

Suggested Spares Guide L4115CTL-253

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

Allied P/N	Description	On-Hand Quantity (Recommended)	Order Quantity
219374	Grease	20 Gallons	
219372	Transmission Fluid	44 Gallons	
219371	Hydraulic Oil	350 Gallons	
219370	Engine Oil	120 Gallons	
235720	Gear Oil (Front and Rear Diffs and Planetaries)	45 Gallons	
221340	Anti-Freeze, Premix 50/50	48 Gallons	
570245	Filter Service Kit, Hi-Pressure, 100 GPM	12	
570244	Filter Service Kit, Hi-Pressure, 40 GPM	12	
243458	Filter Element, Return	8	
253584	Filter Element Kit, Hi-Pressure, 65 GPM	4	
226990	Air Filter (Primary)	4	
226991	Air Filter (Secondary)	4	
248856	Filter Element, Cab Pressurizer	4	
253696	Transmission Filter Element	4	
247429	Transmission Filter Element	8	

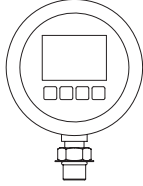

Tools

Allied P/N	Description	On-Hand Quantity (Recommended)	Order Quantity
226672	Breaker Tool, Radiator Tubes	1	
226671	Installation Tool, Radiator Tubes	1	
252920	Lube Brush, Seal & Tube End	1	
259069	Header Plate Hole Cleaning Brush	1	
243274	Accumulator Recharge Valve	1	
509574	Air Hose Kit	1	
558533	Fire Extinguisher Wrench	1	
537788	Spindle Nut Wrench	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	
588469	Wrench Set 5/16 To 2-1/2 31PC	1	
588527	Hex Key Set, .025" To 5/8"	1	

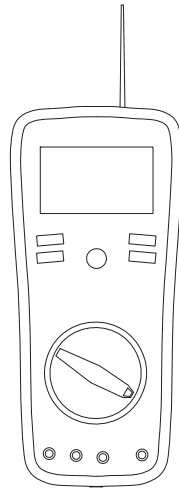
Diagnostic Tools

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

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

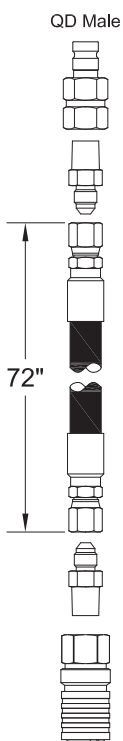



QD Female



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

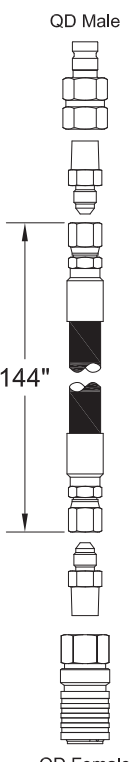


72"

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

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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Allied P/N	Description	Quantity on Machine	Order Quantity
218755	Reverse Alarm	1	
R13659	Lamp, Reverse Alarm	1	
229301	Relay	2	
R10547	Buzzer	1	
223069	Circuit Breaker	4	
232908	Relay	4	
223063	Circuit Breaker, 3 Amp	1	
223065	Circuit Breaker, 5 Amp	2	
229306	Circuit Breaker, 10 Amp	5	
223067	Circuit Breaker, 15 Amp	5	
245157	Outlet, Power, 15 Amp	1	
242950	Fuse, 1 Amp	20	
232903	Power Converter	1	
243633	Horn	1	
581940	Controller, Rad/CAC Fan	1	
581941	Controller, Trans Fan	1	
249288	Lamp Assembly, HID Flood	8	
249338	Lamp Assembly, HID Trapezoid	2	
232906	Light, Flasher Amber 24 Volt	1	
200220	Battery, 12 V	2	
249106	Switch, Battery Disconnect	1	
238891	Relay	3	
246924	Fuse, 5 Amp	2	
236489	Switch, Wiper	2	
237688	Switch, 24V	4	
234736	Switch, 24V	9	
236488	Switch, On/Off/On	3	

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Electrical (Continued)

