

Suggested Spares Guide L100F-337

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

Allied P/N	Description	Section in Parts Manual	Where Used	On-Hand Quantity (Recommended)	Order Quantity
219374	Grease		Various	20 Gallons	
238206	Transmission Fluid	3-2	247471	60 Gallons	
	Hydraulic Oil	8-1	588700	540 Gallons	
236077	Engine Oil	2-1	588709	110 Gallons	
235720	Drive Axle Gear Oil	3-4	584609	75 Gallons	
221340	Anti-Freeze, Premix 50/50	2-6	589438	24 Gallons	
226990	Air Cleaner Primary Element	2-5	226636	4	
226991	Air Cleaner Safety Element	2-5	226636	2	
587565	Engine Oil Filter	2-1	588709	8	
225556	Water Treatment Element	2-1	588709	8	
587568	Fuel Filter Element	2-1	588709	16	
588188	Fuel/Water Separator	2-1	588709	8	
243458	Return Filter Elements	5-1	589534	8	
588192	Service Kit, 40 GPM Hyd Filter	5-5	587036	4	
588191	Service Kit, 100 GPM Hyd Filter	5-5	587385	12	
247429	Transmission Filter Element	3-2	588713	8	
253696	Transmission Strainer Element	3-2	588713	4	
590103	V-Belt, Fan Drive (set of 3)	2-1	588709	1	
590104	V-Belt, Alternator	2-1	588709	1	
229740	Brake Linings, Parking Brakes	4-5	244409	4	

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Electrical

Allied P/N	Description	Section in Parts Book	Where Used	Quantity on Machine	Order Quantity
22635	Diode; Shift Valve Module	3-2	578293	5	
	Diode; Panel Assembly Terminal	7-2	588707	3	
251107	Lamp, Yellow LED; Panel Assembly Instrument	7-2	588706	1	
251106	Lamp, Green LED; Panel Assembly Instrument	7-2	588706	12	
249692	Display Module; Panel Assembly Instrument	7-2	588706	1	
259220	Horn, 24 Vdc; Cab Assembly	7-1	587453	1	
234739	Dimmer Switch, 17W; Panel Assembly Instrument	7-2	588706	1	
247209	Terminal Block; Cowl Assembly	7-2	589581	8	
585823	Programmed PLC; Panel Assembly Terminal	7-2	588707	1	
R10547	Buzzer; Panel Assembly Terminal	7-2	588707	1	
242950	Fuse, Panel Assembly Terminal	7-2	588707	16	
238891	Relay; Panel Assembly Terminal	7-2	588707	5	
	Relay; Junction Box Assembly	6-2	586812	2	
229301	Relay; Air Conditioner/Heater	7-2	588707	3	
232908	Relay; Air Conditioning Installation	7-3	587468	1	
	Relay; Panel Assembly Terminal	7-2	588707	3	
235217	Connector, Female; Panel Assembly Instrument	7-2	588706	68	
ELC7531010	Potentiometer; Panel Assembly Instrument	7-2	588706	1	
223062	Circuit Breaker, 2 AMP; Panel Assembly Terminal	7-2	588707	1	
223065	Circuit Breaker, 5 AMP; Panel Assembly Terminal	7-2	588707	3	
229306	Circuit Breaker, 10 AMP; Panel Assembly Terminal	7-2	588707	8	
223067	Circuit Breaker, 15 AMP; Panel Assembly Terminal	7-2	588707	6	
223377	Circuit Breaker, 20 AMP; Panel Assembly Terminal	7-2	588707	1	
223063	Circuit Breaker, 3 AMP; Panel Assembly Terminal	7-2	588707	1	
202889	Switch, Oil Press; Power Unit	2-1	588708	1	
251533	Compressor; Cowl Assembly	7-1	588704	1	
200220	Battery, 12V; Chassis Wiring	6-1	588712	2	
249106	Switch, Battery Disconnect; Chassis Wiring	6-1	588712	1	
230729	Sending Unit; Chassis Wiring	6-1	588712	1	
586918	Sender, Oil Temp; Valve Module	5-3	589351	1	
581682	Cord Assy; Junction Box Assembly	6-2	586812	8	
229808	Cord Assy; Junction Box Assembly	6-2	586812	1	
208788	Cord Assy; Air Conditioner	7-3	587468	1	
222403	Cord Assy; Air Conditioner	7-3	587468	1	
587175	Cord Assy; Heater, Hydraulic Tank-Long	5-6	550356	1	
587656	Wire Harness; Trans To Cab	6-1	588712	1	
587657	Wire Harness; Under Cab To Cab	6-1	588712	1	
589871	Wire Harness; Hyd Filters To Cab	6-1	588712	1	
587659	Wire Harness; Valve Plate To Cab	6-1	588712	1	

