

## Suggested Spares Guide L490-138

### Consumables, Approximate 1 Year Supply (calculated at 2000 hours/year)

Allied P/N	Description	Where Used	On-Hand Quantity (Recommended)	Order Quantity
219374	Grease		7 Lb	
221340	Anti-Freeze, Premix 50/50		44 gal	
235720	Gear Oil		140 gal	
904415	Kit, Gear Oil Additive		2 ea	
236077	Oil, Engine; 15W40		44 gal	
238206	Oil, Hyd; Mobil 424		480 gal	
599505	Service Kit, Return Filter	598609	8	
247429	Filter Element, Transmission (Dual Spin-On)	597664	4	
594623	Filter Element, 10 Micron (Brakes)	594622	4	
588191	Service Kit, 100 GPM Hyd Pressure Filter	587385	4	
258701	Element, Air Cleaner Assembly	258700	4	
258702	Safety Element, Air Cleaner Assembly	258700	4	
599397	Filter, Water	597690	4	
588563	Filter, Oil	597690	4	
588564	Filter, Fuel	597690	4	
230463	Element, Breather, Hyd Tank	224744	4	

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### Section 2 - POWER UNIT

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
2-1	Engine			
597648	Power Unit Installation		1	
246905	. Sensor, Pressure Transducer	597648	1	
597689	. Power Unit	597648	1	
234497	.. Vibration Dampener	597689	2	
246908	.. Sensor, Temperature	597689	1	
505499	.. Gasket, Pump Mounting	597689	3	
591769	.. Compressor, AC	597689	1	
597690	.. Engine, QSX15-535HP, Tier 3	597689	1	
592822	... Starting Motor	597690	1	
599397	... Filter, Water	597690	1	
588563	... Filter, Oil	597690	1	
588564	... Filter, Fuel	597690	1	
588561	... Belt, Serpentine, Alternator	597690	1	
588562	... Belt, Serpentine, Main	597690	1	
591097	... Alternator	597690	1	
591099	... Water Pump, Engine	597690	1	
597830	.. Pump, Variable Piston	597689	2	
597831	.. Pump, Variable Piston	597689	1	
597832	.. Pump, Gear, Tandem	597689	1	
597833	.. Pump, Gear	597689	1	
598130	.. Kit, Hose, L490 Power Unit Assy	597689	1	
598153	.. Transducer, Pressure	597689	6	
598213	.. Gasket, Pump	597689	3	
R233598	.. Breather	597689	1	
202889	.. Switch, Oil Pressure	597689	1	
203443	.. O-Ring	597689	6	
203446	.. O-Ring	597689	4	
203519	.. O-Ring	597689	2	
237008	.. Shutoff Valve	597689	2	
598253	. Kit, Hose, Power Unit Installation	597648	1	
215733	. Rubber Elbow (90°, 6" ID)	597648	1	
228425	. Rubber Elbow (45°, 7"-6" ID)	597648	1	
208202	. Fuel Cap	597648	1	
234497	. Vibration Dampener	597648	4	

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### Section 2 - POWER UNIT

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
<b>2-5 Air Intake &amp; Exhaust</b>				
597650	Air Intake Installation		1	
208136	. Indicator	597650	1	
208137	. Filter, Restriction	597650	1	
258700	. Air Cleaner Assembly	597650	2	
218903	. . Vacuator Valve	258700	2	
258701	. . Element, Air Cleaner Assembly	258700	2	
258702	. . Safety Element, Air Cleaner Assembly	258700	2	
598293	. Kit, Hose, Air Cleaner	597650	1	
224226	. Rubber Elbow (45°, 7" ID)	597650	1	
228425	. Rubber Elbow (45°, 7"-6" ID)	597650	2	
597651	Exhaust Installation		1	
597855	. Silencer	597651	1	
598002	. Exhaust Blanket	597651	1	
<b>2-6 Cooling</b>				
597649	Cooling Package Installation		1	
597734	. Cooling Package Assembly, RH	597649	1	
597737	. . Cooling Package, HOC/TOC/FOC/AC	597734	1	
599406	. . . Sub-Assembly, Hydraulic Oil Cooler	597737	1	
599407	. . . Sub-Assembly, Fuel Cooler	597737	1	
599408	. . . Sub-Assembly, AC Condenser	597737	1	
599409	. . . Sub-Assembly, Oil Cooler	597737	1	
597894	. . Motor	597734	1	
598616	. . Kit, Hose, RH Cooling Package	597734	1	
598631	. . Fan, Sucker, 40" 5 Blade	597734	1	
234774	. . Gas Spring	597734	1	
597735	. Cooling Package Assembly, LH	597649	1	
597736	. . Cooling Package, RAD/CAC	597735	1	
599404	. . . Sub-Assembly, Radiator	597736	1	
599405	. . . Sub-Assembly, Charge Air Cooler	597736	1	
597894	. . Motor	597735	1	
598620	. . Kit, Hose, LH Cooling Package	597735	1	
598631	. . Fan, Sucker, 40" 5 Blade	597735	1	
234774	. . Gas Spring	597735	1	
597739	. Surge Tank	597649	1	
599410	. . Pressure Cap	597739	1	
598628	. Kit, Hose, Cooling Installation	597649	1	

