SKID STEER LOADER

SERVICE MANUAL

HSL500T

HYUNDAI

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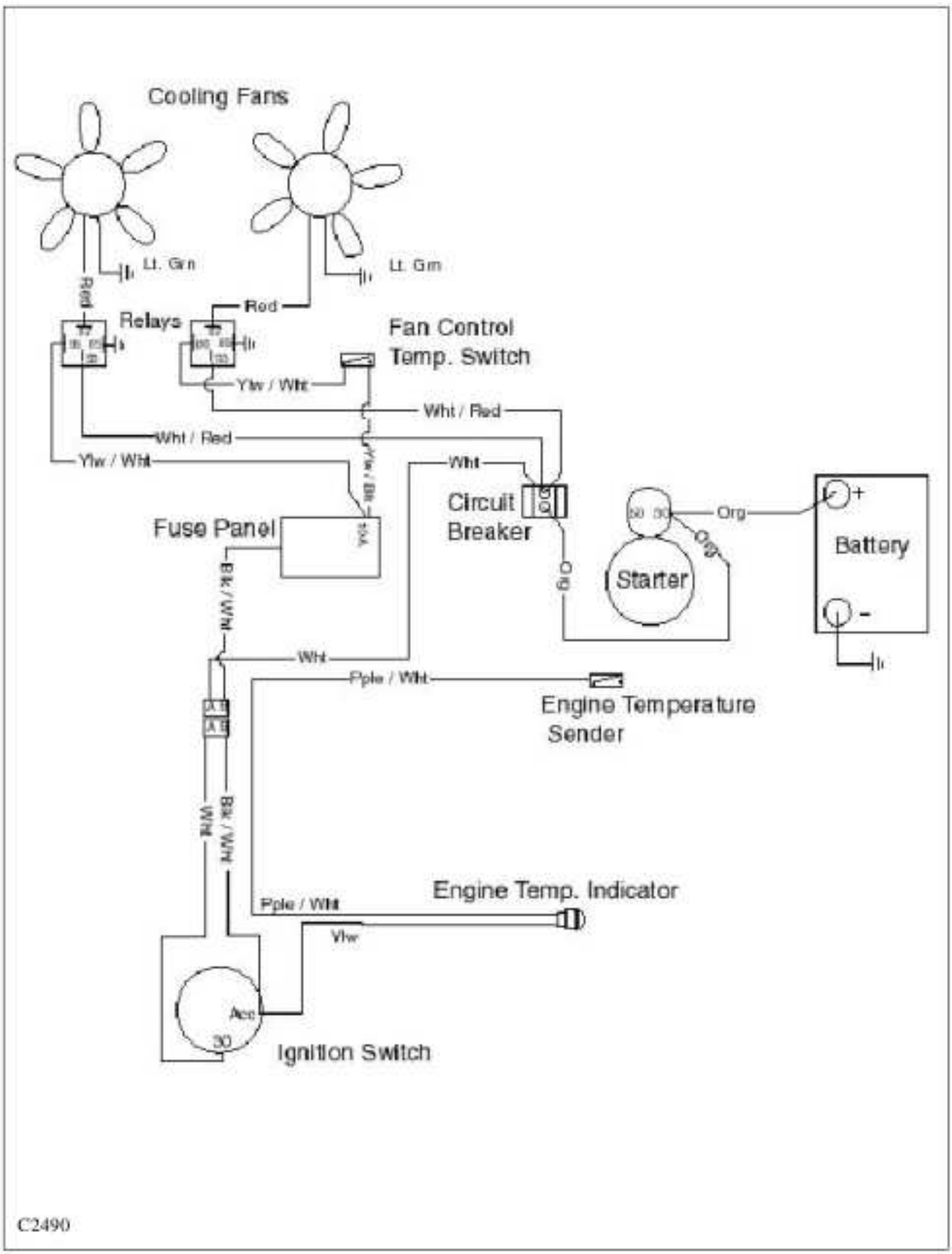
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TROUBLE SHOOTING 4.7

Symptom	Cause	Corrective Action	Section
Loader creeps, won't center	Neutral adjustment	Adjust linkage	4.1
	Worn, loose linkage	Replace, tighten parts	4.1
	Binding, dragging parts	Repair, replace	4.1
Steering jerky	Worn, loose linkage	Replace	4.1
	Binding linkage	Repair, replace	4.1
	Linkage adjustment	Adjust	4.1
	Low charge pressure	Repair, replace	2
Loader doesn't track straight	Limiter stops	Adjust	4.1
	Binding linkage	Repair, replace	4.1
	Hydrostatic failure	Repair, replace	2
Boom controls inoperative	Damaged cables, linkage	Replace	4.2, 4.3
	Safety switch (s)	Adjust, replace	5
	Bad electrical ground	Repair	5
	Blown fuse	Replace	5
	Valve lock malfunction	Replace parts	1, 5
	Low hydraulic oil	Replenish	1
	No oil pressure	Test and repair	1
Boom operation slow	Cable linkage	Replace, adjust	4.2, 4.3
	Aux. hydraulics engaged	Disengage	
	Engine RPM low	Adjust	7
	Control valve relief	Adjust, replace	1
	Cylinder seal, damage	Repair, replace	1
Boom controls stiff	Cable wear	Replace	4.2, 4.3
	Pivot wear	Replace parts	4.2, 4.3
	Control valve wear	Repair, replace	1
Auxiliary hyd. inoperative (solenoid control type)	Blown fuse	Replace	5
	Switch (s) failure	Replace	5
	Aux. valve malfunction	Repair, replace	1
	Electrical short	Repair	5
	Bad electrical ground	Repair	5
Brake won't hold	Service plunger on brake valve open	Inspect and service	2
	Brake disc wear or damage	Repair, replace	2
Brake won't release	Blown fuse	Replace	5
	Safety switch malfunction	Adjust, replace	5
	Lack of hydrostatic charge pressure	Test, repair	2
	Brake valve failure	Repair, replace	2

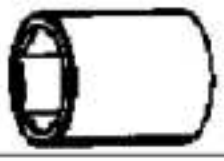
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COOLING FAN CIRCUIT 5.11



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SPECIAL TOOLS 8.3

P / N	Illustration	Description	Model
916-30042-01 25197		DRY LINER PULLER - Used for removing and installing the dry liner of the engine. Consists of: 304742 (64mm); 304743 (68mm); 30744 (75mm) 304745 (76mm); 304746 (82mm); 304747 (105mm); Removing Plates; 304748 Installing Plate	Kubota
07909-30202-01 25198		DIESEL ENGINE COMPRESSION TESTER - Used to measure diesel engine compression and diagnosis of need for major overhaul.	Kubota
07916-30820-01 25199		CRANKSHAFT NUT SOCKET - Used to take off and fix the crankshaft nut. (46 mm).	Kubota
07916-30840-01 25200		NOZZLE REMOVER SOCKET - Used to unfasten the screw type nozzle holders.	Kubota
70090-01125-01 25201		NOZZLE DISASSEMBLY SOCKET - Used in place of a vice for disassembly and repair of nozzles.	Kubota
960456		HYDRAULIC FLOW AND PRESSURE GAUGE ASSEMBLY.	All Loaders

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