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Electrical (Continued)

Allied P/N	Description	Section in Parts Book	Where Used	Quantity on Machine	Order Quantity
587660	Wire Harness, Lights; Chassis Wiring	6-1	588712	1	
587661	Wire Harness; Rear Of Chassis To Cab	6-1	588712	1	
587622	Wire Harness; Front Of Chassis To Cab	6-1	588712	1	
587655	Wire Harness; Eng Access To Cab	6-1	588712	1	
252418	Pedal Assy; Cowl Assembly	7-2	588704	1	
207155	Switch, Ignition W/Keys; Cowl Assembly	7-2	588704	1	
234264	Control Unit; Panel Assembly Instrument	7-2	588706	1	
259080	Floodlight; Lights Installation Carriage	6-2	586167	2	
	Floodlight; Reverse Alarm	6-1	586163	1	
	Floodlight; Light Bar Installation	6-2	587585	4	
	Floodlight; Cab Assembly	7-1	587453	4	
R19361	Alarm; Reverse Alarm Assembly	6-1	586163	1	
587345	Fan/Motor Assy; Cooler, Hydraulic Oil	5-6	258300	1	
239036	Motor; AC/Heater Assembly	7-3	238382	1	
254962	Connector, ECM; Cowl Assembly	7-2	588704	1	
247681	Motor Assembly; Wiper Assembly	7-3	579756	2	
229811	Lamp, Dome Light; Cab Assembly	7-1	587453	1	
251325	Gauge, Engine Oil Press; Panel Assembly Instrument	7-2	588706	1	
249693	Gauge, Engine Coolant; Panel Assembly Instrument	7-2	588706	1	
251329	Gauge, Tach; Panel Assembly Instrument	7-2	588706	1	
254935	Gauge, Aux Oil Press; Panel Assembly Instrument	7-2	588706	1	
254934	Gauge, Aux Oil Temp; Panel Assembly Instrument	7-2	588706	1	
586917	Gauge, Oil Temp; Panel Assembly Instrument	7-2	588706	1	
258707	Gauge, Fuel Level; Panel Assembly Instrument	7-2	588706	1	
589387	Gauge, Speedometer; Panel Assembly Instrument	7-2	588706	1	
251326	Gauge, Voltmeter; Panel Assembly Instrument	7-2	588706	1	
255254	Alarm, Audible; Panel Assembly Instrument	7-2	588706	1	
588433	Yellow LED; Panel Assembly Instrument	7-2	588706	6	
588432	Green LED; Panel Assembly Instrument	7-2	588706	6	
588431	Red LED; Panel Assembly Instrument	7-2	588706	2	
GAG0001133	Hour Meter; Panel Assembly Instrument	7-2	588706	1	
236489	Switch, Wiper; Panel Assembly Instrument	7-2	588706	2	
236488	Switch, On/Off/On; Panel Assembly Instrument	7-2	588706	2	
237688	Switch, On/Off; Panel Assembly Instrument	7-2	588706	4	
234736	Switch, On/Off; Panel Assembly Instrument	7-2	588706	5	
234508	. Socket	7-2	588706	1	
236901	. . Bulb	7-2	588706	1	