**Suggested Spares Guide L490-138****Section 3 - DRIVETRAIN**

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
<b>3-1</b>	<b>General</b>			
597653	Driveline Installation		1	
251568	. Bearing, Pillow Block	597653	4	
<b>3-2</b>	<b>Transmission and Converter</b>			
597652	Transmission Installation		1	
208202	. Fuel Cap	597652	1	
597691	. Transmission Assembly	597652	1	
594444	.. Transmission	597691	1	
583010	... Service Kit, Transmission	594444	1	
598015	.. Kit, Hose, Hydraulic System-Transmission Assy	597691	1	
219005	.. Bushing	597691	4	
587434	.. Digital Speed Sensor	597691	1	
598035	. Dipstick Assembly	597652	1	
597664	Transmission Circuit		1	
247429	. Filter Element, Transmission (Dual Spin-On)	597664	2	
598006	. Kit, Hose, Hydraulic System-Transmission	597664	1	
228640	Converter Bypass Regulator	597689	1	
597688	Converter	597689	1	
599602	. Service Kit, Converter	597688	1	
599592	. Pump Assembly	597688	1	
257099	Kit, Flexplate, 17"	597689	1	

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### Section 3 - DRIVETRAIN

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
<b>3-3 Drivelines</b>				
598440	Driveline Assembly	597653	1	
598449	. U-Joint	598440	2	
598452	. Slip Yoke	598440	1	
598441	Driveline Assembly	597653	1	
598451	. U-Joint	598441	2	
598448	. Slip Yoke	598441	1	
598442	Driveline Assembly	597653	1	
598451	. U-Joint	598442	2	
598448	. Slip Yoke	598442	1	
598443	Driveline Assembly	597653	1	
598451	. U-Joint	598443	2	
598448	. Slip Yoke	598443	1	
598444	Driveline Assembly	597653	1	
598451	. U-Joint	598444	1	
598455	. End Yoke	598444	1	
598448	. Slip Yoke	598444	1	
598445	Driveline Assembly	597653	1	
598451	. U-Joint	598445	1	
<b>598455</b>	. End Yoke	598445	1	
598446	Driveline Assembly	597653	1	
598455	. End Yoke	598446	1	
<b>3-4 Axles</b>				
597654	Front Axle Installation		1	
591870	. Wheel Nut	597654	76	
597694	. Axle, Front	597654	1	
593014	. . Parking Brake Assembly	597694	1	
598832	. . Differential & Carrier Assembly	597694	1	
598835	. . Brake Assembly	597694	2	
598836	. . Planetary Assembly	597694	2	
598117	. Mudflap, Front	597654	2	
597655	Rear Axle Installation		1	
595090	. Pin, Rear Axle Installation	597655	4	
597695	. Axle, Rear	597655	1	
595956	. . Planetary Assembly	597695	2	
599615	. . Differential and Carrier Assembly	597695	1	

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### Section 3 - DRIVETRAIN

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
<b>3-5 Wheels &amp; Tires</b>				
597808	Wheel Assy, Single W/O Hub (Front)		2	
597809	. Wheel	597808	2	
598297	. Tire	597808	2	
597816	Wheel Assy, Single W/O Hub (Rear)		2	
589973	. Tire	597816	2	
597817	. Wheel	597816	2	

