b>	Wrong adjustment of brakes	Check and adjust
<b>ELECTRICAL</b>		
<b>Electrical system not working</b>	Battery terminal loose or rusting of terminal	Clean and tighten the terminals
	Less specific gravity	Replace or fill electrolyte up to level
<b>Startet motor not working</b>	Battery terminal loose / Battery discharged	Tighten / Recharge or replace battery
	Faulty starter motor	For repair contact your authorized servicing dealer
<b>Battery not charging</b>	Loose or rusted terminals	Clean and tighten terminal
	Belt loose	Check belt tension
	Faulty battery	Replace

\* TPL = Three Point Linkage