

Suggested Spares Guide L90-139M

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

Allied P/N	Description	Where Used	On-Hand Quantity (Recommended)	Order Quantity
591654	Grease		35 Lb	
600045	Anti-Freeze, Extended Life		44 gal	
235720	Gear Oil		100 gal	
236077	Oil, Engine; 15W40		52 gal	
238206	Oil, Hyd; Mobil 424		480 gal	
599505	Service Kit, Return Filter	598609	8	
599784	Filter Replacement Kit	598953	4	
247429	Filter Element, Transmission (Dual Spin-On)	597664	4	
594623	Filter Element, 10 Micron (Brakes)	597665	4	
588191	Service Kit, 100 GPM Hyd Pressure Filter	587385	4	
600156	Primary Element, Air Cleaner Assembly	600155	4	
600157	Secondary Element, Air Cleaner Assembly	600155	4	
600148	Filter Element, Fuel/Water Separator	600138	12	
600165	Secondary Fuel Filter Element	600164	12	
588563	Oil Filter Element	600178	4	
600048	Coolant Filter Element	596989	1	
586655	Cab Air Recirculation Elements	597899	4	
230463	Element, Breather, Hydraulic Tank	224744	4	
258699	Filter Element, Cab Pressurizer	590805	2	
600168	DEF Supply Module Filter Element	600167	1	
600194	DEF Tanks Suction Filter	600188	1	
600179	Diesel Particulate Filter Element	600177	1	

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Section 2 - POWER UNIT

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
2-1	Engine			
598948	Power Unit			
234497	. Vibration Dampener	598948	5	
208202	. Fuel Cap	598948	1	
598222	. Tube, Radiator	598948	1	
598214	. Hose	598948	1	
599385	. Aftertreatment Sub-Assembly	598948	1	
224226	. Rubber Elbow (45°, 7" ID)	598948	1	
228425	. Rubber Elbow (45°, 7"-6" ID)	598948	1	
588143	. Rubber Elbow (90°, 6"-5" ID)	598948	1	
598103	. Assembly Panel	598948	1	
200304	.. Handle	598103	2	
599759	. Hose Kit	598948	1	
598964	. Power Unit Assembly	598948	1	
597830	.. Pump, Variable Piston - LH Implement Pump	598964	2	
597831	.. Pump, Variable Piston - Steering Pump	598964	1	
597832	.. Pump, Gear Tandem - Fan Drive Pump	598964	1	
597833	.. Pump, Gear - Brake Pump	598964	1	
591769	.. Compressor, A/C	598964	1	
234497	.. Vibration Dampener	598964	1	
R233598	.. Breather	598964	1	
23390	.. Kit, Split Flange	598964	4	
203523	... O-Ring	23380	1	
203443	.. O-Ring	598964	6	
203446	.. O-Ring	598964	4	
203519	.. O-Ring	598964	2	
598213	.. Gasket, Pump Mounting	598964	3	
237008	.. Shutoff Valve	598964	2	
598153	.. Transducer, Pressure	598964	3	
246908	.. Sensor, Temperature	598964	1	
598130	.. Kit, Hose, L90 Power Unit Assembly	598964	1	
596989	.. Engine, QSX15-535HP, Tier 4	598964	1	
600138	... Fuel/Water Separator	596989	1	
600148	 Filter Element	600138	1	
600142	 O-Ring Kit	600138	2	
600140	 Vent Cap Assembly	600138	1	
600164	... Fuel Filter	600138	1	
600165	 Secondary Filter Element	600164	1	
600172	... Alternator	596989	1	

