

**Suggested Spares Guide CHD100-303****Fluids**

Allied P/N	Description	Quantity on Machine	Order Quantity
236077	Oil, Engine, 15W40	12.6 Gallons	
238206	Oil, Hyd, Mobil 424	412 Gallons	
219373	Oil, Diesel Fuel, Mobil #2	110 Gallons	
600045	Anti-Freeze, Extended Life	18 Gallons	
219374	Oil, Grease	7 Lbs	
235720	Lubricant, Gear. Mobil HD 80W/90	40 Gallons	
242864	Additive, Elf Lube	1 Gallons	
591654	Grease	1 Lb	
600085	Diesel Exhaust Fluid	15 Gallons	

**Filters / Belts**

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
247429	Filter Element, Spin-On, Brake Cooling and Transmission	601051 600955	3	
588191	Service Kit, High Pressure Filter	587385	2	
224744	Filter Breather	600950	1	
259470	Service Kit, Return Filter	600875	2	
600156	Primary Element, Air Cleaner	600155	2	
600157	Secondary Element, Air Cleaner	600155	2	
259672	Service Kit, Oil Filter	600930	1	
259673	Service Kit, Def Pump Filter	600930	1	
259674	Service Kit, Fuel Filter	600930	1	
259675	Fuel/Water Separator	600930	1	
259676	Belt	600930	1	

**Suggested Spares Guide CHD100-303****Power Unit / Pumps**

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
600891	Breather, Hyd 3 Micron	600941	1	
208137	Fitting, Filter, Restriction	600941	1	
208136	Filter Indicator	600941	1	
601059	Pump, Var Piston (Steering)	600961	1	
601060	Pump, Var Piston (Implement)	600961	1	
600282	Pump, Gear Tandem (Charge/Brake Cooling)	600961	1	
601061	Pump, Gear (Fan Drive)	600961	1	
593086	Kit, Flex Plate	600961	1	
598213	Gasket, Pump, SAE D Drive	600961	1	
505499	Gasket, Pump, SAE C Drive	600961	3	
259677	Pump, Coolant	600930	1	
259678	Alternator	600930	1	
259679	Starter	600930	1	
259680	Tank, Def	600930	1	

**Cooling System**

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
601865	Motor	601051	1	
601979	Gas Spring	601051	1	
599410	Pressure Cap, Surge Tank	601066	1	

**Hydraulics**

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
601062	Valve Assembly, Implement	600950	1	
598718	Pressure Transducer	600950	2	
234990	Steering Flow Amplifier	601417	1	
251424	Coolant Temp. Sensor	600961 600950 600954	3	
598153	Pressure Transducer	600961 598198 598056 600954	7	
R233598	Transmission Breather	600955	1	
252512	Steering Control Unit	600938	1	

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### Drivetrain

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
601044	Driveline Assembly; 9C X 56.0 LG W/ 5.0 SLIP	600945	1	
598451	. U-Joint, 9C	601044	1	
601144	Driveline Assembly, 9C X 26.0 W/5.0 SLIP	600945	1	
598451	. U-Joint, 9C	601144	2	
601143	Driveline Assembly, 8.5C X 22.0 W/4.88 SLIP	600945	1	
598449	. U-Joint, 8.5C	601143	2	
598443	Driveline Assembly, 9C X 19.6 W/4.9 SLIP	600945	1	
598451	. U-Joint, 9C	598443	2	
587434	Digital Speed Sensor	600962	1	
593120	Brake Seal Kit	593137	2	
593121	Brake Lining Kit	593137	2	
596778	Parking Brake Lining Kit	596760	1	
596779	Parking Brake Seal Kit	596760	1	

### Cylinder Kits

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
601159	Packing Kit, Hoist Cylinder	601154	1	
601132	Packing Kit, Dump Cylinder	601047	2	
601114	Packing Kit, Tilt Cylinder	601145	1	
	Packing Kit, Steering Cylinder	601095	2	

### Lighting

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
258338	Floodlight	600956	2	
598982	LED Light	601006	8	

**Suggested Spares Guide CHD100-303****Cab**

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
597623	Wagner Smart Screen	600938	1	
597389	Joystick, LH	600939	1	
597390	Joystick, RH	600939	1	
594254	Display Module, Checkfire 210	597047	1	