### Section 4 - BRAKE SYSTEM

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
<b>4-1 Systems</b>				
597665	Hydraulic System - Brakes		1	
598050	. Kit, Hose, Hydraulic System-Brakes	597665	1	
598052	. Kit, Hose, Hydraulic System-Brakes, Axle, Single	597665	1	
598153	. Transducer, Pressure	597665	1	
597976	Hydraulic System - Brake Buttons		1	
598121	. Kit, Hose, Brake Buttons	597976	1	
598738	Hydraulic System - Brakes, Cab		1	
597232	. Pressure Transducer	598738	1	
598740	. Kit, Hose, Hydraulic System - Brakes, Cab	598738	1	
<b>4-3 Supply Components</b>				
590154	Accumulator	597665	3	
249129	. Seal Kit	590154	3	
593471	. Piston Loading Sleeve, 4" Bore Accumulator	590154	3	
<b>4-4 Control Components</b>				
592201	Valve; Hydraulic Brake	597643	1	
590703	Valve, Accumulator Charge	597665	1	
592781	. Kit, Service	590703	1	
593675	Valve, Brake Relay	597665	2	
595511	. Seal Kit	593675	2	

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### Section 5 - HYDRAULIC SYSTEM

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
<b>5-1 Systems &amp; Circuits</b>				
597659	Hydraulic System - Tank		1	
17100018	. Sight Gauge	597659	1	
251424	. Sensor, Coolant/Fluid Temp	597659	2	
598718	. Pressure Transducer	597659	2	
211398	. Drain Cock	597659	1	
224744	. Breather, Hydraulic Tank	597659	2	
598260	Hydraulic System - Boom		1	
597995	. Hydraulic System - Joystick Steering	597660	1	
598075	. Hydraulic System - Steering, Common	597660	1	
598289	. Hydraulic System - Steering, 4WD	597660	1	
597661	Hydraulic System - Hoist & Tilt		1	
598153	. Transducer, Pressure	597661	1	
598191	. Kit, Hose, Hydraulic System-Hoist & Tilt	597661	1	
203443	. O-Ring	597661	12	
598736	Hydraulic System - Steering, Cab		1	
598737	. Kit, Hose, Hydraulic System - Steering, Cab	598736	1	
597663	Hydraulic System - Carriage		1	
598153	. Transducer, Pressure	597663	2	
203443	. O-Ring	597663	4	
<b>5-2 Pumps</b>				
597830	Pump, Variable Piston	597689	2	
597831	Pump, Variable Piston	597689	1	
597832	Pump, Gear, Tandem	597689	1	
597833	Pump, Gear	597689	1	

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### Section 5 - HYDRAULIC SYSTEM

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
5-3	Valves			
598198	Manifold Assembly, LS	597661	1	
598153	. Transducer, Pressure	598198	2	
232515	. Cartridge, Valve	598198	2	
597835	Valve Assembly, Holddown/Kickoff	597663	1	
599935	. . Work Section - Holddown	597835	2	
599558	. . Work Section - Kickoff	597835	2	
598056	Manifold Assembly, Brakes	597665	1	
594358	. Valve, Cartridge	598056	1	
596724	. Valve, Cartridge	598056	1	
598153	. Transducer, Pressure	598056	1	
244835	. Cartridge, Valve	598056	2	
256262	. Valve	598056	1	
598028	Manifold Assembly	597691	1	
250365	. Cartridge, Valve	598028	6	
598131	Manifold Assembly, Brake Buttons	597976	1	
598133	. Valve, 24VDC, Prop Reducing, 3-Way	598131	1	
256262	. Valve	598131	2	
581812	Manifold Assembly, Steering Load Sense	597995	1	
233943	. Cartridge, Valve	581812	2	
244422	. Cartridge, Valve	581812	1	
595994	Control Valve	597995	1	
598294	Manifold Assembly	598075	2	
598295	. Solenoid Valve	598294	2	
235218	Steering Unit	598418	1	
234815	. Seal Kit	235218	1	
234990	Valve, Steering Flow Amplifier	598075	1	
234639	. Service Kit, Steering Flow Amplifier	234990	1	



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### Section 5 - HYDRAULIC SYSTEM