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Section 2 - POWER UNIT

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
2-1	Engine (continued)			
600169	... Drive Belt, Alternator	596989	1	
600171	... Drive Belt, Fan	596989	1	
592822	... Starting Motor	596989	1	
600176	... Water Pump, Engine	596989	1	
600178	... Oil Filter	596989	1	
588563	... Oil Filter Element	600178	1	
600048	... Coolant Filter Element	596989	1	
600186	... Crankcase Filter	596989	1	
600187	... Crankcase Filter Element	600186	1	
600166	... Coolant Tee Fitting	596989	1	
600167	... DEF Supply Module	596989	1	
600168	... Supply Module Filter Element	600167	1	
600177	... DOC/DPF	596989	1	
600179	... Diesel Particulate Filter Element	600177	1	
600170	... Coolant Control Valve	596989	1	
600175	... Decomp Reactor Tube (DRT)	596989	1	
600181	... Selective Catalyst Reducer (SCR)	596989	1	
600183	... Connection Elbow	596989	1	
600185	... Connection Elbow	596989	1	
600188	... DEF Tank Assembly	596989	1	
600194	... DEF Suction Filter	600188	1	
600193	... DEF Tank Sensor	600188	1	
600191	... Fill Cap	600188	1	
600190	... Tank Head Unit Assembly	600188	1	
600189	... O-Ring, Tank Head Unit	600188	1	
2-5	Air Intake & Exhaust			
598950	Air Intake Installation		1	
208136	. Indicator	598950	1	
208137	. Filter, Indicator	598950	1	
599710	. Hose Kit	598950	1	
598951	. Exhaust Installation	598950	1	
588367	. Clamp Kit	598951	2	
224226	. Rubber Elbow (45°, 7" ID)	598950	1	
600155	Air Cleaner	596989	1	
600156	. Primary Element	600155	2	
600157	. Secondary Element	600155	2	
600161	. Dust Ejection Valve	600155	1	

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Section 2 - POWER UNIT

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
2-6	Cooling			
598949	Cooling Package Installation		1	
597734	. Cooling Package Assembly, RH	598949	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	
597738	. . Guard, Fan	597734	1	
597894	. . Motor	597734	1	
598631	. . Fan, Sucker, 40" 5-Blade	597734	1	
599676	. . . Aluminum Hub	598631	2	
234774	. . Gas Spring	597734	1	
598616	. . Kit, Hose, RH Cooling Package	597734	1	
599695	. Cooling Package Assembly, LH	598949	1	
599697	. . Cooling Package Assembly, RAD/CAC	599695	1	
600036	. . . Sub-Assembly, Radiator	599697	1	
600037	. . . Sub-Assembly, CAC	599697	1	
597894	. . Motor	599695	1	
598631	. . Fan, Sucker, 40" 5-Blade	599695	1	
599676	. . . Aluminum Hub	598631	2	
203274	. . Shutoff Valve	599695	1	
234774	. . Gas Spring	599695	1	
599976	. . Kit, Hose, LH Cooling Package	599695	1	
599696	. Surge Tank	598949	1	
599410	. . Pressure Cap	599696	1	
592862	. Kit, Split Flange	598949	2	
12721	. Kit, Split Flange	598949	1	
203519	. . O-Ring	12721	1	
600238	. Sensor, Coolant Level	598949	1	
599644	. Kit, Hose, Cooling Package	598949	1	

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Section 3 - DRIVETRAIN

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
3-2	Transmission and Converter			
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 Assembly	597691	1	
219005	. . Bushing	597691	4	
12721	. . Kit, Split Flange	597691	1	
203519	. . . O-Ring	12721	1	
587434	. . Digital Speed Sensor	597691	1	
246905	. . Press Transducer 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	
600046	Converter	598964	1	
599602	. Service Kit, Converter	600046	1	
247461	. Pressure Regulating Valve Assembly	600046	1	
600047	. Pump Assembly	600047	1	
257099	Kit, Flexplate, 17"	598964	1	
3-3	Drivelines			
598440	Driveline Assembly	598953	1	
598449	. U-Joint	598440	2	
598452	. Slip Yoke	598440	1	
598442	Driveline Assembly	598953	1	
598451	. U-Joint	598442	2	
598448	. Slip Yoke	598442	1	