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Miscellaneous Parts / Seals

Allied P/N	Description	Section in Parts Book	Where Used	Quantity on Machine	Order Quantity
224744	Breather, Hydraulic Tank; Chassis Assembly	8-1	588700	1	
562966	Dipstick, Hydraulic Tank; Chassis Assembly	8-1	588700	1	
203037	Molding, Locking Key (Window Molding); Cab	7-1	587453	81'	
200326	Molding, Self Lock (Window Molding); Cab	7-1	587453	81'	
235038	Weather Strip; Cab Assembly	7-1	587453	11'	
215096	Belt, Safety; Cowl Assembly	7-1	588704	1	
240259	Kit, Seatbelt Hardware; Cowl Assembly	7-1	588704	1	
581673	Dipstick, Engine Oil; Power Unit	2-3	581671	1	
226184	Gasket, Pump Mounting; Power Unit	2-1	588708	1	
505499	Gasket, Pump Mounting; Power Unit	2-1	588708	2	
203519	O-Ring; Valve Module	5-3	589351	4	
R10664	O-Ring; Power Unit	2-1	588708	1	
R10663	O-Ring; Power Unit	2-1	588708	1	
R12968265	Cap; Radiator Installation	2-6	588720	1	
243652	Tube; Radiator	2-6	590198	254	
250669	Seal, Locking; Radiator	2-6	590198	254	
250670	Seal; Radiator	2-6	590198	254	
590742	Tube; Aftercooler	2-6	590199	127	
226663	Grommet; Aftercooler	2-6	590199	127	
226664	Grommet; Aftercooler	2-6	590199	127	
227988	Filler Breather; Fuel System	2-4	589537	1	
226793	Rubber Elbow (90DEG, 8" - 7" ID); Air Intake	2-5	588710	1	
208234	Rubber Elbow (90DEG, 7" ID); Air Intake	2-5	588710	1	
224226	Rubber Elbow (45DEG, 7" ID); Air Intake	2-5	588710	1	
228425	Rubber Elbow (45DEG, 7" - 6" ID); Air Intake	2-5	588710	1	
214766	Dipstick; Transmission	3-2	247471	1	
214464	Seal; Tailpost	3-4	574669	1	
203564	O-Ring; Tailpost	3-4	574669	2	
208870	Seal; Tailpost	3-4	574669	2	
508834	Seal, Race; Tailpost	3-4	574669	2	
574679	Gasket; Tailpost	3-4	574669	2	
200268	Breather; Front Axle	3-4	584609	1	
250655	Bellows; Joystick	7-2	250367	1	
249617	Bellows; Joystick	7-2	249361	1	
215403	Cross Assembly For Driveline	3-3	250400	2	
250090	Cross Assembly For Driveline	3-3	249953	2	
212052	Fire Extinguisher	1-1	588717	2	

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Safety Stock

Allied P/N	Description	Section in Parts Book	Where Used	Quantity on Machine	Order Quantity
590197	After Treatment Regeneration Device (ARD) Spark Plugs	2-1	588709	1	
256298	Converter W/Flex Plate; Power Unit	2-1	588708	1	
254840	Pump, LH Implements; Power Unit	2-1	588708	1	
254839	Pump, RH Implements; Power Unit	2-1	588708	1	
255117	Pump, Tandem, Rear- Brake Cooling Front- Pilot Brake	2-1	588708	1	
249425	Pump, Transmission Fan Cooler; Power Unit	2-1	588708	1	
245520	Pump, Steering; Power Unit	2-1	588708	1	
247471	Transmission; Transmission Installation	3-2	579954	1	
580700	Differential & Carrier Assy; Axle W/Brakes	3-4	584609	1	
547338	Axle Shaft; Axle W/Brakes	3-4	584609	2	
211953	Planet Carrier Assembly; Axle W/Brakes	3-4	249162	2	
250400	Driveline Assembly; Driveline Installation	3-1	580681	1	
249953	Driveline Assembly; Driveline Installation	3-1	580681	1	
550431	Cylinder Assembly, HD; Carriage Assembly	5-4	589342	2	
534397	Cylinder Assembly, KO; Carriage Assembly	5-4	589342	2	
569848	Cylinder Assy, Steering; Cylinder List Steering	5-4	W10970	2	
566999	Cylinder Assy, Hoist; Cylinder Installation Hoist	5-4	572755	2	
588824	Cylinder Assy, Tilt; Cylinder Installation Tilt	5-4	588828	2	
589438	Radiator/CAC; Radiator Installation	2-6	588720	1	
250637	Valve, Hoist & Tilt; Valve Module	5-3	589351	1	
234082	Valve, Flow Amplifier; Valve Module	5-3	589351	1	
587576	Valve, Holddown & Kickoff; Valve Module	5-3	589351	2	

