

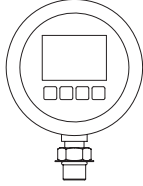

Suggested Spares Guide L4160C-110**Consumables, Approximate 1 Year Supply (calculated at 2000 hours/year)**

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	156 Gallons	
235720	Gear Oil (Front and Rear Diffs and Planetaries)	120 Gallons	
219368	Brake Fluid (Transmission Fluid)	3 Gallons	
221340	Anti-Freeze, Premix 50/50	48 Gallons	
226990	Air Cleaner Primary Element	4	
226991	Air Cleaner Safety Element	4	
224350	Return Filter Elements	4	
570244	Service Kit, 40 GPM Hyd Filter	4	
570245	Service Kit, 100 GPM Hyd Filter	12	
219520	Transmission Filter Service Kit	4	
237809	Air Conditioner Filter Element	4	
225544	V-Belt, Fan Drive	3	
234899	V-Belt	1	
230866	V-Belt	1	
587565	Engine Oil Filter	12	
587568	Fuel Filter	4	

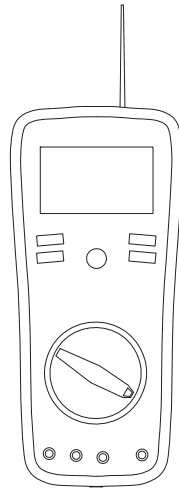
Diagnostic Tools

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

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

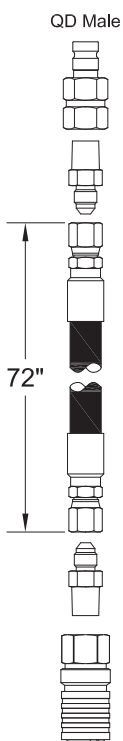



QD Female



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

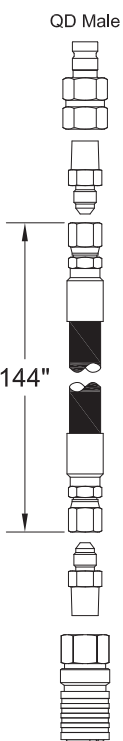


72"

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	

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	

Suggested Spares Guide L4160C-110**Electrical**

Allied P/N	Description	Quantity on Machine	Order Quantity
247681	Windshield Wiper Motor	2	
229811	Bulb, 24v, Cab Dome Light	1	
239161	Fan, Defroster	1	
232074	Microswitch, Electric Shift Control Handle	6	
230886	Bulb, 24vdc, Emergency Brake	1	
207155	Ignition Switch	1	
225649	Light, Red, Emergency Brake	1	
232908	Relay, 24vdc, Junction Box	6	
225649	Red Light, Instrument Panel	2	
230886	Bulb, Red Light, Instrument Panel	2	
236502	Pilot Lamp, Instrument Panel	12	
223062	Circuit Breaker, Terminal Panel Assembly	2	
223065	Circuit Breaker, Terminal Panel Assembly	3	
229306	Circuit Breaker, Terminal Panel Assembly	4	
223067	Circuit Breaker, Terminal Panel Assembly	5	
225169	Switch, Speed, Terminal Panel Assembly	1	
232903	Power Converter, Terminal Panel Assembly	1	
239730	Circuit Breaker, Terminal Panel Assembly	1	
223377	Circuit Breaker, Terminal Panel Assembly	1	
228433	Push Button, Rem Control Valve	1	
224392	Micro Switch, Rem Control Valve	2	
244027	Sensor Kit, Electronic Throttle Pedal	1	
577392	Switch, Pressure	1	
236488	Switch, On/Off/On	2	
200220	Battery, 12v	2	

