

Suggested Stocking Guide L100F-333

Consumables (Approx 1 Year Supply*)

Allied P/N	Description	On-Hand Quantity (Recommended)
219374	Grease	20 Gallons
238206	Transmission Fluid	55 Gallons
219371	Hydraulic Oil	550 Gallons
236077	Engine Oil	110 Gallons
235720	Drive Axle Gear Oil	120 Lbs/~16 Gal
221340	Anti-Freeze, Premix 50/50	24 Gallons
226990	Air Cleaner Primary Element	4
226991	Air Cleaner Safety Element	2
587565	Engine Oil Filter	12
587566	Water Treatment Element	12
225549	Primary Fuel Filter Element	4
587568	Secondary Fuel Filter Element	4
243457	Return Filter Elements	8
570244	Service Kit, 40 GPM Hyd Filter	4
570245	Service Kit, 100 GPM Hyd Filter	12
247429	Transmission Filter Element	8
253696	Transmission Strainer Element	4
225544	V-Belt, Fan Drive	3
253023	V-Belt	1
587569	V-Belts, Set of 2, Alternator	1
236397	Brake Linings, Drive Axle	12

Miscellaneous Parts / Seals

Allied P/N	Description	Quantity on Machine
230463	Hydraulic Tank Breather Element	1
562966	Hydraulic Tank Dipstick	1
562468	Return Filter Cover Plate Gasket	1
226793	Elbow, Air Intake (Rubber)	1
243652	Tube, Radiator	254
250669	Seal, Locking (Radiator)	254
250670	Seal (Radiator)	254
250680	Tube, Aftercooler	127
226663	Grommet (Aftercooler)	127
226664	Grommet (Aftercooler)	127
230387	Rubber Boot, Rem. Control Valve	4
249617	Bellows, Remote Control Valve	1
231800	Seat Suspension	1
203541	O-Ring, HD/KO Pumps, Mounting	2
505499	Gasket, Steering Pump, Mounting	2
215403	Cross Assembly For Driveline	2
250090	Cross Assembly For Driveline	2
246776	O-Ring, Steering Pump Rear Face	1

Tools

Allied P/N	Description	On-Hand Quantity (Recommended)
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
214203	Gauge, 0-3000 psi	1

Electrical

Allied P/N	Description	Quantity on Machine
R13659	Work Light	11
236901	Bulb, 24v for Switch	6
251107	Lamp, 28v Yellow LED	2
251106	Lamp, 28v Green LED	11
251345	Lamp, 28v Red LED	1
249692	Display Module, Powerview	1
581960	Programmable Controller	1
242950	Fuse, 1 Amp	20
200220	Battery, 12v	2
249106	Battery Disconnect Switch	1

*Calculated at 2000 hours/year.

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Bushings and Pins

Allied P/N	Description	Quantity on Machine
505350	Steering Cyl Base End Bushing	2
500290	Steering Cyl Base End Pin	2
204502	Steering Cyl Rod End Bearing	2
501253	Steering Cyl Rod End Pin	2
573209	Hoist Cyl Base End Bushing	4
572737	Hoist Cyl Base End Pin	2
561170	Hoist Cyl Rod End Bushing	4
566920	Hoist Cyl Rod End Pin	1
565059	Tilt Cyl Base End Bushing	2
562940	Tilt Cyl Base End Pin	2
561170	Tilt Cyl Rod End Bushing	2
562852	Tilt Cyl Rod End Pin	1
505664	HD Cyl Base End Bushing	4
531543	HD Cyl Base End Pin	2
505880	HD Cyl Rod End Bushing	4
552409	HD Cyl Rod End Pin	2
523862	HD Arm @ Pivot Bushing	4
531586	HD Arm @ Pivot Pin	2
531801	HD Arm @ HD Cyl Bushing	2
505664	KO Cyl Base End Bushing	4
531543	KO Cyl Base End Pin	2
505880	KO Cyl Rod End Bushing	4
512865	KO Cyl Rod End Pin	2
523862	KO Arm @ Pivot Bushing	4
531586	KO Arm @ Pivot Pin	2
531801	KO Arm @ KO Cyl Bushing	2
538104	Boom to Carriage Bushing	2
523107	Boom to Carriage Pin	1
561170	Boom to Chassis Bushing	4
563504	Boom to Chassis Pin	1
563700	Stabilizer Ear Pin	2
508737	Tine Pin	2

Tines and Arms

Allied P/N	Description	Quantity on Machine
560937	HD Arm	2
560229	KO Arm	2
581065	Tine	2

Bearings

Allied P/N	Description	Quantity on Machine
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
204602	Bearing Cup (Rear Wheel)	2
204639	Bearing Cup (Rear Wheel)	2
216147	Bearing Cup (Front Axle)	2
201143	Bearing Cup (Front Axle)	2
216146	Bearing Cone (Front Axle)	2
201148	Bearing Cone (Front Axle)	2

