

Troubles	Probable Cause	Remedy	Procedure
	Lubrication	Pour or change oil	Shortage of oil amount or inferior oil cause engine seizing and stick. Supply proper grade oil or change if necessary.
	Fuel	Check	Premium quality gasoline is being used.
High oil consumption	① Wear of engine's part	Replace	Worn piston, piston ring and cylinder should be replaced.
	② Clearance between valve and valve guide	Replace	Replace both valve and valve guide in case there are large clearance between them.
	③ Piston ring installation	Disassembling and inspect	Each piston ring must be installed properly on the piston and piston ring gaps must be staggered at 120° apart.
	④ Amount of oil	Check	When the oil was overfilled, drain the oil to bring to the proper oil level.
	⑤ Leakage	Check	Replace the gasket or oil seal and retighten the screws.

(CLUTCH MULFUNCTION)

Troubles	Probable Cause	Remedy	Procedure
Clutch slippage	Wear clutch plate and clutch friction disk and spring damage	Check and repair	Spring compressive force and free length are beyond the servicable limit, they should be replaced. Replace the parts in case the clutch disks and plates are distorted or excessively worn.
Clutch stick	Oil and defective installation	Inspect and adjust	Readjust the clutch or replace the clutch disks and plates if necessary.
Chattering noise	Clutch spring	Check and adjust	Adjust the same height of clutch spring and replace if the springs are distorted.
Gear shift operation			
Not able to shift the gear	Gear, shift fork, shift arm, spring	Inspect and replace	① Broken, wear and damage of these parts should be replaced. ② Repair the gear shaft arm or drum if they do not operate smoothly.
Gear change pedal does not return to the normal position	Gear shift return spring and gear shift arm spring	Inspect	① Repair or replace if they are defectively.
Transmission gear jumping	Gear shift fork, gear shift drum stopper spring	Repair	① If the gear shift fork finger is deformed or excessively worn, it should be replaced. ② Replace if the spring compressive force is inadequate.