Allied P/N	Description	Quantity on Machine	Order Quantity
R13656	Switch, 24V	2	
251173	Annunciator, Led, Yel/Yel	1	
251039	Annunciator, Led, Red/Red	6	
251037	Annunciator, Led, Red/Green	7	
251107	Lamp (28V, Yellow LED)	2	
251106	Lamp (28V, Green LED)	18	
207155	Switch, Ignition W/Keys	1	
249692	Display Module, Powerview	1	
251326	Voltmeter Gauge	1	
251329	Gauge, Tach	1	
242491	Gauge, Fuel Level	1	
251325	Gauge, Engine Oil Pressure	1	
249693	Gauge, Engine Coolant	1	
242488	Gauge, Air Pressure	1	
234264	Control Unit	1	
234739	Dimmer Switch, 17W	1	
580598	Electric Shift Controller	1	
561565	Low Air Buzzer	1	
581900	Joystick Handle	1	
251318	Joystick Handle	1	
243342	Pedal, Electronic Throttle	1	
239827	Cab Pressurizer	1	
239036	Motor - 24 V, AC	1	
247681	Motor, Wiper	2	
239342	Motor - 24 V, Aux Heater	1	
580023	Speed Sensor Assembly	1	
251570	Thermistor, Oil/Air/Water Temp	3	
702152	Light, Dome	1	
239161	Fan	1	

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Miscellaneous Parts / Seals

Allied P/N	Description	Quantity on Machine	Order Quantity
224744	Breather, Hydraulic Tank	1	
562966	Dipstick, Hydraulic Tank	1	
236397	Brake Lining	12	
244167	Rubber Elbow (45°, 8" ID)	1	
245358	Rubber Elbow (90°, 8" ID)	1	
208234	Rubber Elbow (90°, 7" ID)	2	
224226	Rubber Elbow (45°, 7" ID)	2	
226793	Rubber Elbow (90°, 8"-7" ID)	1	
228425	Rubber Elbow (45°, 7"-6" ID)	1	
215733	Rubber Elbow (90°, 6" ID)	1	
243652	Tube, Rad	190	
250669	Seal, Locking, Rad	190	
250670	Seal, Rubber, Rad	190	
252977	Tube, V-Fin, ITS, CAC	190	
226663	Grommet, CAC	190	
226664	Grommet, CAC	190	
588502	Seat Suspension	1	
505499	Gasket, Pump Mounting	4	
27360	Gasket, Oil Fill Installation	1	
57597W	O-Ring	1	
226184	Gasket	2	
203528	O-Ring	1	
581673	Dipstick, Engine Oil	1	
563666	Dipstick, Transmission	1	
227988	Filler/Breather, Fuel Tank	1	
203506	O-Ring, Swivel Box Installation	2	
203498	O-Ring, Swivel Box Installation	8	
250655	Boot, Joystick	1	
249617	Boot, Joystick	1	
215096	Belt, Safety	1	
240259	Kit, Seatbelt Hardware	1	
200268	Breather, Front Axle	1	
243938	Horn, Dual Air	1	
237016	Cushion, Training Seat	1	
240783	Belt, Safety (Training Seat)	1	
240259	Kit, Seatbelt Hardware (Training Seat)	1	
212052	Fire Extinguisher	2	

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Safety Stock

Allied P/N	Description	Quantity on Machine	Order Quantity
248962	Converter	1	
245617	Pump, Steering System	1	
249424	Pump, Brake/Pilot	1	
248538	Pump, Hydraulic Oil Cooler	1	
247012	Pump, HD/KO	1	
251596	Pump, HD/KO	1	
250864	Pump, Engine/Transmission Cooling	1	
222452	Pump, Converter Charging	1	
247471	Transmission	1	
580700	Differential & Carrier Assy, Front Axle	1	
547338	Axle Shaft, Front Axle	2	
251149	Differential & Carrier Assy, Rear Axle	1	
240602	Planet Carrier Assembly, Rear Axle	2	
240582	Axle Shaft, Rear Axle	2	
249023	Driveline Assembly	1	
250090	. Cross Assembly	2	
249017	Driveline Assembly	1	
215403	. Cross Assembly	2	
249014	Driveline Assembly	1	
215403	. Cross Assembly	2	
249303	Driveline Assembly	1	
248963	Driveline Assembly	1	
250084	. Cross Assembly	2	
249667	Driveline Assembly	1	
215403	. Cross Assembly	2	
558313	Cylinder, Aux HD	2	
574867	Cylinder, HD	2	
534397	Cylinder, KO	2	
576513	Cylinder, Steering	2	
572479	Cylinder, Hoist	2	
576536	Cylinder, Tilt	2	
234990	Valve, Flow Amplifier	1	
236721	Valve, Holddown & Kickoff	2	
250637	Valve, Hoist & Tilt	1	
21199	Valve, Flow Control	4	
249635	Valve, Remote Steering	1	