Suggested Spares Guide L4160C-110**Electrical (continued)**

Allied P/N	Description	Quantity on Machine	Order Quantity
236503	Red Lens, Instrument Panel	6	
236504	Green Lens, Instrument Panel	6	
234739	Dimmer Switch, Instrument Panel	1	
234736	Switch, 24vdc, Instrument Panel	7	
234975	Switch, 2 Speed, Instrument Panel	1	
236489	Switch, Wiper, Instrument Panel	2	
237346	Yellow Lens, Instrument Panel	1	
237688	Switch, 24vdc, Instrument Panel	1	
229301	Relay, Terminal Panel Assembly	2	
R10547	Buzzer, Terminal Panel Assembly	1	
232908	Relay, Terminal Panel Assembly	2	
243477	Display, EMS	1	
234183	Alternator	1	
576693	Proximity Switch, Power Unit	1	
238940	Alternator	1	
231341	Floodlight	13	
218755	Alarm, Reverse	1	
220915	Engine Heater Kit	1	
550356	Hydraulic Tank Heater Assembly	1	
232906	Flashing Light, Amber	1	
233071	Lamp, Halogen Head Light, 24vdc	4	
239072	Load Indicator	1	
239073	Transducer	1	
239174	Switch, Wiper Delay	1	

Suggested Spares Guide L4160C-110

Miscellaneous Parts / Seals

Allied P/N	Description	Quantity on Machine	Order Quantity
224744	Hydraulic Tank Filler/Breather	1	
561108	Hydraulic Tank Dipstick	1	
555064	Gasket, Manhole Cover	2	
215733	Elbow, 90°, 6" ID, Rubber	1	
228425	Elbow, 45°, 7 - 6" ID, Rubber	1	
243651	Tube (Air Cooler)	145	
243652	Tube (Radiator)	135	
243656	Tube (Oil Cooler)	65	
226663	Seal (Air Cooler, Radiator, Oil Cooler)	410	
226664	Seal (Air Cooler, Radiator)	280	
232860	Radiator Cap, 7 PSI	1	
230387	Rubber Boot, HD/KO Valves	6	
228131	Rubber Boot, Rem Control Valve	1	
231800	Seat Suspension	1	
505499	Gasket, Pump Mounting	2	
203541	O-Ring, Pump Mounting	2	
559079	Dipstick, Engine Oil	1	
214766	Dipstick, Transmission	1	
227988	Fuel Tank Filler/Breather	1	
203506	O-Ring, Swivel Box Installation	2	
232070	Rubber Boot, Electric Shift Control Handle	1	
215096	Safety Belt	1	
200268	Breather, Front Axle	1	
207906	Air Horn Assembly	1	
237016	Cushion, Training Seat	1	
240783	Safety Belt, Training Seat	1	
240259	Kit, Seatbelt Hardware, Training Seat	1	
568632	Brake Linings, Drive Axle	12	
212052	Fire Extinguisher	1	

Tines and Arms

Allied P/N	Description	Quantity on Machine	Order Quantity
572962	HD Arm	2	
561461	KO Arm	2	
570207	Aux HD Arm	2	
572972	Tine	2	

Suggested Spares Guide L4160C-110

Safety Stock

Allied P/N	Description	Quantity on Machine	Order Quantity
235291	Converter	1	
237948	Pump, Tandem	1	
243513	Pump	1	
222452	Pump, Converter Charging	1	
238847	Transmission	1	
225033	Differential & Carrier Assy, Front Axle	1	
225037	Axle Shaft, Front Axle	2	
232144	Differential & Carrier Assy, Rear Axle	1	
227235	Planet Carrier Assembly, Rear Axle	2	
227230	Axle Shaft, Rear Axle	2	
558444	Driveline Assembly	1	
204302	. Cross Assembly	1	
212389	. Cross Assembly	1	
573260	Driveline Assembly	1	
215403	. Cross Assembly	1	
225273	. Cross Assembly	1	
563435	Driveline Assembly	1	
215403	. Cross Assembly	1	
543382	Driveline Assembly	1	
215403	. Cross Assembly	1	
543383	Driveline Assembly (Replaces 543383)	1	
243456	. Cross Assembly (Replaces 215403)	1	
563439	Shaft, Drive	1	
215403	. Cross Assembly	2	
572698	Cylinder, HD	2	
558313	Cylinder, Aux HD	2	
572699	Cylinder, KO	2	
569593	Cylinder, Steering	2	
573191	Cylinder, Hoist	2	
573078	Cylinder, Tilt	2	
229439	Valve, Hoist & Tilt	1	
234082	Valve, Flow Amplifier	1	
236721	Valve, HD/KO	2	