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
5-3	Valves (continued)			
597834	Valve, Hoist & Tilt	597661	2	
599431	. Valve, Counter Pressure, 5 bar	597834	1	
257294	. Kit, Cover	597834	1	
599432	. Valve, Sequence	597834	4	
599433	. . Seal Kit	599432	1	
599434	. Valve, Load Signal Drainage	597834	1	
257297	. Valve, Pressure Relief - 80 Bar	597834	1	
599435	. Valve, Pressure Relief - 350 Bar	597834	3	
599436	. Kit, Priority Function Blocking	597834	1	
257306	. Spring Package (6-18 BAR)	597834	2	
599437	. Seal Kit, Intersection	597834	1	
599438	. Kit, Cap, A-Side	597834	1	
599439	. Kit, Cap, B-Side	597834	1	
599440	. Hose Kit	597834	1	
599441	. Valve, Solenoid 24 VDC, Deutsch	597834	4	
599442	. . Seal Kit	599441	1	
599443	. Restrictor	597834	4	
599444	. Kit, Clamp 3000 psi	597834	1	
599445	. Kit, Clamp 6000 psi	597834	2	
599446	. Pin Kit	597834	1	

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### Section 5 - HYDRAULIC SYSTEM

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
5-4	Cylinders			
597635	Steering Cylinder Installation		1	
597942	. Cylinder Assembly, Steering, RH	597635	1	
590576	. . Packing Kit	597942	1	
597949	. Cylinder Assembly, Steering, LH	597635	1	
590576	. . Packing Kit	597949	1	
204502	. Spherical Bearing	597635	4	
577088	. Pin	597635	4	
597636	Hoist Cylinder Installation		1	
597851	. Cylinder Assembly, Hoist	597636	2	
597890	. . Packing Kit	597851	2	
598728	. Pin	597636	2	
597637	Tilt Cylinder Installation		1	
597852	. Cylinder Assembly, Tilt	597637	2	
597897	. . Packing Kit	597852	2	
565059	. . Bushing	597852	2	
598729	. Pin, Tilt	597637	2	
598157	Cylinder Assembly, Holddown	597638	2	
598177	. Packing Kit	598157	2	
598159	Cylinder Assembly, Kickoff	597639	2	
598177	. Packing Kit	598159	2	

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### Section 5 - HYDRAULIC SYSTEM

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
<b>5-5 Filters</b>				
598609	Return Filter, Insert Style	597659	2	
599505	. Service Kit	598609	2	
598610	. . Replacement Element	599505	2	
599504	. . Seal Kit	599505	2	
584259	Filter Head Assembly, Transmission	597664	1	
247429	Filter Element, Transmission (Dual Spin-On)	597664	2	
594622	Filter Assembly, Brakes	597665	1	
594623	. Filter Element, 10 Micron	594622	1	
587385	Filter, Pressure	598075	1	
588191	. Service Kit, 100 GPM Hyd Pressure Filter	587385	1	
258700	Air Cleaner Assembly	597650	2	
258701	. Element, Air Cleaner Assembly	258700	2	
258702	. Safety Element, Air Cleaner Assembly	258700	2	
599397	Filter, Water	597690	1	
588563	Filter, Oil	597690	1	
588564	Filter, Fuel	597690	1	
224744	Breather, Hydraulic Tank	597659	2	
230463	. Element	224744	2	
<b>5-6 Miscellaneous</b>				
592497	Manual Override Assembly	597661	1	
598193	Press Rail Assembly	597661	1	
245813	. Cartridge, Valve	598193	1	

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### Section 6 - ELECTRICAL SYSTEM

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
6-1	Systems & Circuits			
597667	Electrical System - Cummins		1	
254837	. Expansion Module, IQAN	597667	2	
598644	. Linear Position Sensor	597667	3	
598867	. Wire Harness	597667	1	
598868	. Wire Harness	597667	1	
598869	. Wire Harness	597667	1	
598870	. Wire Harness	597667	1	
598871	. Wire Harness	597667	1	
598872	. Wire Harness	597667	1	
79603	. Expansion Module	597667	1	
906182	. Switch, Rocker	597667	2	
597642	Electrical System - Cab		1	
226688	. Antenna	597642	1	
236806	. Grommet	597642	10	
256320	. Light, Dome, Red LED, 12/24VDC	597642	1	
586109	. Grommet	597642	1	
594067	. Speaker, Flush Mount	597642	2	
598329	. Remote Monitoring Module	597642	1	
598937	. Power Converter	597642	1	
79603	. Expansion Module	597642	1	
254962	. Connector, ECM	597642	1	
598888	Electrical System - Carriage		1	
254837	. Expansion Module, IQAN	598888	1	
597669	Stairway Lights Installation		1	
258338	. Floodlight	597669	2	