**Chassis**

Allied P/N	Description	Where Used	Quantity on Machine	Order Quantity
203496	O-Ring, Tank Inspection Cover	601069	4	
596695	Gasket, Hydraulic Tank Dirt Box Cover	601069	1	
204602	Bearing Cup, Swivel Box Installation	600936	2	
232647	Bearing Cone, Swivel Box Installation	600936	2	
224224	O-Ring, Swivel Box Installation	600936	2	
234539	O-Ring, Swivel Box Installation	600936	2	
203506	O-Ring, Swivel Box Installation	600936	2	
204605	Bearing Cup, Swivel Box Installation	600936	2	
200219	Bearing Cone, Swivel Box Installation	600936	2	
601804	Pin, Expander, Swivel Box Installation	600936	2	
214314	Bearing, Spherical, Swivel Box Installation	600936	2	
232315	O-Ring, Swivel Box Installation	600936	2	

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### Tools

Allied P/N	Description	On-Hand Quantity (Recommended)	Order Quantity
593401	Spanner for Wheel Safety Nut	1	
593402	Seal Ring Sleeve Driver	1	
593403	Seal Ring Sleeve Driver	1	
593404	Spanner for Thread Rings (Differential Bearing)	1	
593405	Centering Tools for Brake Discs	1	
593406	Installation Tool for Face Seal	1	
243274	Accumulator Recharge Valve	1	
509574	Air Hose Kit	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	3/8 DR 6mm-19mm 12 Point	1	
588529	1/2 DR 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	
558533	Fire Extinguisher Wrench	1	
X-204248	Installation Tool, 5.5" Pin (Used on 597633)	1	

### Diagnostic Tools

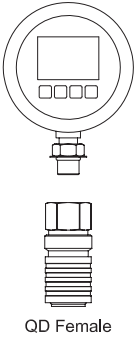
Allied P/N	Description	On-Hand Quantity (Recommended)	Order Quantity
906601	0 to 8700 PSI Digital Pressure Gauge W/QD Connector	1	
69778	Multi-Meter; 12 Function	1	
69782	Kit; 72" Hose Assembly W/QD on Both Ends	1	
70381	Kit; 144" Hose Assembly W/QD on Both Ends	1	
R14038	Fitting; QD Male x 1/8 NPT Male	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	

# Suggested Spares Guide CHD100-303

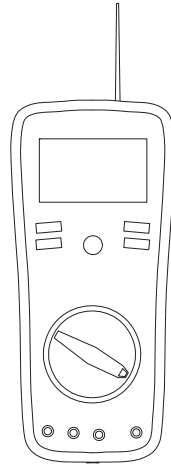
## Diagnostic Tools

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

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

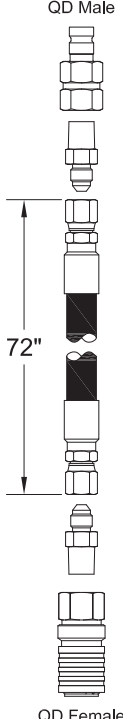


QD Female



**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

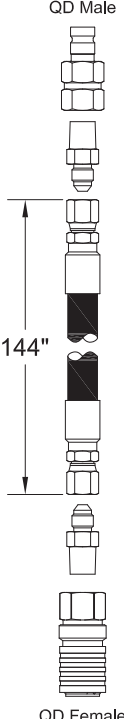


72"

QD Female

**69782**  
Kit, Hose Assembly, W/QD Both Ends






QD Male



144"

QD Female

**70381**  
Kit, Hose Assembly, W/QD Both Ends

- |                                                                                                                                              |                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <p>QD Male</p>  <p>1/8 NPT Male<br/><b>R14038</b></p>   | <p>QD Male</p>  <p>1/8 NPT Female<br/><b>R14045</b></p> |
| <p>QD Male</p>  <p>#6 JIC Female<br/><b>236625</b></p>  | <p>QD Male</p>  <p>#8 JIC Female<br/><b>253326</b></p>  |
| <p>QD Male</p>  <p>1/4 NPT Female<br/><b>228040</b></p> | <p>QD Male</p> #4 JIC Female connector" data-bbox="815 765 840 805"/> <p>#4 JIC Female<br/><b>R330325</b></p>                                |
| <p>QD Male</p> #4 SAE Male connector" data-bbox="705 870 730 910"/> <p>#4 SAE Male<br/><b>R14040</b></p>                                     | <p>QD Male</p> #6 SAE Male connector" data-bbox="815 870 840 910"/> <p>#6 SAE Male<br/><b>R14082</b></p>                                     |