

Suggested Spares Guide L90F-622

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

Allied P/N	Description	On-Hand Quantity (Recommended)	Order Quantity
219374	Grease	5 Gallons	
238206	Transmission Fluid	50 Gallons	
219371	Hydraulic Oil	550 Gallons	
236077	Engine Oil	120 Gallons	
235720	Drive Axle Gear Oil	55 Gallons	
252945	Coolant Filter	12	
588563	Oil Filter	12	
588564	Fuel Filter	4	
256249	Belt; Serpentine, Alternator	1	
589282	Belt; Serpentine	1	
221340	Anti-Freeze, Premix 50/50	48 Gallons	
588191	High Pressure Filter Service Kit (100 GPM)	12	
588192	High Pressure Filter Service Kit (40 GPM)	4	
243458	Filter Element, Return	8	
253696	Filter Element, Transmission Sys	4	
247429	Filter Element, Transmission Sys	8	
258701	Element, Air Cleaner Assembly	8	
258702	Safety Element, Air Cleaner Assembly	8	
259015	Filter, Pressurizer High Efficiency	2	
258699	Filter, Pressurizer High Capacity	2	

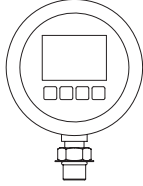

Tools

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, 3/8" Dr 3/8" To 7/8" STD/Deep 22PC	1	
588467	Socket Set, 1/2" Dr 3/8" To 1-1/4" STD/Deep 30PC	1	
588468	Socket Set, 3/4" Dr 7/8" To 2-3/8" STD 29PC	1	
588469	Wrench Set 5/16" To 2-1/2" 31PC	1	
588527	Hex Key Set, 1/4" To 5/8"	1	

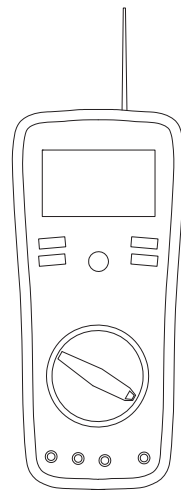
Diagnostic Tools

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

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

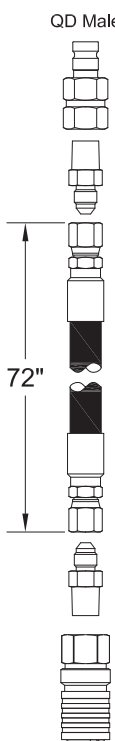



QD Female



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

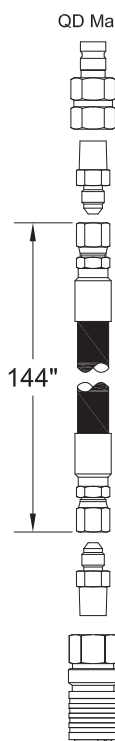


72"

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	

Electrical

Allied P/N	Description	Quantity on Machine	Order Quantity
254962	Connector, ECM	1	
259220	Horn, 24 Vdc	1	
258772	Motor Assembly, Wiper	2	
256320	Light, Dome	1	
251325	Gauge, Eng Oil Press	1	
249693	Gauge, Eng Coolant	1	
254933	Gauge, Tach	1	
254935	Gauge, Aux Oil Press	1	
254934	Gauge, Aux Oil Temp	1	
258707	Gauge, Fuel Level	1	
251326	Voltmeter Gauge	1	
255254	Alarm, Audible	1	
251615	Outlet, Power	1	
588433	LED, Panel Mount	1	
588432	LED, Panel Mount	6	
GAG0001133	Hourmeter	1	
236489	Switch, Wiper	2	
236488	Switch, On/Off/On	2	
237688	Switch, 24V	4	
255868	Control, Temp	1	

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Electrical (Continued)

