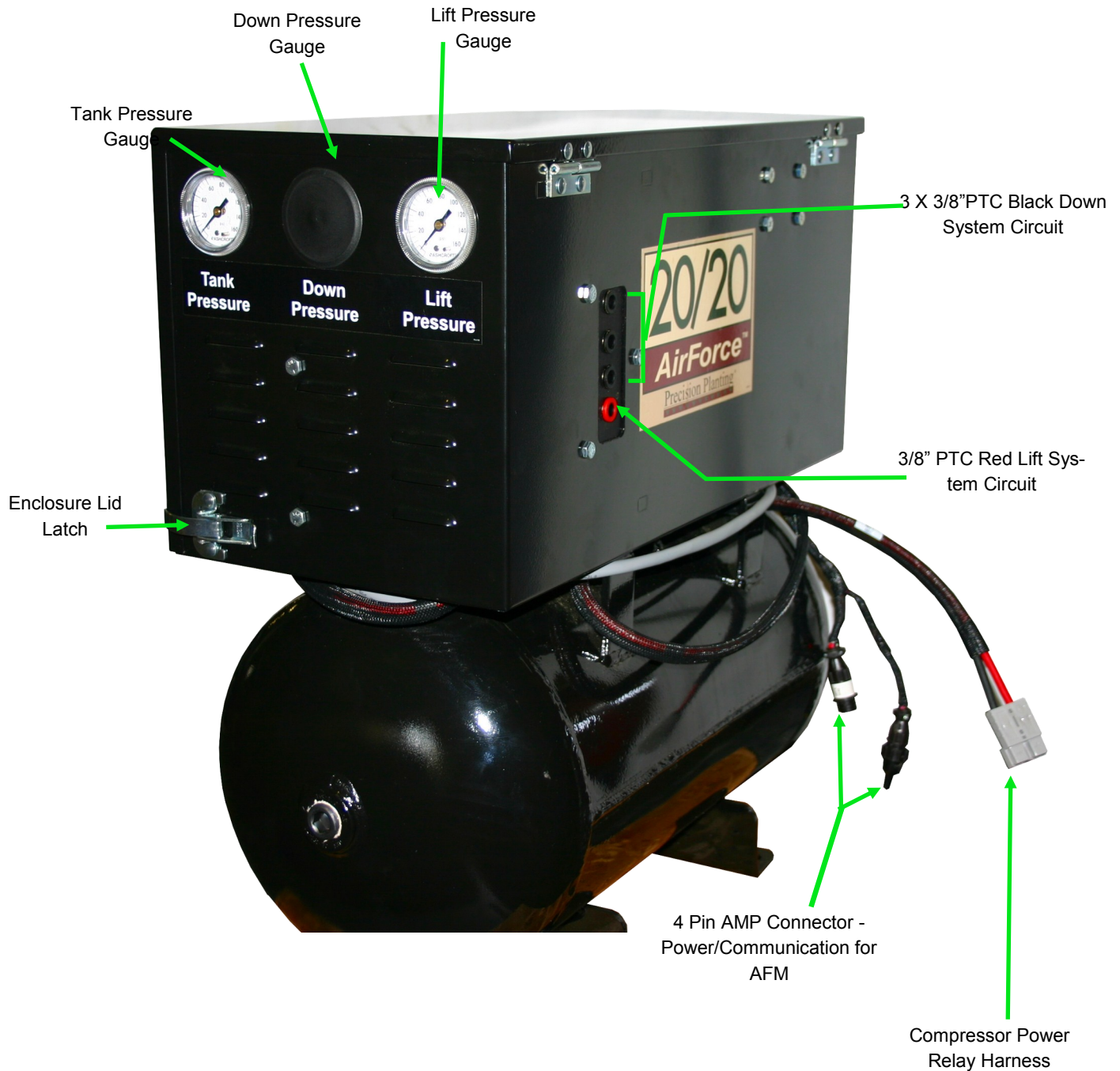
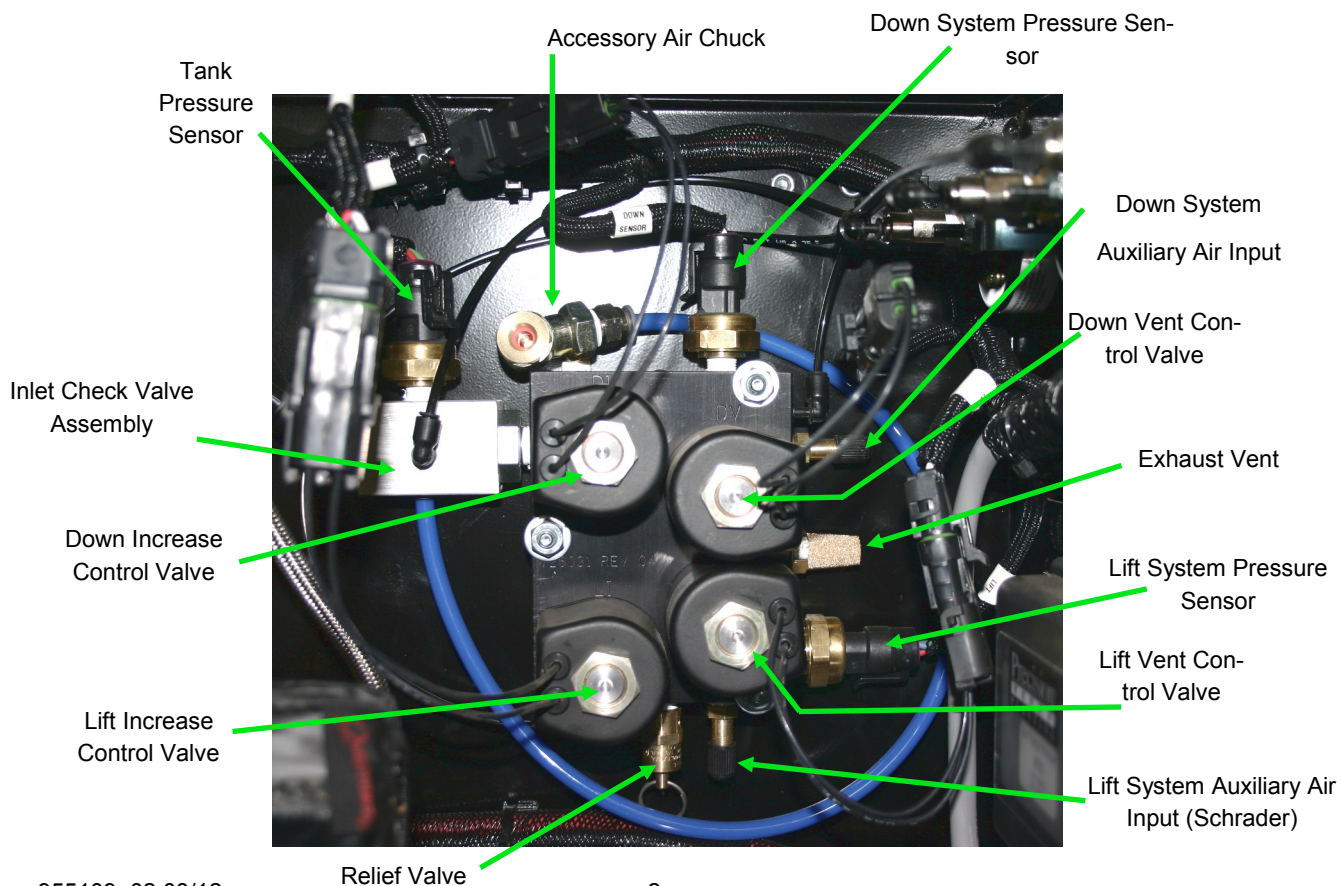