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Section 3 - DRIVETRAIN

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
3-4	Axles			
597654	Front Axle Installation		1	
591870	. Wheel Nut	597654	76	
597694	. Axle, Front	597654	1	
593014	. . Parking Brake Assembly	597694	1	
593125	. . . Parking Brake Lining Kit	593014	1	
596435	. . . Parking Brake Seal Kit	593014	1	
598832	. . Differential & Carrier Assembly	597694	1	
598835	. . Brake Assembly	597694	2	
259381	. . . Brake Seal Kit	598835	2	
259380	. . . Brake Lining Kit	598835	2	
598836	. . Planetary Gear Assembly	597694	2	
598117	. Mudflap, Front	597654	2	
598963	Tailpost Installation		1	
599650	. Tailpost	598963	1	
599653	. . Seal Race	599650	1	
203564	. O-Ring	598963	2	
508834	. Seal Race	598963	2	
508842	. Seal Retainer Assembly	598963	2	
591738	. Tail Wheel Indicator	598963	1	
204540	. Bearing Cone	598963	2	
204603	. Bearing Cone	598963	2	
212198	. Bearing Cup	598963	1	
212199	. Bearing Cone	598963	1	
214471	. Bearing Cup	598963	1	
234204	. Bearing Cone	598963	1	
208870	. Seal	598963	2	
214464	. Seal	598963	1	
3-5	Wheels & Tires			
598956	Wheel Assembly, Single W/O Hub (Front)		2	
597809	. Wheel	598956	2	
589992	. Tire	598956	2	
590040	Wheel Assembly, Single W/O Hub (Rear)		2	
589989	. Tire	590040	2	
590038	. Wheel	590040	2	

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Section 4 - BRAKE SYSTEM

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
4-1	Systems			
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	
598738	Hydraulic System - Brakes, Cab		1	
598153	. Transducer, Pressure	598738	1	
598740	. Kit, Hose, Hydraulic System - Brakes, Cab	598738	1	
4-3	Supply Components			
590154	Accumulator	597665	3	
249129	. Seal Kit	590154	3	
593471	. Piston Loading Sleeve, 4" Bore Accumulator	590154	3	
4-4	Control Components			
590703	Valve, Accumulator Charge	597665	1	
592781	. Kit, Service	590703	1	
593675	Valve, Brake Relay	597665	2	
595511	. Seal Kit	593675	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	
590704	Valve, Hydraulic Brake	598942	1	
245266	. Valve Repair Kit	590704	1	

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Section 5 - HYDRAULIC SYSTEM

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
5-1	Systems & Circuits			
597659	Hydraulic System - Tank		1	
17100018	. Sight Gauge	597659	1	
251424	. Sensor, Coolant/Fluid Temp	597659	1	
598718	. Pressure Transducer	597659	2	
211398	. Drain Cock	597659	1	
224744	. Breather, Hydraulic Tank	597659	2	
230463	. . Element	224744	2	
599764M	Hydraulic System - Hoist & Tilt		1	
12721	. Kit, Split Flange	599764M	5	
229448	. Kit, Split Flange	599764M	4	
229449	. Kit, Split Flange	599764M	8	
229450	. Kit, Split Flange	599764M	2	
23390	. Kit, Split Flange	599764M	2	
598153	. Transducer, Pressure	599764M	4	
599765	. Kit, Hose, Hydraulic System - Hoist & Tilt	599764M	1	
606471	. Kit, Hose, Hoist & Tilt Hose Assemblies	599764M	1	
203443	. O-Ring	599764M	4	
203519	. O-Ring	599764M	1	
598260	Hydraulic System - Boom		1	
598736	Hydraulic System - Steering, Cab		1	
598737	. Kit, Hose, Hydraulic System - Steering, Cab	598736	1	
597663	Hydraulic System - Carriage		1	
12721	. Kit, Split Flange	597663	2	
229448	. Kit, Split Flange	597663	3	
229450	. Kit, Split Flange	597663	2	
598153	. Transducer, Pressure	597663	2	
203443	. O-Ring	597663	10	
598264	. Kit, Hose, Hydraulic System - Carriage	597663	1	
597995	Hydraulic System - Joystick Steering	599506	1	
598311	. Kit, Hose, Hydraulic System - Joystick Steering	597995	1	
598075	Hydraulic System - Steering, Common	599506	1	
11759	. Kit, Split Flange	598075	1	
229449	. Kit, Split Flange	598075	1	
23390	. Kit, Split Flange	598075	1	
598290	. Kit, Hose, Hydraulic System - Steering, Common	598075	1	
599507	Hydraulic System - Steering, 2WD	599506	1	
11759	. Kit, Split Flange	599507	2	
599517	. Kit, Hose, Hydraulic System, Steering, 2WD	599507	1	

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Section 5 - HYDRAULIC SYSTEM

