

Cause	Fault or Remedy
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Bad cold start

Choke flaps not closing	Bimetallic spring in starter cover defective Starter cover insufficiently pretensioned Choke flaps binding
Throttle valve insufficiently adjusted	Adjust cold start speed increase (refer to Job No. 07-4)

Engine stops after cold start

Fuel mixture too rich or too lean	Adjust choke valve gap and cold start speed increase (refer to Job No. 07-4)
Vacuum diaphragm of starter valve glued down or defective	Replace vacuum diaphragm

Engine stops when engaging gears (engine cold)

Cold start speed too low or too high Inaccurate choke valve gap Vacuum regulator wrongly adjusted	Adjust cold start speed, choke valve gap or vacuum regulator (Job No. 07-4)
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Engine stops in warming-up period

Starter cover insufficiently pretensioned Vacuum regulator wrongly adjusted	Set starter cover to mark or to 2-3 mm above mark Adjust vacuum regulator (Job No. 07-4)
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Cause	Fault or Remedy
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Bad idling speed

Choke flaps not fully opening	Fuse for automatic start or heater coil in starter cover burned Starter flaps binding Starter cover too much pretension
Idling speed fuel nozzle or idling speed air hole clogged	Clean nozzle and bore
Idling speed duct, bypass bores clogged	Clean duct and bores
Leaky floats	Replace floats
Wrong float adjustment	Adjust floats (refer to Job No. 07-3)
Damaged idling speed mixture regulating screw or damaged seat in housing	Replace regulating screw or throttle valve member
Leaks on seals on carburetors, on intake pipe or on vacuum connection	Find leaks by means of spray test and repair

Increased idling speed

Actuating lever does not return to idling speed stop	Check regulation for easy operation, install guide lever with polyamide bushings or second return spring, if required
Float chamber venting valves hard to move	Replace venting valves
Vacuum regulator too widely adjusted	Adjust vacuum regulator (refer to Job No. 07-4)

Bad transition

No or insufficient injection	Injection pipe clogged Sleeve of accelerator pump not enough pretension Suction valve of accelerator pump leaks
Too much injection	Adjust injection quantity (refer to Job No. 07-3)
Wrong direction of injection	Bend injection pipe as required (refer to Job No. 07-4)

Bad hot start

Float chamber venting valves open insufficiently	Adjust venting valves (refer to Job No. 07-4)
Venting valves contaminated	Clean venting valves

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High fuel consumption

Leaky float needle valve	Replace float needle valve and seal
Wrong float adjustment	Adjust floats (refer to Job No. 07-3)
Injection quantity too high	Adjust injection quantity (refer to Job No. 07-3)
Wrong nozzle line-up	Adjust nozzle line-up
Choke flaps not completely open	Check choke flaps for easy operation, check heater coil in starter cover for function