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Bushings and Pins

Allied P/N	Description	Section in Parts Book	Where Used	Quantity on Machine	Order Quantity
565068	Pin; Tine	8-1	589342	2	
560848	Pin; HD Cylinder Base End	8-1	589342	4	
505841	Pin; HD Cylinder Rod End	8-1	589342	4	
563280	Pin; Locking F/Tilt Cylinder	8-1	589342	4	
561170	Bushing; Tilt Cylinder Pin	8-1	589342	2	
505206	Bushing; HD Cylinder Base End	5-4	550431	4	
505603	Bushing; HD Cylinder Rod End	5-4	550431	2	
534117	Bushing; HD Arm	8-1	589342	2	
534121	Pin; HD Arm	8-1	589342	4	
560848	Pin; KO Cylinder Base End	8-1	589342	4	
505841	Pin; KO Cylinder Rod End	8-1	589342	4	
505206	Bushing; KO Cylinder Base End	5-4	534397	4	
505603	Bushing; KO Cylinder Rod End	5-4	534397	2	
534117	Bushing; KO Arm	8-1	589342	4	
534121	Pin; KO Arm	8-1	589342	4	
562940	Pin; Tilt Cylinder to Chassis	5-4	588828	2	
562851	Pin; Carriage to Boom	8-1	589342	1	
561170	Bushing; Carriage to Boom	8-1	588702	6	
562852	Pin; Carriage to Tilt Cylinder	8-1	589342	1	
565059	Bushing; Cylinder Anchor Plate at Tilt Cylinder	5-4	588828	2	
563700	Pin; Cylinder Anchor Plate at Chassis	8-1	588700	2	
563504	Pin; Boom to Chassis	8-1	588702	1	
561170	Bushing; Boom to Chassis	8-1	588702	2	
572737	Pin; Hoist Cylinder to Chassis	5-4	572755	2	
566920	Pin; Hoist Cylinder to Boom	8-1	588702	1	
561170	Bushing; Hoist Cylinder Rod to Boom	8-1	588702	2	
573209	Bushing; Hoist Cylinder Base End	5-4	572755	4	
500290	Pin; Steering Cylinder Base End	5-4	W10970	2	
505350	Bushing; Steering Cylinder Base End	5-4	569848	4	
570332	Bushing; Chassis, Pivot Weldment	8-1	588700	2	

Suggested Spares Guide L00F-337**Tines and Arms**

Allied P/N	Description	Section in Parts Book	Where Used	Quantity on Machine	Order Quantity
562796	Holddown Arm	8-1	589342	2	
562706	Kickoff Arm	8-1	589342	2	
589343	Tines	8-1	589342	2	

Bearings					
Allied P/N	Description	Section in Parts Book	Where Used	Quantity on Machine	Order Quantity
214471	Bearing Cup; Tailpost	3-4	574669	1	
234204	Bearing Cone; Tailpost	3-4	574669	1	
204603	Bearing Cone; Tailpost	3-4	574669	2	
212198	Bearing Cup; Tailpost	3-4	574669	1	
212199	Bearing Cone; Tailpost	3-4	574669	1	
240839	Bearing Cone; Tailpost	3-4	574669	2	
216146	Bearing Cone; Wheel End And Differential Kit	3-4	249162	2	
201143	Bearing Cup; Front Drive Axle	3-4	584609	2	
201148	Bearing Cone; Wheel End And Differential Kit	3-4	249162	2	
216147	Bearing Cup; Front Drive Axle	3-4	584609	2	
201145	Bearing; Differential & Carrier	3-4	580700	1	
201139	Bearing Cone; Differential & Carrier	3-4	580700	2	
201138	Bearing Cup; Differential & Carrier	3-4	580700	2	
217703	Bearing Cone; Differential & Carrier	3-4	580700	1	
217702	Bearing Cup; Differential & Carrier	3-4	580700	1	
201141	Bearing Cup; Differential & Carrier	3-4	580700	1	
213645	Bearing Cone; Differential & Carrier	3-4	580700	1	
247036	Bearing; Transmission	3-2	247471	1	
212247	Bearing; Transmission	3-2	247471	2	
247036	Bearing; Transmission	3-2	247471	1	
247041	Bearing; Transmission	3-2	247471	1	
247045	Bearing Cup; Transmission	3-2	247471	2	
247046	Bearing Cone; Transmission	3-2	247471	2	
212272	Bearing; Transmission	3-2	247471	2	
240238	Bearing, Roller; Transmission	3-2	247471	1	
222872	Bearing Cup; Transmission	3-2	247471	1	
222871	Bearing Cone; Transmission	3-2	247471	1	
219769	Bearing Cone; Transmission	3-2	247471	1	
202852	Bearing Cup; Transmission	3-2	247471	1	
219772	Bearing Cup; Transmission	3-2	247471	1	
219773	Bearing Cone; Transmission	3-2	247471	1	