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
5-2	Pumps			
597830	Pump, Variable Piston, Implement	598964	2	
597831	Pump, Variable Piston, Steering	598964	1	
597832	Pump, Gear Tandem, Fan Drive	598964	1	
597833	Pump, Gear, Brake	598964	1	
5-3	Valves			
598198	Manifold Assembly, LS	599764	1	
598153	. Transducer, Pressure	598198	2	
232515	. Valve, Cartridge	598198	2	
597835	Valve Assembly, Holddown/Kickoff	597663	1	
599935	. . Work Section - Holddown	597835	2	
599558	. . Work Section - Kickoff	597835	2	
598028	Manifold Assembly	597691	1	
250365	. Valve, Cartridge	598028	6	
581812	Manifold Assembly, Steering Load Sense	597995	1	
233943	. Valve, Cartridge	581812	2	
244422	. Valve, Cartridge	581812	1	
595994	Control Valve	597995	1	
598294	Manifold Assembly	598075	2	
598295	. Solenoid Valve	598294	2	
234081	Steering Unit	598943	1	
234815	. Seal Kit	234081	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	599764	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	. Kit, Hose	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			
598952	Steering Cylinder Installation		1	
591737	. Pin, Cylinder Mounting	598952	2	
599534	. Cylinder Assembly, Steering	598952	1	
593802	. . Packing Kit	599534	1	
605930	Hoist Cylinder Installation		1	
598728	. Pin	605930	2	
605940	. Cylinder Assembly, Hoist	605930	2	
597890	. . Packing Kit	605940	2	
606421	Tilt Cylinder Installation		1	
606418	. Cylinder Assembly, Tilt	606421	2	
606420	. . Packing Kit	606418	2	
565059	. . Bushing	606418	2	
598729	. Pin, Tilt	606421	2	
598157	Cylinder Assembly, Holddown	597638	2	
598177	. Packing Kit	598157	2	
598159	Cylinder Assembly, Kickoff	597639	2	
598177	. Packing Kit	598159	2	
5-5	Filters			
598609	Return Filter, Insert Style	597659	2	
599505	. Service Kit	598609	2	
598610	. . Replacement Element	599505	2	
599504	. . Seal Kit	599505	2	
224744	Breather, Hydraulic Tank	597659	2	
230463	. Element	224744	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 Hydraulic Pressure Filter	587385	1	
5-6	Miscellaneous			
592497	Manual Override Assembly	599764	1	
598193	Press Rail Assembly	599764	1	
245813	. Valve, Cartridge	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			
598958	Electrical System - Cummins - L90		1	
254837	. Expansion Module, IQAN XA2	598958	2	
79603	. Expansion Module, IQAN XC23	598958	1	
598644	. Linear Position Sensor	598958	3	
598911	. . Kit, Spherical Rod Ends	598644	1	
598867	. Wire Harness, "A"	598958	1	
598868	. Wire Harness, "B"	598958	1	
598869	. Wire Harness, "Stair Lights"	598958	1	
598870	. Wire Harness, "RHXA2"	598958	1	
598871	. Wire Harness, "XC23"	598958	1	
598872	. Wire Harness, "LHXA2"	598958	1	
906182	. Switch, Rocker	598958	2	
599692	. Cummins Harness Installation	598958	1	
599693	. . Wire Harness, Cummins	599692	1	
599706	Electrical System - Cab		1	
598937	. Power Converter	599706	1	
226688	. Antenna	599706	1	
236806	. Grommet	599706	5	
256320	. Light, Dome, Red LED, 12/24VDC	599706	1	
586109	. Grommet	599706	1	
594067	. Speaker, Flush Mount	599706	2	
598329	. Remote Monitoring Module	599706	1	
599865	. Wire Harness, "Cab"	599706	1	
79603	. Expansion Module	599706	1	
599681	. Wire Harness, "D"	599706	1	
593637	. Horn, Dual Trumpet	599706	1	
598888	Electrical System - Carriage		1	
254837	. Expansion Module, IQAN	598888	1	
598873	. Wire Harness, Carriage "XA2"	598888	1	
598887	Electrical System - Boom		1	
598889	. Wire Harness, "A"	598887	1	
597669	Stairway Lights Installation		1	
258338	. Floodlight	597669	2	
597670	Reverse Alarm Installation		1	
R19361	. Reverse Alarm	597670	1	

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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	
587939	Lights Installation, Carriage - LED		1	
258338	. Floodlight	587939	2	
586441	. Wire Harness, Carriage	587939	1	
598877	Chassis Fuse Panel	598958	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	598958	1	
596169	. Switch, Battery Disconnect	598890	1	
598910	. Battery Harness	598890	1	
200220	. Battery, 12V	598890	2	