Allied P/N	Description	Quantity on Machine	Order Quantity
588432	LED, Panel Mount	6	
22635	Diode	2	
588431	LED, Panel Mount	2	
247975	Receptacle	1	
249692	Display Module, Powerview	1	
244837	Stereo/CD Player	1	
234736	Switch, 24V	1	
234508	Socket	1	
236901	.Bulb	1	
234739	Dimmer Switch,17W	1	
247209	Terminal Block	5	
232903	Power Converter	1	
588300	Programmed PLC	1	
588433	LED, Panel Mnt	6	
R10547	Buzzer	1	
248649	Receptacle	1	
242950	Fuse, 1 AMP	26	
238891	Relay	2	
28287	Relay	2	
249382	Switch, Rocker	1	
238932	Jumper	1	
235217	Connector, Female	69	
ELC7531010	Potentiometer	1	
223062	Circuit Breaker, 2 AMP	1	
223065	Circuit Breaker, 5 AMP	2	
229306	Circuit Breaker, 10 AMP	7	
223067	Circuit Breaker, 15 AMP	5	
223377	Circuit Breaker, 20 AMP	3	
223069	Circuit Breaker, 30 AMP	1	
587084	Circuit Breaker, 7.5 AMP	1	
229301	Relay	2	
28287	Relay	1	
238891	Relay	1	
251615	Outlet, Power	1	
586917	Gauge, Oil Temp	1	

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Electrical (Continued)

Allied P/N	Description	Quantity on Machine	Order Quantity
246908	Sensor, Temp	1	
202889	Switch, Oil Press	1	
229301	Relay	1	
249309	Compressor	1	
200220	Battery, 12V	2	
249106	Switch, Battery Disconnect	1	
230729	Sending Unit	1	
586918	Sender, Oil Temp	1	
581682	Cord Assembly	12	
229808	Cord	25'	
238891	Relay	3	
220274	Cord	15'	
246924	Fuse, 5 AMP	2	
22635	Diode	8	
22635	Diode	2	
240566	Relay	2	
240519	Thermistor	1	
246923	Pedal Assembly, Elec Throttle	1	
207155	Switch, Ignition W/Keys	1	
225649	Light, Red Panel	1	
234264	Control Unit	1	
234736	Switch, 24V	3	
234508	. Socket	1	
236901	. . Bulb	1	
236488	Switch, On/Off/On	1	
259080	Floodlight	1	
R19361	Alarm, Reverse	1	
259080	Floodlight	10	
587284	Coil Assembly	1	
587293	Switch, High Side	1	
238891	Relay	1	
587299	Fan/Motor Assembly, 16"- 24V	2	
240047	Relay, 24V	1	
587160	Motor, AC/Heater	2	

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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	
258638	Molding, Self Lock (Window Molding)	25'	
203037	Molding, Locking Key (Window Molding)	25'	
258697	Gasket, F/Doors	338"	
258711	Gasket, Door Handle	2	
215096	Belt, Safety	1	
240259	Kit, Seatbelt Hardware	1	
258413	Pad, Seat Back	2	
589183	Dipstick, Engine Oil	1	
226184	Gasket, Pump Mounting	2	
505499	Gasket, Pump Mounting	3	
203519	O-Ring (Valve Plate Assembly)	1	
R10664	O-Ring (Power Unit)	1	
R10663	O-Ring (Power Unit)	1	
R12968265	Cap, Radiator (15 PSI)	1	
243652	Tube, (Radiator)	175	
250669	Seal, Locking (Radiator)	175	
250670	Seal (Radiator)	175	
250680	Tube, Aftercooler	117	
226663	Grommet (Aftercooler)	117	
226664	Grommet, Locking Groove (Aftercooler)	117	
227988	Filler Breather, Fuel Tank	1	
R1904878	Rubber Elbow (90DEG, 6" ID)	3	
215733	Rubber Elbow (90DEG, 6" ID)	2	
224226	Rubber Elbow (45DEG, 7" ID)	2	
224354	Rubber Elbow (90DEG, 7" - 6" ID)	1	
228425	Rubber Elbow (45DEG, 7" - 6" ID)	2	
564977	Dipstick, Transmission	1	
214464	Seal (Tail Post)	1	
203564	O-Ring (Tail Post)	2	
208870	Seal (Tail Post)	2	
510444	Gasket (Tail Post)	2	
508834	Seal, Race (Tail Post)	2	
200268	Breather, Front Axle	1	
250655	Bellows, Joystick	1	
249617	Bellows, Joystick	1	
215403	Cross Assembly For Driveline	2	
250090	Cross Assembly For Driveline	2	
212052	Fire Extinguisher	1	