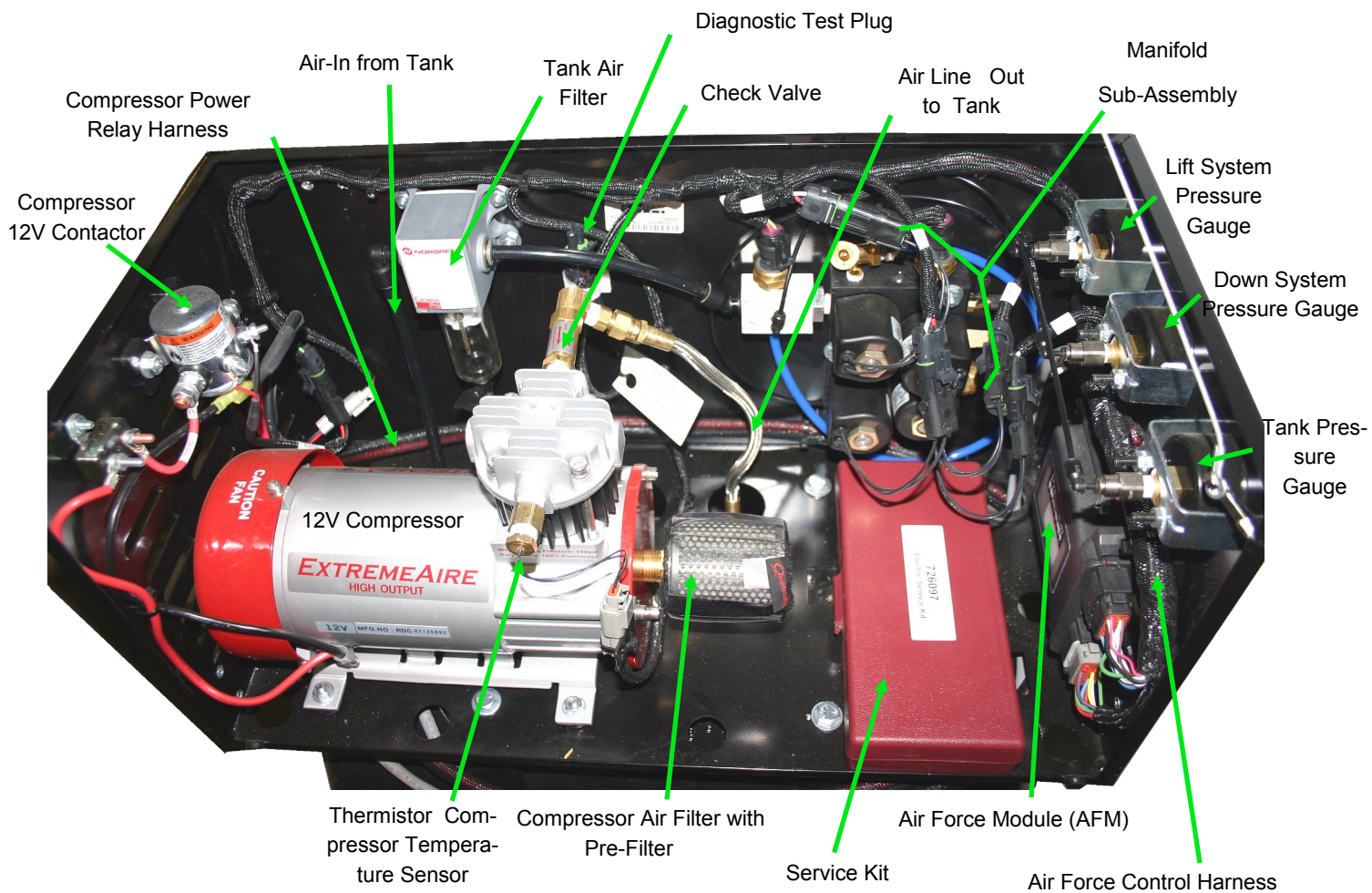