Suggested Spares Guide L4160C-110

Bushings and Pins

Allied P/N	Description	Quantity on Machine	Order Quantity
558366	Tine Pin	2	
561517	Carriage to Boom Pin	1	
561170	Carriage to Boom Pin Bushing (Located in Boom)	2	
558423	Carriage to Tilt Cylinder Pin	2	
558363	HD Cylinder Base End Pin	2	
558362	HD Cylinder Rod End Pin	2	
534117	HD Cylinder Base End Bushing	4	
510012	HD Cylinder Rod End Bushing	2	
558159	HD Arm Bushing	4	
558364	HD Arm Pin	2	
558363	KO Cylinder Base End Pin	2	
558362	KO Cylinder Rod End Pin	2	
534117	KO Cylinder Base End Bushing	4	
510012	KO Cylinder Rod End Bushing	2	
558159	KO Arm Bushing	4	
558364	KO Arm Pin	2	
558326	Aux HD Cylinder Base End Pin	2	
558325	Aux HD Cylinder Rod End Pin	2	
505206	Aux HD Cylinder Base End Bushing	4	
517115	Aux HD Arm to Cylinder Bushing	2	
558336	Aux HD Arm Bushing	2	
558324	Aux HD Arm Pin	2	
204503	Tilt Cylinder to Carriage Spherical Bearing	2	
573163	Tilt Cylinder Base Bushing	4	
573173	LH/RH Stabilizer Arm Pin (Upper)	2	
573171	LH/RH Stabilizer Arm Bushing (Upper)	2	
570333	LH/RH Stabilizer Arm Tapered Retaining Bolt	2	
570441	LH/RH Stabilizer Arm Bushing (Inner)	2	
570332	LH/RH Stabilizer Arm Bushing (Outer)	2	
570233	LH/RH Rear Stabilizer Pin (Lower)	2	
570319	LH/RH Rear Stabilizer Ear Bushing (Upper & Lower)	8	
570232	LH/RH Rear Stabilizer Deck Eye Bushing	2	
570233	LH/RH Rear Stabilizer Pin (Upper)	2	
570232	LH/RH Rear Stabilizer Bushing (Upper)	2	
561518	Boom to Chassis Pin	2	
561170	Boom to Chassis Bushing (Located in Boom)	4	

Suggested Spares Guide L4160C-110**Bushings and Pins (continued)**

Allied P/N	Description	Quantity on Machine	Order Quantity
573210	Hoist Cylinder to Chassis Pin	2	
573067	Hoist Cylinder to Boom Pin	1	
573068	Hoist Cylinder Rod to Boom Bushing (Located in Boom)	2	
573205	Hoist Cylinder Base End Bushing	4	
512865	Steering Cylinder Base End Pin	2	
512865	Steering Cylinder Rod End Pin	2	
505880	Steering Cylinder Rod & Base End Bushing	8	
572884	Swivel Box	1	
566851	Swivel Box Hinge Pin	2	
586141	Swivel Box Expander Pivot Pin Conversion Kit (Optional)	1	