Suggested Spares Guide L90F-622**Safety Stock**

Allied P/N	Description	Quantity on Machine	Order Quantity
256295	Converter W/Flex Plate	1	
589113	Pump, Front	1	
245520	Pump, Hyd (CCW)	1	
245519	Pump, Tandem (CW)	1	
222452	Pump, Charge	1	
244179	Transmission	1	
580700	Differential & Carrier Assembly	1	
547338	Axle Shaft	2	
211953	Planet Carrier Assembly	2	
250400	Driveline Assembly	1	
255339	Driveline Assembly	1	
531565	Cylinder Assembly, HD	2	
531671	Cylinder Assembly, KO/Aux HD	4	
569848	Cylinder Assembly, Steering	2	
562896	Cylinder Assembly, Hoist	2	
580771	Cylinder Assembly, Tilt	2	
588648	Radiator/CAC	1	
250637	Valve, Hoist & Tilt	1	
234082	Valve, Flow Amplifier	1	
587577	Valve, Holddown & Kickoff	2	
249635	Valve, Remote Steering	1	

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Bushings and Pins

Allied P/N	Description	Quantity on Machine	Order Quantity
508737	Tine Pin	2	
531543	HD Cylinder Base End Pin	2	
552409	HD Cylinder Rod End Pin	2	
505664	HD Cylinder Base End Bushing	4	
505880	HD Cylinder Rod End Bushing	2	
523862	HD Arm Bushing	2	
531586	HD Arm Pin	2	
531543	KO Cylinder Base End Pin	2	
512865	KO Cylinder Rod End Pin	2	
505664	KO Cylinder Base End Bushing	4	
505880	KO Cylinder Rod End Bushing	2	
523862	KO Arm Bushing	4	
531586	KO Arm Pin	2	
536405	Aux HD Cylinder Base End Pin	2	
512865	Aux HD Cylinder Rod End Pin	2	
505664	Aux HD Cylinder Base End Bushing	4	
505880	Aux HD Arm to Cylinder Bushing	2	
523541	Aux HD Arm Bushing	4	
536403	Aux HD Arm Pin	2	
562940	Tilt Cylinder to Chassis Pin	2	
523107	Carriage to Boom Pin	1	
538104	Carriage to Boom Pin Bushing (Located in Boom)	2	
588159	Carriage to Tilt Cylinder Pin	2	
565059	Cylinder Anchor Plate Bushing at Tilt Cylinder	2	
563700	Cylinder Anchor Plate Pin at Chassis	2	
563504	Boom to Chassis Pin	1	
561170	Boom to Chassis Bushing (Located in Boom)	2	
572737	Hoist Cylinder to Chassis Pin	2	
566920	Hoist Cylinder to Boom Pin	1	
561170	Hoist Cylinder Rod to Boom Bushing (Located in Boom)	2	
505568	Hoist Cylinder Base End Bushing	4	
500290	Steering Cylinder Base End Pin	2	
505350	Steering Cylinder Base End Bushing	4	
204502	Steering Cylinder Rod End Spherical Bearing	2	

Suggested Spares Guide L90F-622**Tines and Arms**

Allied P/N	Description	Quantity on Machine	Order Quantity
560937	HD Arm	2	
560229	KO Arm	2	
588160	Aux HD Arm	2	
588130	Tines	2	

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Bearings

Allied P/N	Description	Quantity on Machine	Order Quantity
214471	Bearing Cup, Tailpost	1	
234204	Bearing Cone, Tailpost	1	
204540	Bearing Cone, Tailpost	2	
204603	Bearing Cone, Tailpost	2	
212198	Bearing Cup, Tailpost	1	
212199	Bearing Cone, Tailpost	1	
216146	Bearing Cone, Front Axle	2	
201143	Bearing Cup, Front Axle	2	
201148	Bearing Cone, Front Axle	2	
216147	Bearing Cup, Front Axle	2	
201145	Bearing, Front Axle Diff	1	
201139	Bearing Cone, Front Axle Diff	2	
201138	Bearing Cup, Front Axle Diff	2	
217703	Bearing Cone, Front Axle Diff	1	
217702	Bearing Cup, Front Axle Diff	1	
201141	Bearing Cup, Front Axle Diff	1	
213645	Bearing Cone, Front Axle Diff	1	
228702	Bearing, Transmission	1	
216979	Bearing, Transmission	1	
216979	Bearing, Transmission	1	
228702	Bearing, Transmission	1	
228711	Cone, Bearing, Transmission	1	
228712	Cup, Bearing, Transmission	1	
228724	Cup, Bearing, Transmission	1	
228725	Cone, Bearing, Transmission	1	
228726	Bearing, Transmission	1	
217008	Bearing, Transmission	1	
217008	Bearing, Transmission	1	
228726	Bearing, Transmission	1	