Bearings

Allied P/N	Description	Section in Parts Book	Where Used	Quantity on Machine	Order Quantity
240238	Bearing, Roller; Transmission	3-2	247471	2	
222872	Bearing Cup; Transmission	3-2	247471	2	
222871	Bearing Cone; Transmission	3-2	247471	2	
212289	Bearing Cone; Transmission	3-2	247471	1	
206540	Bearing Cup; Transmission	3-2	247471	2	
240157	Bearing; Transmission	3-2	247471	1	
R7019578	Bearing; Transmission	3-2	247471	1	
212506	Bearing; Converter	3-2	256298	1	
212489	Bearing; Converter	3-2	256298	1	
212491	Bearing; Converter	3-2	256298	1	
212470	Bearing Cup; Converter	3-2	256298	1	
212469	Bearing Cone; Converter	3-2	256298	1	
212434	Bearing Cone; Converter	3-2	256298	2	
203110	Bearing Cup; Converter	3-2	256298	2	
212521	Bearing; Converter	3-2	256298	1	
212432	Bearing Cup; Converter	3-2	256298	1	
212448	Bearing Cone; Converter	3-2	256298	1	
212434	Bearing Cone; Converter	3-2	256298	2	
203110	Bearing Cup; Converter	3-2	256298	2	
225391	Bearing Cup; Wheels Rear	3-5	574681	2	
204602	Bearing Cup; Wheels Rear	3-5	574681	2	
204502	Bearing; Steering Cylinder Rod End Spherical	5-4	569848	2	

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Rebuild Kits/Components

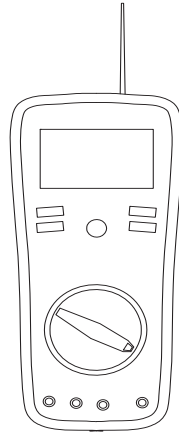
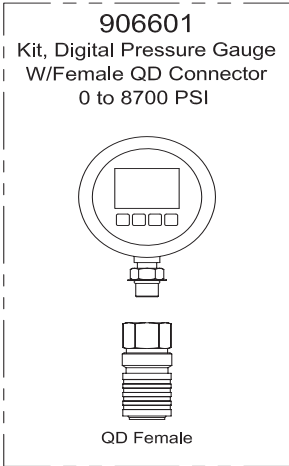
Allied P/N	Description	Section in Parts Book	Where Used	Quantity on Machine	Order Quantity
570774	Service Kit; Converter	3-2	256298	1	
257100	Kit, Flexplate; Power Unit	2-1	588708	1	
583010	Service Kit; Transmission	3-2	247471	1	
249162	Internal Gear & Hub Assembly; Front Drive Axle	3-4	584609	1	
217706	Ring & Pinion Set; Differential	3-4	580700	1	
240444	Pinion & Side Gear Kit; Differential	3-4	580700	1	
240454	Case Kit; Differential	3-4	580700	1	
584264	Service Kit; Differential	3-4	580700	1	
587562	Service Kit; Planet Carrier Assembly	3-4	211953	2	
566408	Service Kit; Steering Cylinder	5-4	569848	2	
566401	Service Kit; Hoist Cylinder	5-4	566999	2	
568937	Service Kit; Tilt Cylinder	5-4	588824	2	
244026	Roller Kit; Electronic Throttle Pedal	7-2	252418	1	
244027	Sensor Kit; Electronic Throttle Pedal	7-2	252418	1	
244028	Treadle Pin Kit; Electronic Throttle Pedal	7-2	252418	1	
234815	Seal Kit; Steering Control Unit	5-3	234081	1	
251100	Service Kit; Hoist/Tilt Valve	5-3	250637	1	
251101	Seal Kit; Hoist/Tilt Valve	5-3	250637	1	
251102	Seal Kit; Hoist/Tilt Valve	5-3	250637	1	
234639	Service Kit; Steering Flow Amplifier	5-3	234082	1	
588312	Seal Kit; HD/KO Valve	5-3	587576	2	
590196	Kit; Fuel Pump W/ Seals	2-1	588709	1	