Suggested Spares Guide L4160C-110

Bearings

Allied P/N	Description	Quantity on Machine	Order Quantity
204585	Roller Bearing, Driveline Installation	2	
222662	Flanged Ball Bearing, Driveline Installation	4	
200219	Bearing Cone, Swivelbox Installation	2	
204605	Bearing Cup, Swivelbox Installation	2	
225380	Cup, Bearing, Front Axle	2	
225381	Cone, Bearing, Front Axle	2	
225385	Cup, Bearing, Front Axle	1	
225386	Cone, Bearing, Front Axle	1	
225391	Cup, Bearing, Front Axle	3	
225392	Cone, Bearing, Front Axle	1	
225400	Cone, Bearing, Front Axle	1	
225403	Cone, Bearing, Front Axle	1	
225433	Bearing, Roller, Planet Assembly, Front Axle	12	
239215	Bearing, Planet Assembly, Front Axle	12	
225480	Bearing, Axle Housing Group, Front Axle	2	
225463	Bearing Cup, Wheel Hub Group, Front Axle	4	
225464	Bearing Cone, Wheel Hub Group, Front Axle	4	
217832	Bearing Cone, Outer, Rear Axle	2	
217833	Bearing Cup, Outer, Rear Axle	2	
224700	Bearing Cup, Inner, Rear Axle	2	
224699	Bearing Cone, Inner, Rear Axle	2	
201132	Bearing Cup, Pinion, Inner, Rear Axle Diff	1	
201133	Bearing Cone, Pinion, Inner, Rear Axle Diff	1	
201144	Pinion Bearing, Rear Axle Diff	1	
R672004	Bearing Cup, Rear Axle Diff	2	
201137	Bearing Cone, Rear Axle Diff	2	

Suggested Spares Guide L4160C-110**Bearings (continued)**

Allied P/N	Description	Quantity on Machine	Order Quantity
217526	Bearing, Transmission	2	
212247	Bearing, Transmission	2	
217661	Bearing, Transmission	1	
204636	Bearing Cup, Transmission	2	
212266	Bearing Cone, Transmission	2	
212272	Bearing, Transmission	2	
212278	Bearing Assy, Transmission	2	
206540	Bearing Cup, Transmission	3	
212289	Bearing Cone, Transmission	3	
222872	Bearing Cup, Inner, Transmission	4	
222871	Bearing Cone, Inner, Transmission	4	
212373	Ball Bearing, Transmission	2	
221136	Roller Bearing, Transmission	2	
240157	Bearing, Transmission	1	
203110	Bearing Cup, Rear, Converter	2	
212434	Bearing Cone, Rear, Converter	2	
212432	Bearing Cup, Front, Converter	1	
230405W	Bearing Cone, Front, Converter	1	
212469	Bearing Cone, Converter	1	
212470	Bearing Cup, Converter	1	
212489	Bearing, Pump Shaft Front, Converter	3	
234905	Bearing, Pump Shaft Rear, Converter	3	
R4095379	Bearing, Converter	1	
R4095407	Bearing, Front, Converter	1	

Suggested Spares Guide L4160C-110**Rebuild Kits/Components**

Allied P/N	Description	Quantity on Machine	Order Quantity
570774	Service Kit, Converter	1	
570775	Ring Gear Kit	1	
244026	Roller Kit, Electronic Throttle Pedal	1	
244027	Sensor Kit, Electronic Throttle Pedal	1	
244028	Treadle Pin Kit, Electronic Throttle Pedal	1	
575226	Bearing and Spacer Kit, Front Axle Planet	2	
227239	Internal Gear and Hub Assembly, Rear Axle	1	
229518	Ring Gear and Pinion Set, Diff Rear Axle	1	
219340	Differential Case Kit, Rear Axle	1	
569035	Service Kit, Differential, Rear Axle	1	
566419	Service Kit, KO/HD Cylinder	4	
566413	Service Kit, Aux HD Cylinder	2	
566412	Service Kit, Steering Cylinder	2	
572952	Service Kit, Hoist Cylinder	2	
573162	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	
225316	Service Kit, Hoist/Tilt Valve	1	
225317	Service Kit, Hoist/Tilt Valve	1	