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Bearings

Allied P/N	Description	Quantity on Machine	Order Quantity
217014	Cone, Bearing, Transmission	1	
217014	Bearing Cone, Transmission	1	
217013	Bearing Cup, Transmission	1	
228746	Bearing, Transmission	1	
228747	Bearing Cup, Transmission	1	
R238483	Bearing, Transmission	1	
228750	Bearing, Transmission	1	
228750	Bearing Cone, Transmission	1	
238102	Bearing Cup, Transmission	1	
222872	Bearing Cup, Transmission	1	
222871	Bearing Cone, Transmission	1	
228746	Bearing Cone, Transmission	1	
227821	Bearing Cup, Transmission	1	
238102	Bearing Cup, Transmission	1	
228750	Bearing Cone, Transmission	1	
212506	Bearing, Converter	1	
212489	Bearing, Converter	1	
212491	Bearing, Converter	1	
212470	Bearing Cup, Converter	1	
212469	Bearing Cone, Converter	1	
212434	Bearing Cone, Converter	1	
203110	Bearing Cup, Converter	1	
212521	Bearing, Converter	1	
212432	Bearing Cup, Converter	1	
212448	Bearing Cone, Converter	1	
212434	Bearing Cone, Converter	1	
203110	Bearing Cup, Converter	1	
243304	Bearing Cup, Seat Installation	2	
243305	Bearing Cone, Seat Installation	2	

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Rebuild Kits/Components

Allied P/N	Description	Quantity on Machine	Order Quantity
587619	Service Kit, Converter	1	
257099	Kit, Flexplate	1	
587623	Service Kit, Transmission	1	
214939	Internal Gear & Hub Assembly, Front Axle	1	
219240	Hub And Cup Assembly, Front Axle	1	
587563	Service Kit, Front Axle	1	
217706	Ring & Pinion Set, Front Axle Diff	1	
240444	Pinion & Side Gear Kit, Front Axle Diff	1	
240454	Case Kit, Front Axle Diff	1	
584264	Service Kit, Front Axle Diff	1	
587562	Service Kit, Front Axle Planetary	2	
566408	Service Kit, Steering Cylinder	2	
533670	Service Kit, Hoist Cylinder	2	
568937	Service Kit, Tilt Cylinder	2	
518924	Service Kit, HD/KO/Aux HD Cylinder	6	
244026	Roller Kit, Electronic Throttle Pedal	1	
247843	Sensor Kit, Electronic Throttle Pedal	1	
244028	Treadle Pin Kit, Electronic Throttle Pedal	1	
234815	Seal Kit, Steering Control Unit	1	
251100	Service Kit, Hoist/Tilt Valve	1	
251101	Seal Kit, Hoist/Tilt Valve	1	
251102	Seal Kit, Hoist/Tilt Valve	1	
234639	Service Kit, Steering Flow Amplifier	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	
588585	Seal Kit, HD/KO Valve	2	
588587	Seal & Spring Kit, HD/KO Valve	2	
588588	Seal & Spring Kit, HD/KO Valve	12	

Suggested Spares Guide L90F-622**Hose Kits**

Allied P/N	Description	Quantity on Machine	Order Quantity
589262	Hose Kit, for Boom Assy 588085	1	
589263	Hose Kit, for Hyd Sys-Carriage 588092	1	
589264	Hose Kit, for Radiator Instl 588095	1	
589265	Hose Kit, for Fuel System, Cat Eng 587329	1	
589266	Hose Kit, for Hyd Sys-Chassis 588100	1	
589267	Hose Kit, for Hyd Sys-Strg 587545	1	
589268	Hose Kit, for Hyd Sys-Hoist & Tilt 583191	1	
589269	Hose Kit, for Valve Plate Assy 588101	1	
589270	Hose Kit, for Hyd Sys-Trans 588102	1	
589271	Hose Kit, for Hyd Sys-Brakes 588103	1	
589272	Hose Kit, for Fire Suppression Sys 588104	1	
589273	Hose Kit, for Air Cond/Heater/Comp 588105	1	
590469	Hose Kit, for Hyd Sys-Seat 588643	1	
589275	Hose Kit, for Hyd Sys, Seat To Blkhd, L90F-622 589201	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. Always refer to manufactures (e.g. engine, transmission, converter) maintenance manual before performing any maintenance.