Suggested Spares Guide L4115CTL-253**Bushings and Pins**

Allied P/N	Description	Quantity on Machine	Order Quantity
565068	Tine Pin	2	
562851	Carriage to Boom Pin	1	
561170	Carriage to Boom Pin Bushing (Located in Boom)	2	
576544	Carriage to Tilt Cylinder Pin	1	
561170	Carriage to Tilt Cylinder Bushing	2	
560848	HD Cylinder Base End Pin	2	
505841	HD Cylinder Rod End Pin	2	
505206	HD Cylinder Base End Bushing	4	
505603	HD Cylinder Rod End Bushing	2	
534117	HD Arm Bushing	2	
534121	HD Arm Pin	2	
560848	KO Cylinder Base End Pin	2	
505841	KO Cylinder Rod End Pin	2	
505206	KO Cylinder Base End Bushing	4	
505603	KO Cylinder Rod End Bushing	2	
534117	KO Arm Bushing	2	
534121	KO Arm Pin	2	
558326	Aux HD Cylinder Base End Pin	2	
558325	Aux HD Cylinder Rod End Pin	2	

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Bushings and Pins (Continued)

Allied P/N	Description	Quantity on Machine	Order Quantity
505206	Aux HD Cylinder Base End Bushing	4	
558336	Aux HD Arm Bushing	2	
558324	Aux HD Arm Pin	2	
565059	Tilt Cylinder Anchor Ear Bushing	2	
562940	Tilt Cylinder Base End Pin	2	
577031	Anchor Ear to Chassis Pin	2	
561518	Boom to Chassis Pin	1	
561170	Boom to Chassis Bushing (Located in Boom)	2	
567262	Hoist Cylinder to Chassis Pin	2	
561306	Hoist Cylinder to Boom Pin	1	
561170	Hoist Cylinder Rod to Boom Bushing (Located in Boom)	2	
505568	Hoist Cylinder Base End Bushing	4	
577088	Steering Cylinder Base End Pin	2	
577088	Steering Cylinder Rod End Pin	2	
505880	Steering Cylinder Rod & Base End Bushing	8	
581784	Swivel Box	1	
581537	Swivel Box Hinge Pin	2	
586131	Swivel Box Service Kit	1	

Tines and Arms

Allied P/N	Description	Quantity on Machine	Order Quantity
574661	HD Arm	2	
560805	KO Arm	2	
583231	Aux HD Arm	2	
580600	Tines	2	

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Bearings

Allied P/N	Description	Quantity on Machine	Order Quantity
249405	Bearing, Flange Mount, Driveline Installation	2	
248970	Bearing, Spherical, Driveline Installation	1	
200219	Bearing Cone, Swivelbox Installation	2	
204605	Bearing Cup, Swivelbox Installation	2	
216147	Bearing Cup, Front Axle	2	
216146	Bearing Cone, Front Axle	2	
201143	Bearing Cup, Front Axle	2	
201148	Bearing Cone, Front Axle	2	
201145	Bearing, Front Axle Differential	1	
201139	Bearing Cone, Front Axle Differential	2	
201138	Bearing Cup, Front Axle Differential	2	
217703	Bearing Cone, Front Axle Differential	1	
217702	Bearing Cup, Front Axle Differential	1	
201141	Bearing Cup, Front Axle Differential	1	
213645	Bearing Cone, Front Axle Differential	1	
240591	Outer Bearing Cone, Rear Axle	2	
240590	Outer Bearing Cup, Rear Axle	2	
240589	Inner Bearing Cup, Rear Axle	2	
240587	Inner Bearing Cone, Rear Axle	2	
251067	Bearing Cup, Rear Axle Differential	2	
251066	Bearing Cone, Rear Axle Differential	2	
251065	Bearing, Pinion, Rear Axle Differential	1	
251068	Bearing Cone, Rear Axle Differential	1	
251069	Bearing Cup, Rear Axle Differential	1	
201130	Bearing Cup, Outer Pinion, Rear Axle Diff	1	
201129	Bearing Cone, Outer Pinion, Rear Axle Diff	1	

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Bearings (continued)

