

Chapter 10 | TROUBLE-SHOOTING

Please do refer to following recommended remedies when you have troubles and if still you can not solve the problems you are kindly requested to contact us.

Trouble	Causes	Remedy
Reduced impact force	<ul style="list-style-type: none"> - Low engine rpm - Leakage to gas chamber in backhead - Leakage in accumulator - Lost setting pressure in relief vale - Rod being stuck 	<ul style="list-style-type: none"> - Adjust throttle lever - Check pressure and refill - Check pressure and refill - Adjust pressure - Grinding part being stuck
No hammering	<ul style="list-style-type: none"> - Relief valve improperly setup - High pressure in Backhead - Oil smeared into gas chamber - Piston, cylinder or valve stuck not to move 	<ul style="list-style-type: none"> - Adjust pressure to operating - Adjust gas pressure - Replace seal - Smooth grinding by fine sandpaper
Irregular hammering	<ul style="list-style-type: none"> - Excessive pressure in gas chamber - Low working pressure - Rod stuck between front head and surface of rod - Piston, cylinder and valve stuck in places 	<ul style="list-style-type: none"> - Adjust gas pressure - Adjust relief valve - Grinding the place of part stuck - Grinding the place of part stuck
Gas leakage	<ul style="list-style-type: none"> - Gas seal impaired 	<ul style="list-style-type: none"> - Replace with new seal - Change charging valve
Bad movement of rod.	<ul style="list-style-type: none"> - Rod diameter incorrect rod and pin jammed due to rod pin wear jammed front cover and rod - Deformed rod and piston contact area 	<ul style="list-style-type: none"> - Replace rod with genuine parts - Smoothen rough surface of rod and replace rod pin - Smoothen rough surface of front bush replace rod
Sudden reduction power and vibration of high pressure line (In-line)	<ul style="list-style-type: none"> - Accumulator gas leakage - Accumulator diaphragm damage 	<ul style="list-style-type: none"> - Replace O-ring, or refill nitrogen gas - Replace diaphragm
Oil leakage between front head and rod	<ul style="list-style-type: none"> - Cylinder seal worn 	<ul style="list-style-type: none"> - Replace seal