Suggested Spares Guide L100F-337**Hose Kits**

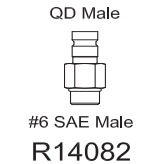
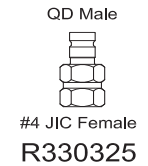
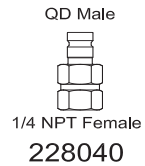
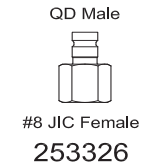
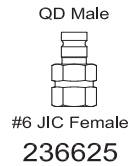
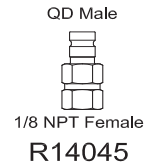
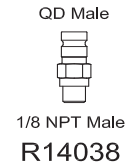
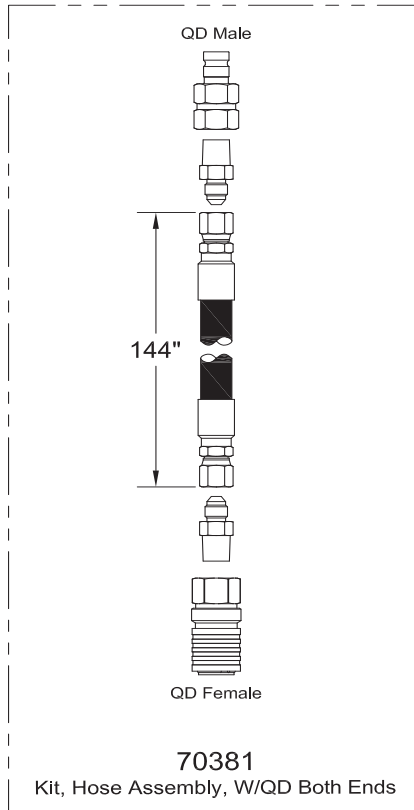
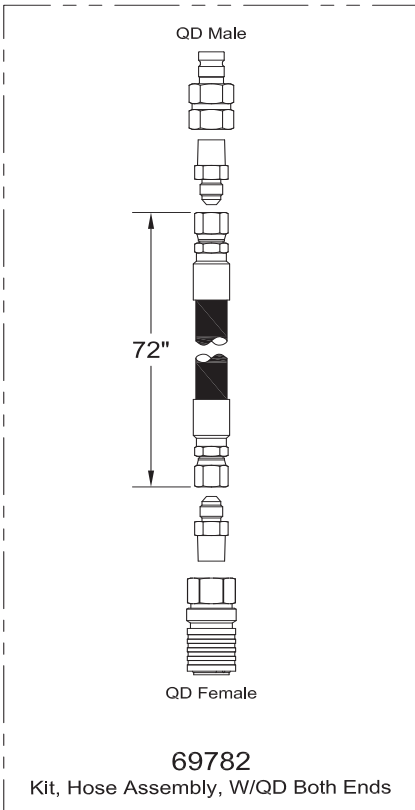
Allied P/N	Description	Section in Parts Book	Where Used	Quantity on Machine	Order Quantity
590731	Hose Kit; Boom Assembly	8-1	588702	1	
590118	Hose Kit; Hydraulic System-Carriage	5-1	588703	1	
590119	Hose Kit; Radiator Installation	2-6	588720	1	
590120	Hose Kit; Fuel System	2-4	589537	1	
590121	Hose Kit; Hydraulic System-Chassis	5-1	588534	1	
589267	Hose Kit; Hydraulic System-Steering	5-1	587545	1	
590122	Hose Kit; Hydraulic System-Hoist & Tilt	5-1	589729	1	
590123	Hose Kit; Valve Module Assembly	5-3	589351	1	
590124	Hose Kit; Transmission Circuit	3-2	588713	1	
590125	Hose Kit; Hydraulic System-Brakes	4-1	588742	1	
590126	Hose Kit; Fire Suppression System	9-1	589895	1	
588638	Hose Kit; Air Cond/Heater/Comp	7-3	587468	1	
590128	Hose Kit; Controls-Seat	5-1	588715	1	
234245	Hose Kit; Cab	7-1	587453	1	
590129	Hose Kit; Lube System Carriage	9-1	589623	1	
244120	Hose Kit; Air-Intake	2-5	588710	1	