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Section 7 - CAB & COWL

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
7-1	Basic Structure			
599705	Cab Assembly		1	
215774	. Mirror, Convex	599705	2	
2301055W	. Vinyl Protective Trim	599705	10	
586558	. Hinge Assembly, Upper LH	599705	3	
586560	. Hinge Assembly, LH Door	599705	3	
590724	. Wiper Motor	599705	2	
594720	. Kit, Hose; Cab	599705	1	
596442	. Window Installation	599705	1	
596486	. Installation, Insulation	599705	1	
598275	. Bottle, Washer, 24V 4 Liter	599705	2	
598508	. Installation, Insulation, Cowl Floor	597705	1	
587193	. . Whispermat	598508	4	
212052	. Fire Extinguisher	599705	2	
258774	. Wiper Blade Assembly	599705	2	
596442	. Window Installation	599705	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	
594707	Installation, Doors - Cab		1	
596351	. Door Assembly, LH	594707	1	
258711	. . Gasket, Door Handle	596351	1	
586617	. . Glass, LH Door, Upper	596351	1	
258685	. . Door Handle	596351	1	
586618	. . Glass, LH Door, Lower	596351	1	
596348	. Door Assembly, RH	594707	1	
258711	. . Gasket, Door Handle	596348	1	
258685	. . Door Handle	596348	1	
586620	. . Glass, RH Door, Lower	596348	1	
586619	. . Glass, RH Door, Upper	596348	1	
598968	Superstructure Installation		1	
234497	. Vibration Dampener	598968	4	
593710	. Cover, Superstructure Access	598968	1	
596334	Grab Bars Installation		2	
596343	. Grab Bar	596334	4	

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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	
597899	Panel Assembly, Front, LH	599706	1	
586655	. Cab Air Recirculation Elements	597899	1	
597898	Panel Assembly, Front, RH	599706	1	
586655	. Cab Air Recirculation Elements	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	
597383	. Fuse & Relay Module	597898	1	
597914	Dash Panel Assembly	599706	1	
587084	. Circuit Breaker, 7.5 Amp	597914	1	
GAG0001133	. Hour Meter	597914	1	
597951	Overhead Console Assembly	599706	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	
593449	. A/C Controller	597951	1	
598943	Steering Column Assembly	598942	1	
599420	. Steering Column	598943	1	
234651	. Button, Horn	598943	1	
232182	. Knob, Spinner	598943	1	
244506	. Steering Wheel	598943	1	
234081	. Steering Control Unit	598943	1	
234815	. . Seal Kit	234081	1	
246923	Pedal Assembly, Electronic Throttle	598942	1	

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Section 7 - CAB & COWL

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
7-3	Miscellaneous			
599785	Air Conditioner/Heater Installation		1	
597647	. Air Conditioner/Heater Installation, Cab	599785	1	
600021	. . Air Conditioner/Heater	597647	1	
587160	. . . Motor, Double Blower 24V	600021	1	
587161	. . . Thermostat	600021	1	
587162	. . . Valve, Expansion	600021	1	
587301	. . . Core, Heater/Evaporator	600021	1	
239190	. . . Switch, 3-Speed	600021	1	
239056	. . . Control Knob	600021	1	
245394	. . Rubber Elbow	597647	1	
254487	. . Elbow, Nylon	597647	4	
590074	. . AC/Heater	597647	1	
590805	. . Pressurizer	597647	1	
258699	. . . Filter Element, Cab Pressurizer	590805	1	
598470	. . Kit, Hose, A/C L90 - Chassis	597647	1	
598942	Seat Installation		1	
598410	. Seat Assembly	598942	1	
252283	. . Valve Assembly	598410	1	
598395	. . Seat w/Control Pods	598410	1	
598432	. . Seat Suspension	598410	1	
251533	. . Compressor	598410	1	
208264	. Grommet	598942	2	
240519	. Thermistor	598942	1	
599703	. Ignition Switch	598942	1	
243304	. Bearing Cup	598942	2	
243305	. Bearing Cone	598942	2	
22635	. Diode, 1 Amp, 400V	598942	2	
R10547	. Buzzer	598942	1	
240151	. O-Ring	598942	2	
588161	Seat Assy, Trainer		1	
599605	. Seat Belt	588161	1	
590865	Remote Monitor	599706	1	
590011	Door Spring Assembly	594707	2	