Suggested Spares Guide L4160C-110

Hose Kits

Allied P/N	Description	Quantity on Machine	Order Quantity
588840	Hose Kit, For Chassis Assembly 572916	1	
588841	Hose Kit, For Boom Assembly 573038	1	
588842	Hose Kit, For Swivel Box Installation 572883	1	
588843	Hose Kit, For Hydraulic System - Carriage 573268	1	
588844	Hose Kit, For Remote Lube System 563956	1	
588845	Hose Kit, For Seat Mounted Hydraulic Controls 570370	1	
588846	Hose Kit, For Vehicle Air System 573259	1	
588847	Hose Kit, For Power Unit 576457	1	
588848	Hose Kit, For Fuel System 559037	1	
588849	Hose Kit, For Hydraulic System - Chassis 574272	1	
588850	Hose Kit, For Hydraulic System - Cowl To Valves 570369	1	
588851	Hose Kit, For Hydraulic System - Steering 573283	1	
588852	Hose Kit, For Hydraulic System - Hoist 573265	1	
588853	Hose Kit, For Valve Module 574794	1	
588854	Hose Kit, For Hydraulic System - Tilt 573264	1	
588855	Hose Kit, For Transmission Circuit 574578	1	
588856	Hose Kit, For Hydraulic System - Brakes 573486	1	
588857	Hose Kit, For Heater Installation 570753	1	
588858	Hose Kit, For Fire Suppression System 561508	1	
588859	Hose Kit, For AC Installation 570752	1	
588860	Hose Kit, For Air Conditioner 236812	1	
588861	Hose Kit, For Shutter System 562187	1	

Every 10 Hours / Daily

Shift Maintenance Checklist

Note general vehicle condition. Clear away all collected debris - steam clean if necessary. Check for mechanical damage and loose or leaking components. Report all faults to maintenance department.

Before Starting Engine, Check the Following:				
Ref	Component	OK	NO	ADD
1	ENGINE (Check oil level - check for leaks)			
2	V-BELTS (Check tension - check for damage - change as required)			
3	HYDRAULIC TANK (Check oil level - check for leaks)			
4	RADIATOR & OIL COOLER (Check coolant level - check for leaks; are fins clean and unobstructed?)			
5	AIR CLEANER/INTAKE SYSTEM (Check indicator - clean / change element as required, empty dust cup, check for leaks / damage)			
6	ENGINE BELTS (Check for adjustment and wear)			
7	WHEELS & TIRES (Check condition and pressure)			
8	AIR TANK (Check drain valves for correct operation)			
9	LUBRICATE CHASSIS (Refer to lube chart)			
10	WALK AROUND INSPECTION OF STRUCTURE (Check welds, leaks, damaged components, etc...)			
11	FIRE SAFETY CHECK (Check for accumulated debris in engine compartment, etc)			
12	FIRE SUPPRESSION SYSTEMS (Verify certifications are current)			

After Starting Engine, Check the Following:				
Ref	Component	OK	NO	ADD
13	ENGINE (Does it sound normal?)			
14	INSTRUMENTS (Check for normal readings)			
15	CONTROLS (Check for normal operation)			
16	EXHAUST SYSTEM (Check for leaks and excessive smoke)			
17	TRANSMISSION (After warming to operation temp, check oil level - check for leaks)			

Note Anything Abnormal or in Need of Repair:	
Component	Comments
LIGHTS	
DEFROSTER	
REVERSE WARNING HORN	
HORN	
WINDSHIELD WIPERS	
HEATER	
AIR CONDITIONER	

OPERATOR _____

SUPERVISOR _____

DATE _____

MODEL L4160C _____

SERIAL No 112110 _____

HOUR METER _____

Every 50 Hours or Weekly

Checklist

1	Repeat the 10 hour check	OK <input type="checkbox"/>	No <input type="checkbox"/>
2	Check for fluid leaks - oil, fuel, water, transmission, brake	OK <input type="checkbox"/>	Repair <input type="checkbox"/>
4	Check wheel lug nuts and studs mechanically	OK <input type="checkbox"/>	Repair <input type="checkbox"/>
5	Check battery electrolyte level	OK <input type="checkbox"/>	Add <input type="checkbox"/>
6	Lubricate chassis - refer to Lubrication chart	OK <input type="checkbox"/>	No <input type="checkbox"/>
7	Check for structural damage - inspect chassis & attachments for bending, cracking & broken welds	OK <input type="checkbox"/>	Repair <input type="checkbox"/>