Diagnostic Tools

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



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



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	
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	
588530	3/8DR 6mm-19mm 12 Point	1	
588529	1/2DR 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	

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	

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)			
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 L100F _____

SERIAL No 106337 _____

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 wheel lug nuts and studs mechanically	OK <input type="checkbox"/>	Repair <input type="checkbox"/>
4	Check battery electrolyte level	OK <input type="checkbox"/>	Add <input type="checkbox"/>
5	Lubricate chassis	OK <input type="checkbox"/>	No <input type="checkbox"/>
6	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	Section in Parts Book	Where Used	Quantity Required for this Interval
219374	Grease; Mobilgrease XHP 222 Special		Various	As Required
238206	Transmission Fluid Mobil 424	3-2	247471	As Required
	Oil, Hydraulic Oil Mobil 424	8-1	588700	As Required
236077	Engine Oil	2-1	588709	As Required
235720	Drive Axle Gear Oil	3-4	584609	As Required

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL L100F _____

SERIAL No 106337 _____

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 axle differential oil level	OK <input type="checkbox"/>	Add <input type="checkbox"/>
5	Change Fuel Filters	OK <input type="checkbox"/>	Add <input type="checkbox"/>
6	Check axle planetary oil level	OK <input type="checkbox"/>	Add <input type="checkbox"/>
7	Change water treatment element	OK <input type="checkbox"/>	No <input type="checkbox"/>
8	Check all hydraulic pressures and record	OK <input type="checkbox"/>	No <input type="checkbox"/>
9	Check fire suppression actuator	OK <input type="checkbox"/>	No <input type="checkbox"/>
10	Inspect brake system & components	OK <input type="checkbox"/>	No <input type="checkbox"/>
11	Check and adjust the parking brake (if required)	OK <input type="checkbox"/>	No <input type="checkbox"/>

Consumables

Allied P/N	Description	Section in Parts Book	Where Used	Quantity Required for this Interval
236077	Engine Oil	2-1	588709	10 Gallons
587565	Engine Oil Filter	2-1	588709	1
587568	Engine Fuel Filter	2-1	588709	2
588188	Fuel/Water Separator	2-1	588709	1
225556	Water Treatment Element	2-1	588709	1

MECHANIC _____

SUPERVISOR _____

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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 filters	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	Check Accumulator pre-charge pressure	OK <input type="checkbox"/>	No <input type="checkbox"/>

Consumables				
Allied P/N	Description	Section in Parts Book	Where Used	Quantity Required for this Interval
243458	Return Filter Elements	5-1	589534	2
588192	Filter Service Kit; 40 GPM Hyd Filter	5-5	587385	1
588191	Filter Service Kit; 100 GPM Hyd Filter	5-5	587385	3
247429	Transmission Filter Element	3-2	588713	2
253696	Transmission Strainer Element	3-2	588713	1

MECHANIC _____

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MODEL L100F _____

SERIAL No 106337 _____

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	Section in Parts Book	Where Used	Quantity Required for this Interval
238206	Transmission Fluid Mobil 424	3-2	247471	60 Gallons
221340	Anti-Freeze, Premix 50/50	2-6	589438	24 Gallons

MECHANIC _____

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DATE _____

MODEL L100F _____

SERIAL No 106337 _____

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	Check wheel bearing preload and adjust if necessary	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	Section in Parts Book	Where Used	Quantity Required for this Interval
235720	Drive Axle Gear Oil	3-4	584609	75 Gallons
238206	Hydraulic Oil Mobil 424	8-1	588700	540 Gallons