Allied P/N	Description	Quantity on Machine	Order Quantity
247036	Bearing, Roller, Transmission	2	
212247	Bearing, Transmission	2	
247041	Bearing, Idler Shaft, Transmission	1	
247045	Bearing Cup, Transmission	2	
247046	Bearing Cone, Transmission	2	
212272	Bearing, Transmission	2	
212278	Bearing Assy, Transmission	2	
212289	Bearing Cone, Transmission	2	
206540	Bearing Cup, Transmission	2	
240238	Bearing, Roller, Transmission	2	
222872	Bearing Cup, Transmission	4	
222871	Bearing Cone, Transmission	4	
219769	Bearing Cone, Transmission	2	
202852	Bearing Cup, Transmission	2	
219772	Bearing Cup, Transmission	2	
219773	Bearing Cone, Transmission	2	
241547	Bearing, Transmission	1	
240157	Bearing, Transmission	1	
R7019578	Bearing, Transmission	1	
236878	Bearing Cup, Torque Converter	2	
236879	Bearing Cone, Torque Converter	2	
212432	Bearing Cup, Front, Torque Converter	1	
212448	Bearing Cone, Front, Torque Converter	1	
212469	Bearing Cone, Torque Converter	1	
212470	Bearing Cup, Torque Converter	1	
212489	Bearing, Pump Shaft Front, Torque Converter	3	
234905	Bearing, Pump Shaft Rear, Torque Converter	3	
212506	Bearing, Torque Converter	1	
212521	Bearing, Front, Torque Converter	1	

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Rebuild Kits/Components

Allied P/N	Description	Quantity on Machine	Order Quantity
570774	Service Kit, Converter	1	
570775	Ring Gear Kit	1	
583010	Service Kit, Transmission	1	
244026	Roller Kit, Electronic Throttle Pedal	1	
244027	Sensor Kit, Electronic Throttle Pedal	1	
244028	Treadle Pin Kit, Electronic Throttle Pedal	1	
214939	Internal Gear & Hub Assembly, Front Axle	1	
587563	Drive Axle Service Kit, Front Axle	1	
240444	Pinion & Side Gear Kit, Front Axle Diff	1	
240454	Case Kit, Front Axle Diff	1	
234545	Differential Sub-Assembly, Front Axle Diff	1	
584264	Service Kit, Front Axle Diff	1	
227240	Ring & Pinion Assembly, Rear Axle Diff	1	
219340	Kit, Diff Case, Rear Axle Diff	1	
222994	Differential Sub-Assembly, Rear Axle Diff	1	
241206	Side & Pinion Gear Kit, Rear Axle Diff	1	
572953	Service Kit, Hoist Cylinder	2	
566411	Service Kit, Steering Cylinder	2	
566413	Service Kit, HD/Aux HD Cylinder	4	
518925	Service Kit, KO Cylinder	2	
566401	Service Kit, Tilt Cylinder	2	
234639	Service Kit, Steering Flow Amplifier	1	
570810	Service Kit, HD/KO Valve	2	
231406	Service Kit, Relief Valve, Part of HD/KO Valve	2	
231407	Service Kit, Relief Valve, Part of HD/KO Valve	12	
251100	Service Kit, Hoist/Tilt Valve	1	
251101	Seal Kit, Hoist/Tilt Valve	1	
251102	Seal Kit, Hoist/Tilt Valve	1	
233198	Seal Kit, Remote Steering Valve, Inlet	1	
233199	Seal Kit, Remote Steering Valve	1	
240402	Seal Kit, Remote Steering Valve, Elec. Act.	1	
233200	Seal Kit, Remote Steering Valve, Mech. Act.	1	
233202	Seal Kit, Remote Steering Valve, Assy	1	

Suggested Spares Guide L4115CTL-253**Hose Kits**

Allied P/N	Description	Quantity on Machine	Order Quantity
588917	Hose Kit, For Controls, Seat Mtd 581046	1	
588918	Hose Kit, For Air System-Cab 577365	1	
588927	Hose Kit, For Heater Instl,Fnt 574675	1	
588970	Hose Kit, For Fuel System,Cat Eng 577195	1	
589006	Hose Kit, For Air Cond/Heater/Comp 581107	1	
589132	Hose Kit, For Boom Assy 583328	1	
589133	Hose Kit, For Swivel Box Instl 581042	1	
589134	Hose Kit, For Hyd Sys-Carriage 583237	1	
589135	Hose Kit, For Remote Lube Sys 577637	1	
589136	Hose Kit, For Cowl Assy 582292	1	
589137	Hose Kit, For Power Unit 583555	1	
589138	Hose Kit, For Air System-Chassis 577747	1	
589139	Hose Kit, For Hyd Sys-Chassis 583218	1	
589140	Hose Kit, For Hyd Sys-Strg 583537	1	
589141	Hose Kit, For Hyd Sys-Hoist & Tilt 576932	1	
589142	Hose Kit, For Hyd Valves & Mtg PI 583219	1	
589143	Hose Kit, For Hyd Sys-Trans 583220	1	
589144	Hose Kit, For Hyd Sys-Brakes 581103	1	
589145	Hose Kit, For Fire Suppression Sys 581106	1	
589146	Hose Kit, For Hyd Sys-Cooler 582300	1	