Consumables

Allied P/N	Description	Quantity Required for this Interval
219374	Grease, Mobilgrease XHP 222 Special	As Required
219372	Transmission Fluid	As Required
219371	Hydraulic Oil, Mobil DTE 10 Excel 32	As Required
219370	Engine Oil	As Required
235720	Gear Oil	As Required
219368	Brake Fluid (Transmission Fluid)	As Required

MECHANIC _____
 SUPERVISOR _____
 DATE _____
 MODEL L4160C _____
 SERIAL No 112110 _____
 HOUR METER _____

Every 250 Hours or Monthly**Checklist**

1	Repeat the 50 hour check	OK <input type="checkbox"/>	No <input type="checkbox"/>
2	Take engine oil sample for analysis	OK <input type="checkbox"/>	No <input type="checkbox"/>
3	Change engine oil & filter	OK <input type="checkbox"/>	No <input type="checkbox"/>
4	Check axle differential oil level	OK <input type="checkbox"/>	Add <input type="checkbox"/>
5	Check axle planetary oil level	OK <input type="checkbox"/>	Add <input type="checkbox"/>
6	Change water treatment element	OK <input type="checkbox"/>	No <input type="checkbox"/>
7	Check all hydraulic pressures and record	OK <input type="checkbox"/>	No <input type="checkbox"/>

Consumables

Allied P/N	Description	Quantity Required for this Interval
219370	Engine Oil	13 Gallons
587565	Engine Oil Filter	1

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL L4160C _____

SERIAL No 112110 _____

HOUR METER _____

Every 500 Hours or Quarterly

Checklist

1	Repeat the 250 hour check	OK <input type="checkbox"/>	No <input type="checkbox"/>
2	Change fuel filter	OK <input type="checkbox"/>	No <input type="checkbox"/>
3	Change Hydraulic filters	OK <input type="checkbox"/>	No <input type="checkbox"/>
4	Change Transmission filters	OK <input type="checkbox"/>	No <input type="checkbox"/>
5	Take oil samples from transmission, axle, and hydraulic system for analysis	OK <input type="checkbox"/>	No <input type="checkbox"/>
6	Inspect AC filter element - replace as necessary	OK <input type="checkbox"/>	Replace <input type="checkbox"/>
7	Check Accumulator pre-charge pressure	OK <input type="checkbox"/>	No <input type="checkbox"/>

Consumables

Allied P/N	Description	Quantity Required for this Interval
587568	Fuel Filter	1
224350	Return Filter Element	1
570244	Filter Service Kit, 40 GPM Hyd Filter	1
570245	Filter Service Kit, 100 GPM Hyd Filter	3
219520	Transmission Filter Service Kit	1
237809	Air Conditioner Filter Element	1

MECHANIC _____
 SUPERVISOR _____
 DATE _____
 MODEL L4160C _____
 SERIAL No 112110 _____
 HOUR METER _____

Every 1,000 Hours or Semi-Annually**Checklist**

1	Repeat the 500 hour check	OK <input type="checkbox"/>	No <input type="checkbox"/>
2	Change transmission oil	OK <input type="checkbox"/>	No <input type="checkbox"/>
3	Clean and flush cooling system	OK <input type="checkbox"/>	No <input type="checkbox"/>
4	Check pins and bushings for wear	OK <input type="checkbox"/>	No <input type="checkbox"/>
5	Steam clean machine, inspect for structural cracks	OK <input type="checkbox"/>	No <input type="checkbox"/>
6	Have ANSUL representative inspect and recertify fire suppression system	OK <input type="checkbox"/>	No <input type="checkbox"/>

Consumables

Allied P/N	Description	Quantity Required for this Interval
219372	Transmission Fluid	22 Gallons
221340	Anti-Freeze, Premix 50/50	24 Gallons