Before Starting Engine, Check the Following:				
Ref	Component	OK	NO	ADD
1	ENGINE (Check oil level - check for leaks. Check crankcase breather tube for sludge, ice)			
2	FUEL-WATER SEPARATOR (Drain into container, dispose of according to local regulations)			
3	BELTS (Check tension - check for damage - change as required)			
4	HYDRAULIC TANK (Check oil level - check for leaks)			
5	RADIATOR & OIL COOLER (Check coolant level - check for leaks; are fins clean and unobstructed?)			
6	AIR CLEANER/INTAKE SYSTEM, CHARGE-AIR PIPING (Check indicator - clean / change element as required, empty dust cup, check for leaks / damage. Check all piping and hoses for leaks, holes, cracks, or loose connections)			
7	COOLING FAN (Check for cracks, loose rivets, and bent or loose blades - securely mounted)			
8	WHEELS & TIRES (Check condition and pressure)			
9	AIR TANK (Check drain valves for correct operation)			
10	LUBRICATE CHASSIS (Refer to lube chart)			
11	WALK AROUND INSPECTION OF STRUCTURE (Check welds, leaks, damaged components, etc...)			
12	FIRE SAFETY CHECK (Check for accumulated debris in engine compartment, etc)			
13	FIRE SUPPRESSION SYSTEMS (Verify certifications are current)			

After Starting Engine, Check the Following:				
Ref	Component	OK	NO	ADD
14	ENGINE (Does it sound normal?)			
15	INSTRUMENTS (Check for normal readings)			
16	CONTROLS (Check for normal operation)			
17	EXHAUST SYSTEM (Check for leaks and excessive smoke)			
18	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 L90F
 SERIAL No 047626
 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	OK <input type="checkbox"/>	Repair <input type="checkbox"/>
3	Check wear indicator on wet disk brakes	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"/>
8	Drain, flush and fill planetaries/differential carrier assembly (First 50 Hrs Only)	OK <input type="checkbox"/>	No <input type="checkbox"/>

Consumables

Allied P/N	Description	Quantity Required for this Interval
219374	Grease, Mobilgrease XHP 222 Special	As Required
238206	Transmission Fluid, Mobil 424	As Required
219371	Hydraulic Oil; Mobil DTE 10 Excel 32	As Required
236077	Engine Oil	As Required
235720	Drive Axle Gear Oil	As Required

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL L90F _____

SERIAL No 047626 _____

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 & filters	OK <input type="checkbox"/>	No <input type="checkbox"/>
4	Check supplemental coolant additive concentration	OK <input type="checkbox"/>	No <input type="checkbox"/>
5	Change fuel filter	OK <input type="checkbox"/>	OK <input type="checkbox"/>
6	Check antifreeze concentration	OK <input type="checkbox"/>	No <input type="checkbox"/>
7	Check fuel filter restriction, replace as necessary (spin-on type)	OK <input type="checkbox"/>	No <input type="checkbox"/>
8	Check axle differential oil level	OK <input type="checkbox"/>	Add <input type="checkbox"/>
9	Check axle planetary oil level	OK <input type="checkbox"/>	Add <input type="checkbox"/>
10	Change coolant filter	OK <input type="checkbox"/>	No <input type="checkbox"/>
11	Check all hydraulic pressures and record	OK <input type="checkbox"/>	No <input type="checkbox"/>

Consumables

Allied P/N	Description	Quantity Required for this Interval
236077	Engine oil	10 Gallons
588563	Engine oil filter	1
588564	Fuel filter	1
252945	Filter, coolant	1

