

Suggested Spares Guide L490-150

This suggested spares guide is specifically developed for this serial number. The parts are grouped into 4 tiers, with each tier representing a higher level of support. The items in tier 1 will be required for periodic maintenance within the first year.

Tier 1 - Maintenance - Includes all periodic maintenance items.

Tier 2 - Basic - Includes wear items and specialized tools.

Tier 3 - Intermediate - Includes some key, larger, longer lead-time items.

Tier 4 - Advanced - Includes rebuild kits for major assemblies, complete cylinders, etc.

Tier 1 - Maintenance

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
230463	Filter Element, Breather	224744	2	
600048	Filter Element, Coolant	596989	1	
600142	O-Ring Kit, Fuel/Water Separator	600138	2	
600148	Filter Element, Fuel/Water Separator		1	
600156	Primary Element, Air Cleaner	600155	2	
600157	Secondary Element, Air Cleaner		2	
586655	Cab Air Recirculation Element	597899	1	
		597898	1	
600165	Secondary Fuel Filter Element	600164	1	
600168	Filter, DEF Supply Module	600167	1	
588563	Filter Element, Engine Oil	600178	1	
600187	Filter Element, Crankcase	600186	1	
600194	Filter, DEF Suction	600188	1	
600637	Filter Element, Pressurizer	600613	1	
259465	Element, Return Filter	600875	2	
247429	Filter Element, Spin-On, Brake Cooling and Transmission	600991	2	
		602175	1	
600169	Alternator Drive Belt	596989	1	
600171	Fan Drive Belt	596989	1	
258774	Wiper Blade Assembly	599890	2	
590724	Wiper Motor	599890	2	
591266	Filter, Intake, Air Cond/Heater	590073	1	
208136	Air Filter Indicator	598950	1	
R233598	Breather, 1-Way	602171	1	
600891	Breather, Hyd 3 Micron	598459	1	
203496	O-Ring, Tank Inspection Cover	598459	1	
		600878	1	
598938	Spanner for Wheel Bearing Adjustment Nut, Front	597694	1	
596633	Spanner for Wheel Bearing Adjustment Nut, Rear	597695	1	
256059	Charging Kit, Top Repairable Accumulator	590154	1	

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Tier 2 - Basic

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
597769	Resistor, 125 Ohm, 5 Watt	598870	1	
2313417	Fuse, 5 Amp	597898	10	
		598877	1	
241893	Resistor, 18k Ohm	598870	1	
		598872	1	
237172	Resistor, 1k Ohm	598868	1	
		598871	3	
		602716	1	
83246	Resistor, 2700 Ohm	602716	1	
240519	Thermistor, 1.3 Ohms	599681	1	
601846	Housing - Receptacle, W/ Diode	602716	2	
258535	Diode, 3 amp, 1000v	602716	4	
587434	Digital Speed Sensor	605120	1	
260419	DEF Tank Sensor	600188	1	
600238	Sensor, Coolant Level	600351	1	
246905	Sensor, Press Transducer	605120	1	
259599	Speed Sensor	597894	2	
598644	Linear Position Sensor	602177	3	
251424	Fluid Temp. Sensor	600878	1	
		602175	1	
		602171	1	
597377	Relay, Micro, 24V SPDT	597898	10	
		598877	5	
		602701	5	
599794	Fuse Block, Inline	602701	1	
600615	Relay, Mini ISO	598872	1	
		600910	1	
		599681	2	
598718	Pressure Transducer	600878	2	
598153	Pressure Transducer	598738	1	
		602171	2	
		602175	1	
		598056	1	
		601788	2	
		605832	4	
203498	O-Ring, Bogie Install	600378	4	
550239	Seal, Dirt		4	
580156	Thrust Washer		4	
563163	Bushing		2	
562468	Gasket, Hydraulic Tank Dirt Box Cover	600878	1	

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Tier 2 - Basic (Continued)