MECHANIC _____

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HOUR METER _____

Every 5,000 Hours

Checklist

1	Change ARD Spark Plugs	OK <input type="checkbox"/>	No <input type="checkbox"/>
2	Clean/Replace Diesel Particulate Filter (DPF) - Contact your local Caterpillar dealer.	OK <input type="checkbox"/>	No <input type="checkbox"/>
3	Change Fuel Priming Pump	OK <input type="checkbox"/>	No <input type="checkbox"/>

Consumables

Allied P/N	Description	Section in Parts Book	Where Used	Quantity Required for this Interval
590197	After Treatment Regeneration Device (ARD) Spark Plugs	2-1	588709	1
590196	Kit, Fuel Pump W/ Seals	2-1	588709	1

MECHANIC _____

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MODEL L100F _____

SERIAL No 106337 _____

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	Perform Non-Destructive Testing (NDT) on axle spindles and axle extension mount ring. Mark and rotate spindle 90°.	OK <input type="checkbox"/>	No <input type="checkbox"/>
4	Rebuild hydraulic cylinders	OK <input type="checkbox"/>	No <input type="checkbox"/>
5	Rebuild hydraulic valves	OK <input type="checkbox"/>	No <input type="checkbox"/>
6	Rebuild transmission	OK <input type="checkbox"/>	No <input type="checkbox"/>
7	Rebuild torque converter	OK <input type="checkbox"/>	No <input type="checkbox"/>

Consumables

Allied P/N	Description	Section in Parts Book	Where Used	Quantity Required for this Interval
227377	Hose Kit; Boom Assembly	8-1	588702	1
590118	Hose Kit; Hydraulic System-Carriage	5-1	588703	1
590119	Hose Kit; Radiator Installation	2-6	588720	1
590120	Hose Kit; Fuel System	2-4	589537	1
590121	Hose Kit; Hydraulic System-Chassis	5-1	588534	1
589267	Hose Kit; Hydraulic System-Steering	5-1	587545	1
590122	Hose Kit; Hydraulic System-Hoist & Tilt	5-1	589729	1
590123	Hose Kit; Valve Module Assembly	5-3	589351	1
590124	Hose Kit; Transmission Circuit	3-2	588713	1
590125	Hose Kit; Hydraulic System-Brakes	4-1	588742	1
590126	Hose Kit; Fire Suppression System	9-1	589895	1
590127	Hose Kit; Air Cond/Heater/Comp	7-3	587468	1
590128	Hose Kit; Controls-Seat	5-1	588715	1
234245	Hose Kit; Cab	7-1	587453	1
590129	Hose Kit; Lube System Carriage	9-1	589623	1
570774	Service Kit; Converter; Power Unit	3-2	256298	1
257100	Kit, Flexplate; Power Unit	2-1	588708	1
583010	Service Kit; Transmission	3-2	247471	1
249162	Internal Gear & Hub Assembly; Front Drive Axle	3-4	584609	1
217706	Ring & Pinion Set; Differential	3-4	580700	1
240444	Pinion & Side Gear Kit; Differential	3-4	580700	1
240454	Case Kit; Differential	3-4	580700	1
584264	Service Kit; Differential	3-4	580700	1

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL L100F

SERIAL No 106337

HOUR METER _____

Major Overhaul**Consumables**

Allied P/N	Description	Section in Parts Book	Where Used	Quantity Required for this Interval
587562	Service Kit; Planet Carrier Assembly	3-4	211953	2
566408	Service Kit; Steering Cylinder	5-4	569848	2
566401	Service Kit; Hoist Cylinder	5-4	566999	2
568937	Service Kit; Tilt Cylinder	5-4	588824	2
244026	Roller Kit; Electronic Throttle Pedal	7-2	252418	1
244027	Sensor Kit; Electronic Throttle Pedal	7-2	252418	1
244028	Treadle Pin Kit; Electronic Throttle Pedal	7-2	252418	1
234815	Seal Kit; Steering Control Unit	5-3	234081	1
251100	Service Kit; Hoist/Tilt Valve	5-3	250637	1
251101	Seal Kit; Hoist/Tilt Valve	5-3	250637	1
251102	Seal Kit; Hoist/Tilt Valve	5-3	250637	1
234639	Service Kit; Steering Flow Amplifier	5-3	234082	1
588312	Seal Kit; HD/KO Valve	5-3	587576	2

MECHANIC _____

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