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### Section 6 - ELECTRICAL SYSTEM

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
6-2	Components			
587904	Lights Installation, Cab-LED		1	
236806	. Grommet	587904	8	
258338	. Floodlight	587904	4	
594299	Installation, Lights Backup, LED		1	
258338	. Floodlight	594299	2	
587939	Lights Installation, Carriage-LED		1	
258338	. Floodlight	587939	2	
598877	Chassis Fuse Panel	597667	1	
2313417	. Fuse - Auto Mini, 5 Amp	598877	1	
598878	. Fuse - Auto Mini, 2 Amp	598877	5	
597377	. Relay, Micro	598877	5	
574276	Actuator	597643	1	
214802	. O-Ring	574276	1	
598890	Battery Wire Harness Installation	597667	1	
596169	. Switch, Battery Disconnect	598890	1	
598910	. Battery Harness	598890	1	
200220	. Battery, 12V	598890	2	
598903	Cummins Harness Installation	597667	1	
596607	. Wire Harness	598903	1	
598902	. Wire Harness	598903	1	
R19361	Alarm	597670	1	

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### Section 7 - CAB & COWL

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
7-1	Basic Structure			
597641	Cab Assembly		1	
215774	. Mirror, Convex	597641	2	
2301055W	. Vinyl Protective Trim	597641	10	
586558	. Hinge Assembly, Upper LH	597641	3	
586560	. Hinge Assembly, LH Door	597641	3	
590724	. Wiper Motor	597641	2	
596442	. Window Installation	597641	1	
596486	. Installation, Insulation	597641	1	
598275	. Bottle, Washer, 24V 4 Liter	597641	2	
598508	. Insulation Installation	597641	1	
587193	. . Whispermat	598508	4	
212052	. Fire Extinguisher	597641	2	
258774	. Wiper Blade Assembly	597641	2	
596442	. Window Installation	597641	1	
596443	. . Glass, LH Rear	596442	1	
596444	. . Glass, RH Rear	596442	1	
203037	. . Molding, Locking Key (Window Molding)	596442	25	
258638	. . Molding, Self Lock, Window	596442	25	
586386	. . Glass, Front Windshield, Curved	596442	1	
586621	. . Glass, Rear Windshield	596442	1	
594264	Installation, Doors - Cab W/Sliding Window		1	
596350	. Door Assembly, LH	594264	1	
258711	. . Gasket, Door Handle	596350	1	
590009	. . Glass, LH Door, Upper	596350	1	
258685	. . Door Handle	596350	1	
586618	. . Glass, LH Door, Lower	596350	1	
596352	. Door Assembly RH	594264	1	
258711	. . Gasket, Door Handle	596352	1	
258685	. . Door Handle	596352	1	
586620	. . Glass, RH Door, Lower	596352	1	
590008	. . Glass, RH Door, Upper	596352	1	
597640	Superstructure Installation		1	
234497	. Vibration Dampener	597640	4	
593710	. Cover, Superstructure Access	597640	1	