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL L4160C _____

SERIAL No 112110 _____

HOUR METER _____

Every 2,000 Hours or Annually

Checklist

1	Repeat the 1,000 hour check	OK <input type="checkbox"/>	No <input type="checkbox"/>
2	Drain, flush and fill differentials	OK <input type="checkbox"/>	No <input type="checkbox"/>
3	Drain, flush and fill planetaries	OK <input type="checkbox"/>	No <input type="checkbox"/>
4	Change hydraulic oil	OK <input type="checkbox"/>	No <input type="checkbox"/>
5	Change brake fluid	OK <input type="checkbox"/>	No <input type="checkbox"/>
6	Have Allied representative inspect machine (annually)	OK <input type="checkbox"/>	No <input type="checkbox"/>

Consumables

Allied P/N	Description	Quantity Required for this Interval
235720	Gear Oil	120 Gallons
219371	Hydraulic Oil, Mobil DTE 10 Excel 32	350 Gallons
219368	Brake Fluid (Transmission Fluid)	3 Gallons

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL L4160C _____

SERIAL No 112110 _____

HOUR METER _____

Major Overhaul

Checklist

1	Replace all hydraulic hoses	OK <input type="checkbox"/>	No <input type="checkbox"/>
2	Rebuild axles	OK <input type="checkbox"/>	No <input type="checkbox"/>
3	Rebuild hydraulic cylinders	OK <input type="checkbox"/>	No <input type="checkbox"/>
4	Rebuild hydraulic valves	OK <input type="checkbox"/>	No <input type="checkbox"/>
5	Rebuild transmission	OK <input type="checkbox"/>	No <input type="checkbox"/>
6	Rebuild torque converter	OK <input type="checkbox"/>	No <input type="checkbox"/>

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL L4160C _____

SERIAL No 112110 _____

HOUR METER _____

Major Overhaul Kits

Allied P/N	Description	Quantity Required for this Interval
588840	Hose Kit, For Chassis Assembly 572916	1
588841	Hose Kit, For Boom Assembly 573038	1
588842	Hose Kit, For Swivel Box Installation 572883	1
588843	Hose Kit, For Hydraulic System - Carriage 573268	1
588844	Hose Kit, For Remote Lube System 563956	1
588845	Hose Kit, For Seat Mounted Hydraulic Controls 570370	1
588846	Hose Kit, For Vehicle Air System 573259	1
588847	Hose Kit, For Power Unit 576457	1
588848	Hose Kit, For Fuel System 559037	1
588849	Hose Kit, For Hydraulic System - Chassis 574272	1
588850	Hose Kit, For Hydraulic System - Cowl To Valves 570369	1
588851	Hose Kit, For Hydraulic System - Steering 573283	1
588852	Hose Kit, For Hydraulic System - Hoist 573265	1
588853	Hose Kit, For Valve Module 574794	1
588854	Hose Kit, For Hydraulic System - Tilt 573264	1
588855	Hose Kit, For Transmission Circuit 574578	1
588856	Hose Kit, For Hydraulic System - Brakes 573486	1
588857	Hose Kit, For Heater Installation 570753	1
588858	Hose Kit, For Fire Suppression System 561508	1
588859	Hose Kit, For AC Installation 570752	1
588860	Hose Kit, For Air Conditioner 236812	1
588861	Hose Kit, For Shutter System 562187	1
570774	Service Kit, Converter	1
570775	Ring Gear Kit	1
575226	Bearing and Spacer Kit, Front Axle Planet	2
227239	Internal Gear and Hub Assembly, Rear Axle	1
229518	Ring Gear and Pinion Set, Diff Rear Axle	1
219340	Differential Case Kit, Rear Axle	1
569035	Service Kit, Differential, Rear Axle	1
566419	Service Kit, KO/HD Cylinder	4
566413	Service Kit, Aux HD Cylinder	2
566412	Service Kit, Steering Cylinder	2
572952	Service Kit, Hoist Cylinder	2
573162	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
225316	Service Kit, Hoist/Tilt Valve	1
225317	Service Kit, Hoist/Tilt Valve	1

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