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Section 8 - FRAME & ATTACHMENTS

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
8-1	Frame & Attachments			
597629	Carriage Installation		1	
598661	. Pin, Carriage/Tilt	597629	1	
598662	. Pin, Carriage/Boom	597629	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	
597632	Tine Installation, Pivot		1	
220275	. Pin, Cotter	597632	2	
591316	. Shim	597632	2	
529405	. Pin Assembly	597632	2	
597633	Boom Installation		1	
597840	. Pin, Hoist Stem	597633	1	
598316	. Pin, Tilt Cylinder Anchor Plate	597633	2	
598317	. Pin, Tilt Cylinder	597633	4	
598318	. Pin, Boom Pivot	597633	1	
598946	Chassis Installation, L90		1	
598458	. Hydraulic Tank Assembly	598946	1	
591670	. . Cover, Inspection	598458	1	
592026	. . Cover, Return Filter	598458	1	
203496	. . O-Ring	598458	1	
562468	. . Gasket, Return Filter Cover Plate	598458	1	
598459	. Fuel Tank Assembly	598946	1	
598465	. . Fuel Tank	598459	1	
203496	. . . O-Ring	598465	1	
591670	. . . Cover, Inspection	598465	1	
253085	. . Breather	598459	1	
587278	. . Fill, Fuel	598459	1	
598971	. . Sending Unit	598459	1	
598528	. Mud Flap	598946	2	
598570	. Battery Box Assembly	598946	1	
599530	. Cooling Box, RH	598946	1	
598544	. . Fan Door Assembly	599530	1	
594987	. . . Latch, RH Rotary	598544	1	
599531	. Cooling Box, LH	598946	1	
598544	. . Fan Door Assembly	599531	1	
594987	. . . Latch, RH Rotary	598544	1	

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Section 8 - FRAME & ATTACHMENTS

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
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, Electric Manual	597666	1	
594262	. Actuator, Electric Pneumatic	597666	1	
253067	. Chemical, Fire Suppressant (5 gallon bucket)	597666	6	
598374	. Kit, Hose, Fire System	597666	1	
598960	Auto Lube System - L90		1	
599721	. Auto Lube System, 2WD Chassis	598960	1	
598039	. . Pump & Reservoir Assembly	599721	1	
599722	. . Kit, Hose, Auto Lube System - Chassis	599721	1	
598768	. Auto Lube System, Boom	598960	1	
598779	. . Kit, Hose, Auto Lube System - Boom	598768	1	
598767	. Auto Lube System, Carriage	598960	1	
598778	. . Kit, Hose, Auto Lube System - Carriage	598767	1	
598843	Fire Detection System - Cab		1	
594254	. Display Module, Checkfire 210	598843	1	
599774	Camera/Monitor Installation		1	
599842	. Camera/Monitor, Cab	599774	1	
599731	. . Camera / Monitor	599842	1	
907053	. . . Camera/Monitor	599731	1	
256612	 Camera, Remote	907053	1	
236806	. . Grommet	599842	2	
599860	. Camera Installation, Carriage	599774	1	
256612	. . Camera, Remote	599860	1	
600855	Kit, Service Bay Light		1	
258338	. Floodlight	600855	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	

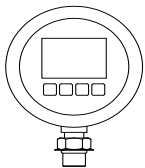
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Diagnostic Tools

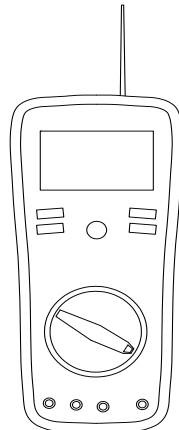
Order from Allied Systems
Service Parts Department
503-625-2560.

906601

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



QD Female

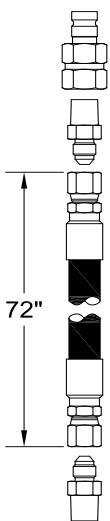


69778

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"

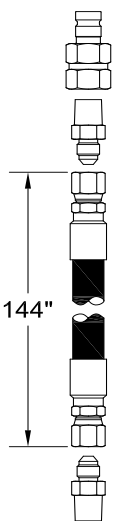


QD Female

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