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### Section 7 - CAB & COWL

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
7-2	Instruments & Controls			
597644	Controls, Joysticks		1	
597920	. Joystick, LH, Dual Trigger	597644	1	
597921	. Joystick, RH, Single Trigger	597644	1	
597898	Panel Assembly, Front, LH	597642	1	
586655	. Cab Air Recirculation Elements	597898	1	
597383	. Module, Fuse & Relay	597898	1	
597377	. Relay, Micro	597898	10	
598878	. Fuse - Auto Mini, 2 Amp	597898	10	
2313417	. Fuse - Auto Mini, 5 Amp	597898	10	
597379	. Fuse - Auto Mini, 10 Amp	597898	30	
597380	. Fuse - Auto Mini, 15 Amp	597898	10	
597381	. Fuse - Auto Mini, 20 Amp	597898	10	
597382	. Fuse - Auto Mini, 30 Amp	597898	10	
597899	Panel Assembly, Front, LH	597642	1	
586655	. Cab Air Recirculation Elements	597899	1	
597914	Dash Panel Assembly	597642	1	
587084	. Circuit Breaker, 7.5 Amp	597914	1	
GAG0001133	. Hour Meter	597914	1	
597951	Overhead Console Assembly	597642	1	
244837	. Stereo/CD Player	597951	1	
234736	. Switch	597951	1	
234739	. Switch	597951	1	
236488	. Switch	597951	1	
249381	. Switch	597951	2	
237688	. Switch	597951	4	
589698	. Temperature Controller	597951	1	
598418	Steering Column Assembly	597643	1	

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### Section 7 - CAB & COWL

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
232182	. Knob, Spinner	598418	1	
234651	. Button, Horn	598418	1	
244506	. Steering Wheel	598418	1	
598419	. Steering Column	598418	1	
598420	. . Steering Column	598419	1	
246923	Pedal Assembly, Elec Throttle	597643	1	
<b>7-3 Miscellaneous</b>				
588161	Seat Assy, Trainer		1	
215096	. Safety Belt	588161	1	
240259	. Kit, Seatbelt Hardware, Training Seat	588161	1	
597643	Seat Installation		1	
208264	. Grommet	597643	2	
240519	. Thermistor	597643	1	
598410	. Seat Assembly	597643	1	
252283	. . Valve Assembly	598410	1	
598395	. . Seat w/Control Pods	598410	1	
251533	. . Compressor	598410	1	
243304	. Bearing Cup	597643	2	
243305	. Bearing Cone	597643	2	
599703	. Ignition Switch	597643	1	
22635	. Diode, 1 Amp, 400V	597643	2	
R10547	. Buzzer	597643	1	
240151	. O-Ring	597643	2	
590951	Horn Installation	597641	1	
593637	. Horn, Dual Trumpet	590951	1	
590011	Door Spring Assembly	594264	2	
590011	Door Spring Assembly	594264	2	
590865	Remote Monitor	597642	1	
597912	Air Cond/Heater Installation		1	
597647	. Air Conditioner/Heater Installation, Cab	597912	1	
245394	. . Rubber Elbow	597647	1	
254487	. . Elbow, Nylon	597647	4	
258675	. . Air Conditioner/Heater	597647	1	
587160	. . . Motor, Double Blower 24V	258675	1	
587161	. . . Thermostat	258675	1	
587162	. . . Valve, Expansion	258675	1	
587301	. . . Core, Heater/Evaporator	258675	1	
590074	. . AC/Heater	597647	1	
590805	. . Pressurizer	597647	1	
258699	. . . Filter Element, Cab Pressurizer	590805	1	
598758	. Kit, Hose, A/C L490 Chassis	597912	1	



## Suggested Spares Guide L490-138

### Section 8 - FRAME & ATTACHMENTS

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
8-1	Frame & Attachments			
597634	Chassis Installation, L490		1	
597843	. Cooling Box, RH	597634	1	
598544	.. Fan Door Assembly	597843	1	
597844	. Cooling Box, LH	597634	1	
598544	.. Fan Door Assembly	597844	1	
598458	. Hydraulic Tank Assembly	597634	1	
203496	.. O-Ring	598458	1	
562468	.. Gasket, Return Filter Cover Plate	598458	1	
591670	.. Cover, Inspection	598458	1	
592026	.. Cover, Return Filter	598458	1	
598459	. Fuel Tanks Assembly	597634	1	
253085	.. Breather	598459	1	
587278	.. Fill, Fuel	598459	1	
598971	.. Sending Unit	598459	1	
598528	. Mud Flap	597634	2	
598570	. Battery Box Assembly	597634	1	
597656	Bogie Installation		1	
550329	. Seal, Dirt	597656	4	
598155	. Mudflap, Rear	597656	2	
563163	. Bushing	597656	2	
581537	. Pivot Pin (Expander)	597656	2	
203498	. O-Ring	597656	4	
598604	Guard Door Installation		1	
598691	. Guard Door Assembly	598604	1	
234774	. Gas Spring	598604	1	
597630	Independent Holddown Installation		1	
598651	. Arm Assembly, Holddown	597630	2	
534117	.. Bushing	598651	4	
597631	Independent Kickoff Installation		1	
598656	. Arm Assembly, Kickoff	597631	2	
534117	.. Bushing	598656	4	
597633	Boom Installation		1	
597840	. Pin, Hoist Stem	597633	1	
598316	. Pin, Tilt Cylinder Anchor Plate	597633	2	
598318	. Pin, Boom Pivot	597633	1	

