

Troubleshooting

9 Troubleshooting



NOTE

*) These tasks to be performed by authorized staff only

Malfunction	Probable Cause	Remedy
Engine		Refer to engine manual
Engine will not start	Drive selector (4-7/3) not in neutral	Put drive selector in neutral
Loader arm cannot be lifted or dropped	Pressure valve in in control valve may be open	Remove pressure valve, clean and re-calibrate*
	Control valve for main hydraulics (4-7/2) locked	Unlock control valve (1-2/1)
	No pilot pressure or pressure too low	Open pressure valve in control circuit, clean and re-calibrate*
	Diesel engine failure	Use residual pressure to lower the loader arm to the ground immediately after engine failure
More force required for steering	Pressure valve in steering unit may be open	Remove pressure valve, clean and re-calibrate*
	Slide valve in priority valve blocked	Replace priority valve
Swivel assembly (1-4/arrow) fails to rotate	Swivel mechanism may be blocked	Remove swivel assembly block and store in holder
	Pressure valve in control valve may be open	Remove pressure valve, clean and re-calibrate*
Support failure	Cut-off valve switch in frame under swivel assembly jammed	Rotate loader arm in direction of travel; free arm
Support failure when loader arm is lowered in swivelled state	Non-return valve in pressure hose open	Rotate loader arm in direction of travel, remove non-return valve clean and refit or replace*

Malfunction	Probable Cause	Remedy
Malfunction in travel and main hydraulics	Filter clogged	Change filter inserts
	Low oil fill-level in hydraulic oil reservoir	Top up with oil
	Electrical connection of axial piston pump not tight, separated or corroded	Connect according to wiring diagram or clean
	High pressure valves contaminated	Clean
Brake malfunction	Parking brake cannot hold vehicle	Check adjustment and possibly readjust*
		Check whether breaker circuit is attached to brake lever
Alternator not charging	Loose connector	Replace and fasten connector
	Alternator belt snapped	Relace belt
	Alternator revs too low	Check tension of alternator belt. and re-tension, if needed
Heating/Ventilation unit failure	Fuse blown	Replace fuse
Hose connectors for attachments will not attach	Increased pressure due to effect of heat on attachment	Carefully remove screw joint above the quick coupling, to bleed oil and reduce the increased pressure. Re-tighten the screw joint
	Increased pressure in unit	NOTE Dispose of waste oil in an environmentally friendly way! Switch engine off, release pressure in pilot valve (4-9/5) through circular motion of lever