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Safety Stock

Allied P/N	Description	Quantity on Machine
248962	Converter	1
245520	Pump, Steering	1
252407	Pump, HD/KO (CCW)	1
245931	Pump, HD/KO (CW)	1
248990	Pump, Brake	1
247471	Transmission	1
580700	Differential & Carrier Assy	1
211953	Planet Carrier Assembly	2
547338	Axle Shaft	2
250400	Driveline	1
249953	Driveline	1
531565	Cylinder, HD	2
531671	Cylinder, KO	2
569848	Cylinder, Steering	2
566999	Cylinder, Hoist	2
580771	Cylinder, Tilt	2
250637	Valve, Hoist & Tilt	1
234082	Valve, Flow Amplifier	1
566303	Valve, HD/KO	2

Rebuild Kits/Components

Allied P/N	Description	Quantity on Machine
581995	Service Kit, Parking Brake	2
584264	Service Kit, Differential	1
587562	Service Kit, Planet Carrier	2
587563	Service Kit, Drive Axle	1
518924	Service Kit, HD Cyl	2
518924	Service Kit, KO Cyl	2
566408	Service Kit, Steering Cyl	2
566401	Service Kit, Hoist Cyl	2
568937	Service Kit, Tilt Cyl	2
587561	Service Kit, Hoist/Tilt Valve	1
234639	Service Kit, Flow Amplifier	1
567193	Service Kit, HD/KO Valve	2
583010	Service Kit, Transmission	1
570774	Service Kit, Converter	1
570775	Ring Gear Kit	1

Hose Kits

Allied P/N	Description	Quantity on Machine
587547	Hose Kit, Boom Assembly	1
587548	Hose Kit, Carriage Hyd Sys	1
587549	Hose Kit, Power Unit	1
587550	Hose Kit, Air System	1
587551	Hose Kit, Fuel System	1
587552	Hose Kit, Chassis Hyd Sys	1
587553	Hose Kit, Steering Sys	1
587554	Hose Kit, Hoist & Tilt Sys	1
587555	Hose Kit, Valve Module	1
587556	Hose Kit, Cowl to Valves	1
587557	Hose Kit, Transmission Sys	1
587558	Hose Kit, Brake Sys	1
587559	Hose Kit, Controls	1
587560	Hose Kit, Remote Lube Sys	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 L100F _____

SERIAL No 106333 _____

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"/>

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 L100F _____

SERIAL No 106333 _____

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	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
236077	Engine Oil	9 Gallons
587565	Engine Oil Filter	1
587566	Water Treatment Element	1

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL L100F _____

SERIAL No 106333 _____

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	Quantity Required for this Interval
225549	Primary Fuel Filter Element	1
587568	Secondary Fuel Filter Element	1
243457	Return Filter Elements	2
570244	Filter Service Kit, 40 GPM Hyd Filter	1
570245	Filter Service Kit, 100 GPM Hyd Filter	3
247429	Transmission Filter Element	2
253696	Transmission Strainer Element	1

MECHANIC _____
 SUPERVISOR _____
 DATE _____
 MODEL L100F _____
 SERIAL No 106333 _____
 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
238206	Transmission Fluid, Mobil 424	20 Gallons
221340	Anti-Freeze, Premix 50/50	12 Gallons

MECHANIC _____

SUPERVISOR _____

DATE _____

MODEL L100F _____

SERIAL No 106333 _____

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	120 Lbs
219371	Hydraulic Oil, Mobil DTE 10 Excel 32	550 Gallons

MECHANIC _____

SUPERVISOR _____

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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
587547	Hose Kit, Boom Assembly	1
587548	Hose Kit, Carriage Hyd Sys	1
587549	Hose Kit, Power Unit	1
587550	Hose Kit, Air System	1
587551	Hose Kit, Fuel System	1
587552	Hose Kit, Chassis Hyd Sys	1
587553	Hose Kit, Steering Sys	1
587554	Hose Kit, Hoist & Tilt Sys	1
587555	Hose Kit, Valve Module	1
587556	Hose Kit, Cowl to Valves	1
587557	Hose Kit, Transmission Sys	1
587558	Hose Kit, Brake Sys	1
587559	Hose Kit, Controls	1
587560	Hose Kit, Remote Lube Sys	1
236397	Brake Linings, Drive Axle	12
581995	Service Kit, Parking Brake	2
584264	Service Kit, Differential	1
587562	Service Kit, Planet Carrier	2
587563	Service Kit, Drive Axle	1
518924	Service Kit, HD Cyl	2
518924	Service Kit, KO Cyl	2
566408	Service Kit, Steering Cyl	2
566401	Service Kit, Hoist Cyl	2
568937	Service Kit, Tilt Cyl	2
587561	Service Kit, Hoist/Tilt Valve	1
234639	Service Kit, Flow Amplifier	1
567193	Service Kit, HD/KO Valve	2
583010	Service Kit, Transmission	1
570774	Service Kit, Converter	1
570775	Ring Gear Kit	1

MECHANIC _____

SUPERVISOR _____

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MODEL L100F _____

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HOUR METER _____