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
505499	Gasket, Pump, SAE C Drive	602171	3	
598213	Gasket, Pump, SAE D Drive	602171	3	
598177	Packing Kit, HD/KO Cylinder	603003	4	
606429	Packing Kit, Hoist Cylinder	606425	2	
590576	Packing Kit, Steering Cylinder	606041	1	
		606042	1	
606420	Packing Kit, Tilt Cylinder	606418	2	
Y056839	Seal Kit, Cylinder, Tilt Cab	Y27.423	1	
593125	Parking Brake Lining Kit	593014	1	
257099	Kit, Flexplate	602171	1	
599602	Service Kit, Converter	597688	1	
234497	Dampener, Vibration	595520	1	
		602169	5	
		602171	2	
234774	Gas Spring	601880	1	
		601881	1	
		598604	1	
258338	Floodlight	597669	2	
		600439	2	
		600440	2	
		602700	1	
		603635	2	
598449	U-Joint, 8.5C	598440	2	
598451	U-Joint, 9C	598442	2	
		598441	2	
		598445	1	
		598443	2	
		598444	1	
599410	Pressure Cap, Surge Tank	599696	1	
X-204248	Installation Tool, 5.5" Pin (Used on 597633)	Service Tools	1	
593471	Piston Loading Sleeve for Accumulator		1	
593402	Seal Ring Sleeve Driver, Front		1	
261754	Seal Ring Sleeve Driver, Rear		1	
260103	Centering Tools for Brake Discs		1	
593406	Installation Tool for Face Seal		1	
260102	Tool, Sleeve Driver - Front Axle		1	
260033	Tool, Sleeve Driver - Rear Axle		1	
593404	Wrench, Spanner, Differential, Front		1	
261592	Wrench, Spanner, Differential, Rear		1	

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Tier 3 - Intermediate

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
587161	Thermostat, Air Conditioner/Heater	600021	1	
590799	Evaporator Probe Assembly		1	
587162	Valve, Expansion, Air Conditioner/Heater		1	
587301	Core, Heater/Evaporator, Air Conditioner/Heater		1	
587160	Motor, Double Blower 24V, Air Conditioner/Heater		1	
591268	Heater Core Assembly	590073	1	
591269	Evaporator Assembly		1	
597617	Module Assy, Elect. Thermostat		1	
597619	Valve, Expansion		1	
239190	Switch, 3-Speed, Air Conditioner/Heater	600332	1	
597920	Joystick, LH	597644	1	
597921	Joystick, RH		1	
235218	Steering Control Unit	598418	1	
234990	Steering Flow Amplifier	600639	1	
598440	Driveline Assembly	597653	1	
598441	Driveline Assembly		1	
598442	Driveline Assembly		1	
598443	Driveline Assembly		1	
598444	Driveline Assembly		1	
598445	Driveline Assembly		1	
598446	Driveline Assembly		1	
597894	Motor, Cooling Package	601880	1	
		601881	1	
597830	Pump, Var Piston (Implement, LH & RH)	602171	2	
597831	Pump, Var Piston (Steering)		1	
597832	Pump, Gear Tandem (Fan Pump)		1	
600282	Pump, Gear Tandem (Charge/Brake Cooling)		1	
599853	Wagner Smart Screen	602162	1	
254837	Expansion Module	603635	1	
		602177	2	
79603	Expansion Module	602162	1	
		602177	1	
		606198	1	

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Tier 4 - Advanced

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
259380	Service Brake Lining Kit	598835	2	
259381	Service Brake Seal Kit	598835	2	
596435	Parking Brake Seal Kit	593014	1	
259605	Service Kit, Front Axle	597694	1	
259606	Service Kit, Front Differential	598832	1	
261197	Service Kit, Transmission	603696	1	
261755	Diesel Particulate Filter Kit	600177	1	
606041	Cylinder Assembly, Steering, RH	606017	1	
606042	Cylinder Assembly, Steering, LH	606017	1	
603003	Cylinder Assembly, HD/KO	603015	2	
603003	Cylinder Assembly, HD/KO	606051	2	
606425	Cylinder Assembly, Hoist	606423	2	
606418	Cylinder Assembly, Tilt	606421	2	
Y27.423	Cylinder Assembly, Tilt Cab	599883	1	