## Suggested Spares Guide L490-138

### Section 8 - FRAME & ATTACHMENTS

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
8-1	Frame & Attachments (cont)			
597632	Tine Installation, Pivot		1	
220275	. Pin, Cotter	597632	2	
591316	. Shim	597632	2	
529405	. Pin Assembly	597632	2	
597629	Carriage Installation		1	
598661	. Pin, Carriage/Tilt	597629	1	
598662	. Pin, Carriage/Boom	597629	1	
8-2	Miscellaneous			
585189	Battery Lockout Assembly	598890	1	

## Section 9 - ACCESSORIES & OPTIONS

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
9-1	Accessories & Options			
597666	Fire Suppression Installation, Auto		1	
218728	. Valve, Relief	597666	1	
225177	. Nitrogen Cartridge	597666	1	
253066	. Nozzle Kit	597666	20	
588867	. Tank, LVS-30	597666	1	
599984	. . Cylinder, Nitrogen	588867	1	
594256	. Battery, Checkfire	597666	1	
594259	. Actuator, Elect/Manual	597666	1	
594262	. Actuator, Elect/Pneumatic	597666	1	
253067	. Chemical, Fire Suppressant (5 gallon bucket)	597666	6	
598374	. Kit, Hose, Fire System	597666	1	
597672	Auto Lube System		1	
598767	. Auto Lube System, Carriage	597672	1	
598778	. . Kit, Hose, Auto Lube System - Carr	598767	1	
598768	. Auto Lube System, Boom	597672	1	
598779	. . Kit, Hose, Auto Lube System - Boom	598768	1	
598769	. Auto Lube System, Chassis	597672	1	
598039	. . Pump & Reservoir Assembly	598769	0	
598780	. . Kit, Hose, Auto Lube System - Chassis	598769	1	
598770	. Auto Lube System, Bogie	597672	1	
598781	. . Kit, Hose, Auto Lube System - Bogie	598770	1	
597673	Camera/Monitor Installation		1	
598856	. Camera/Monitor, Front/Rear Cab	597673	1	
236806	. . Grommet	598856	3	
256612	. . Camera, Remote	598856	1	
907053	. . Camera/Monitor, Rear View	598856	1	
256612	. . . Camera, Remote	907053	1	
598857	. Camera/Monitor, Boom, Single Carriage	597673	1	
598858	. Camera/Monitor, Carriage, Single Carriage	597673	1	
256612	. . Camera, Remote	598858	1	
597674	Sun Screen Installation		1	
598583	. Sun Screen, Doors	597674	2	
598584	. Sun Screen, Rear Sides	597674	2	
598585	. Sun Screen, Front	597674	1	
598586	. Sun Screen, Rear	597674	1	
597676	CB Radio Installation		1	
242359	. Antenna Kit	597676	1	
242360	. Radio/CB	597676	1	
586109	. Grommet	597676	1	
598843	Fire Detection System - Cab		1	
594254	. Display Module, Checkfire 210	598843	1	

**Section 9 - ACCESSORIES & OPTIONS**

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
594302	Flashing Warning Beacon, LED		1	
595805	. Strobe Light Installation, Cab	594302	1	
593639	. . Light, Strobe	595805	1	