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL L90F _____

SERIAL No 047626 _____

HOUR METER _____

Every 500 Hours or Quarterly

Checklist

1	Repeat the 250 hour check and consumables	OK <input type="checkbox"/>	No <input type="checkbox"/>
2	Change hydraulic filters	OK <input type="checkbox"/>	No <input type="checkbox"/>
3	Change transmission filters	OK <input type="checkbox"/>	No <input type="checkbox"/>
4	Take oil samples from transmission, axle, and hydraulic system for analysis	OK <input type="checkbox"/>	No <input type="checkbox"/>
5	Check Accumulator pre-charge pressure	OK <input type="checkbox"/>	No <input type="checkbox"/>

Consumables

Allied P/N	Description	Quantity Required for this Interval
243458	Return filter elements	2
588192	Filter service kit, 40 GPM Hyd filter	1
588191	Filter service kit, 100 GPM Hyd filter	3
247429	Transmission filter element	2
253696	Transmission strainer element	1

MECHANIC _____
 SUPERVISOR _____
 DATE _____
 MODEL L90F _____
 SERIAL No 047626 _____
 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 (Change coolant filter 1500 hrs/1 Year - Cummins)	OK <input type="checkbox"/>	No <input type="checkbox"/>
4	Check pins and bushings for wear	OK <input type="checkbox"/>	No <input type="checkbox"/>
5	Change pressurizer filters	OK <input type="checkbox"/>	No <input type="checkbox"/>
6	Steam clean machine, inspect for structural cracks	OK <input type="checkbox"/>	No <input type="checkbox"/>
7	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
238206	Transmission fluid, Mobil 424	20 Gallons
221340	Anti-Freeze, premix 50/50	24 Gallons
258699	Filter, pressurizer high capacity	1
259015	Filter, pressurizer high efficiency	1

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL L90F _____

SERIAL No 047626 _____

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 differential	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	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	Drive Axle Gear Oil	17 Gallons
219371	Hydraulic oil; Mobil DTE 10 Excel 32	550 Gallons

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL L90F _____

SERIAL No 047626 _____

HOUR METER _____

Major Overhaul

Checklist

1	Replace all hydraulic hoses	OK <input type="checkbox"/>	No <input type="checkbox"/>
2	Rebuild drive axle	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"/>

Kits

Allied P/N	Description	Quantity Required for this Interval
589262	Hose Kit, for Boom Assy 588085	1
589263	Hose Kit, for Hyd Sys-Carriage 588092	1
589264	Hose Kit, for Radiator Instl 588095	1
589265	Hose Kit, for Fuel System, Cat Eng 587329	1
589266	Hose Kit, for Hyd Sys-Chassis 588100	1
589267	Hose Kit, for Hyd Sys-Strg 587545	1
589268	Hose Kit, for Hyd Sys-Hoist & Tilt 583191	1
589269	Hose Kit, for Valve Plate Assy 588101	1
589270	Hose Kit, for Hyd Sys-Trans 588102	1
589271	Hose Kit, for Hyd Sys-Brakes 588103	1
589272	Hose Kit, for Fire Suppression Sys 588104	1
589273	Hose Kit, for Air Cond/Heater/Comp 588105	1
589274	Hose Kit, for Hyd Sys-Seat 588643	1
589275	Hose Kit, for Hyd Sys, Seat To Blkhd, 589201	1
587619	Service Kit, Converter	1
257099	Kit, Flexplate	1
587623	Service Kit, Transmission	1
214939	Internal Gear & Hub Assembly, Front Axle	1
219240	Hub And Cup Assembly, Front Axle	1
587563	Service Kit, Front Axle	1
217706	Ring & Pinion Set, Front Axle Diff	1
240444	Pinion & Side Gear Kit, Front Axle Diff	1
240454	Case Kit, Front Axle Diff	1
584264	Service Kit, Front Axle Diff	1
587562	Service Kit, Front Axle Planetary	2
566408	Service Kit, Steering Cylinder	2
533670	Service Kit, Hoist Cylinder	2
568937	Service Kit, Tilt Cylinder	2
518924	Service Kit, HD/KO/Aux HD Cylinder	6
251100	Service Kit, Hoist/Tilt Valve	1

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL L90F _____

SERIAL No 047626 _____

HOUR METER _____