

Directory of Troubleshooting

Unable to start

Probable causes	Actions
Belt is loose or broken	Tighten or replace belt
Fuse for power or circuit blown out	Check ampere capacity and replace fuse
Needle position signal or one-rotation signal is not detected	Adjust needle position with wrench so that needle position LED come on
Frame limit switch is actuated	Move frame to appropriate position
Abnormality warning lamp in drive unit is on	Clean air filter
Incomplete contact of connectors in control box	Securely couple connectors
Incomplete contact of connectors in main shaft drive motor control box	Securely couple connectors

Color change incorrect

Probable causes	Actions
Incorrect stop position	Manually set main shaft to fixed position
Needle position and one-rotation signals are not detected	Adjust needle position with wrench so that stop position indicating lamp comes on
Incorrect needle bar position	Set position correctly
Incorrect take-up lever position	Adjust take-up lever so that it coincides with others in position at fixed position
Relay or fuse for color change defective	Replace relay or fuse

Upper thread defective incomplete

Probable causes	Actions
Thread take-up spring incomplete contact	Securely couple connectors
Tension base connector incomplete contact	Securely couple connectors
Upper thread breakage timing contact incomplete	Clean and adjust the upper thread breakage timing contact

Deformed design

Probable causes	Actions
Frame drive belt is too tight	Loosen
Frame guide rails are clogged with foreign materials	Clean the rails
Frame drive circuit defective	Replace
Memory plate defective	Replace
Overall weight of the frame is excessive	Decrease R. P. M