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### Tools

Allied P/N	Description	On-Hand Quantity (Recommended)	Order Quantity
593401	Spanner for Wheel Safety Nut	1	
593402	Seal Ring Sleeve Driver	1	
593403	Seal Ring Sleeve Driver	1	
593404	Spanner for Thread Rings (Differential Bearing)	1	
593405	Centering Tools for Brake Discs	1	
593406	Installation Tool for Face Seal	1	
243274	Accumulator Recharge Valve	1	
509574	Air Hose Kit	1	
588466	Socket Set; 3/8Dr 3/8 To 7/8 22PC	1	
588467	Socket Set; 1/2Dr 3/8 To 1-1/4 30PC	1	
588468	Socket Set; 3/4Dr 7/8 To 2-3/8 29PC	1	
588530	3/8 DR 6mm-19mm 12 Point	1	
588529	1/2 DR 10mm-26mm 12 Point	1	
588469	Wrench Set; 5/16 To 2-1/2 31PC	1	
588528	Wrench Set; 7mm-24mm, 18 PC	1	
588527	Hex Key Set; .025" To 5/8"	1	
588526	Hex Key Sets; .07mm-17mm, 15 PC	1	
556042	Wrench - Swivel Nut	1	
558533	Fire Extinguisher Wrench	1	
X-204248	Installation Tool, 5.5" Pin (Used on 597633)	1	

### Diagnostic Tools

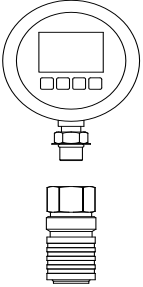
Allied P/N	Description	On-Hand Quantity (Recommended)	Order Quantity
906601	0 to 8700 PSI Digital Pressure Gauge W/QD Connector	1	
69778	Multi-Meter; 12 Function	1	
69782	Kit; 72" Hose Assembly W/QD on Both Ends	1	
70381	Kit; 144" Hose Assembly W/QD on Both Ends	1	
R14038	Fitting; QD Male x 1/8 NPT Male	1	
R14045	Fitting; QD Male x 1/8 NPT Female	1	
236625	Fitting; QD Male x #6 JIC Female	1	
253326	Fitting; QD Male x #8 JIC Female	1	
228040	Fitting; QD Male x 1/4 NPT Female	1	
R330325	Fitting; QD Male x #4 JIC Female	1	
R14040	Fitting; QD Male x #4 SAE Male	1	
R14082	Fitting; QD Male x #6 SAE Male	1	

**Suggested Spares Guide L490-138**

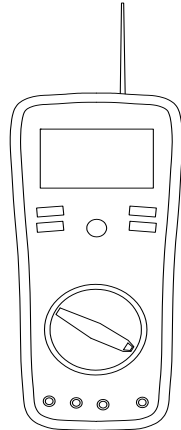
**Diagnostic Tools**

Order from Allied Systems  
Service Parts Department  
503-625-2560.

**906601**  
Kit, Digital Pressure Gauge  
W/Female QD Connector  
0 to 8700 PSI

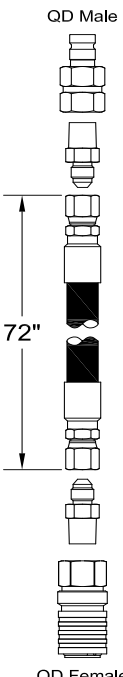


QD Female



**69778**  
Multi-Meter, 12 Function  
AC/DC Voltage & Current, Resistance,  
Capacitance, Frequency, Type K & IR  
Temperature, Diode/Continuity, Duty Cycle  
Non-Contact InfraRed Thermometer  
CAT III Test Leads  
Type K Bead Wire Temp Probe

QD Male

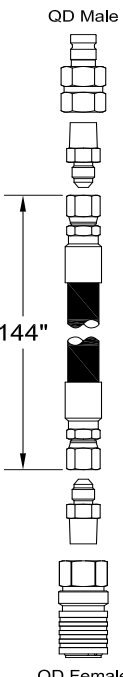


72"

QD Female

**69782**  
Kit, Hose Assembly, W/QD Both Ends

QD Male




144"

QD Female


**70381**  
Kit, Hose Assembly, W/QD Both Ends

QD Male




1/8 NPT Male  
**R14038**

QD Male




1/8 NPT Female  
**R14045**

QD Male




#6 JIC Female  
**236625**

QD Male




#8 JIC Female  
**253326**

QD Male



1/4 NPT Female  
**228040**

QD Male




#4 JIC Female  
**R330325**

QD Male



#4 SAE Male  
**R14040**

QD Male



#6 SAE Male  
**R14082**