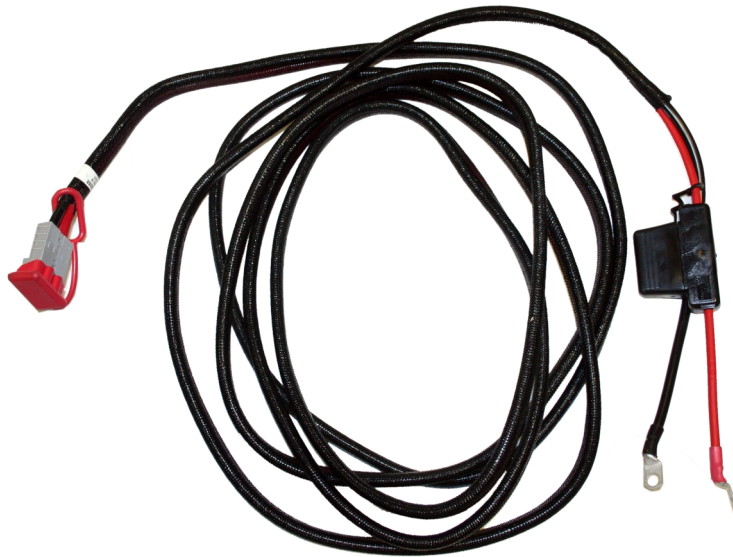
726000 12V Compressor Module





Connecting Power to the Compressor

For electric Compressor Modules power is supplied via a direct connection to the electric power source on the tractor. A Tractor Power Cable (PN: 726088 - shown below must be routed from the planter attachment point through the under-carriage of the tractor forward. The cable can be connected directly to either the battery or starter to provide a stable and direct 12 Volt power source. Connect the ground cable to the post of the battery or starter, not randomly on the frame of the tractor.



For situations requiring the Compressor Module to be mounted farther than the provided cabling, a 12 foot 2-gauge extension is available (PN 726224). For distances greater than this, see the Voltage Drop Table for recommendations on wire gauges and distances for custom applications.

20/20 AirForce Voltage Drop Table—50 amp current

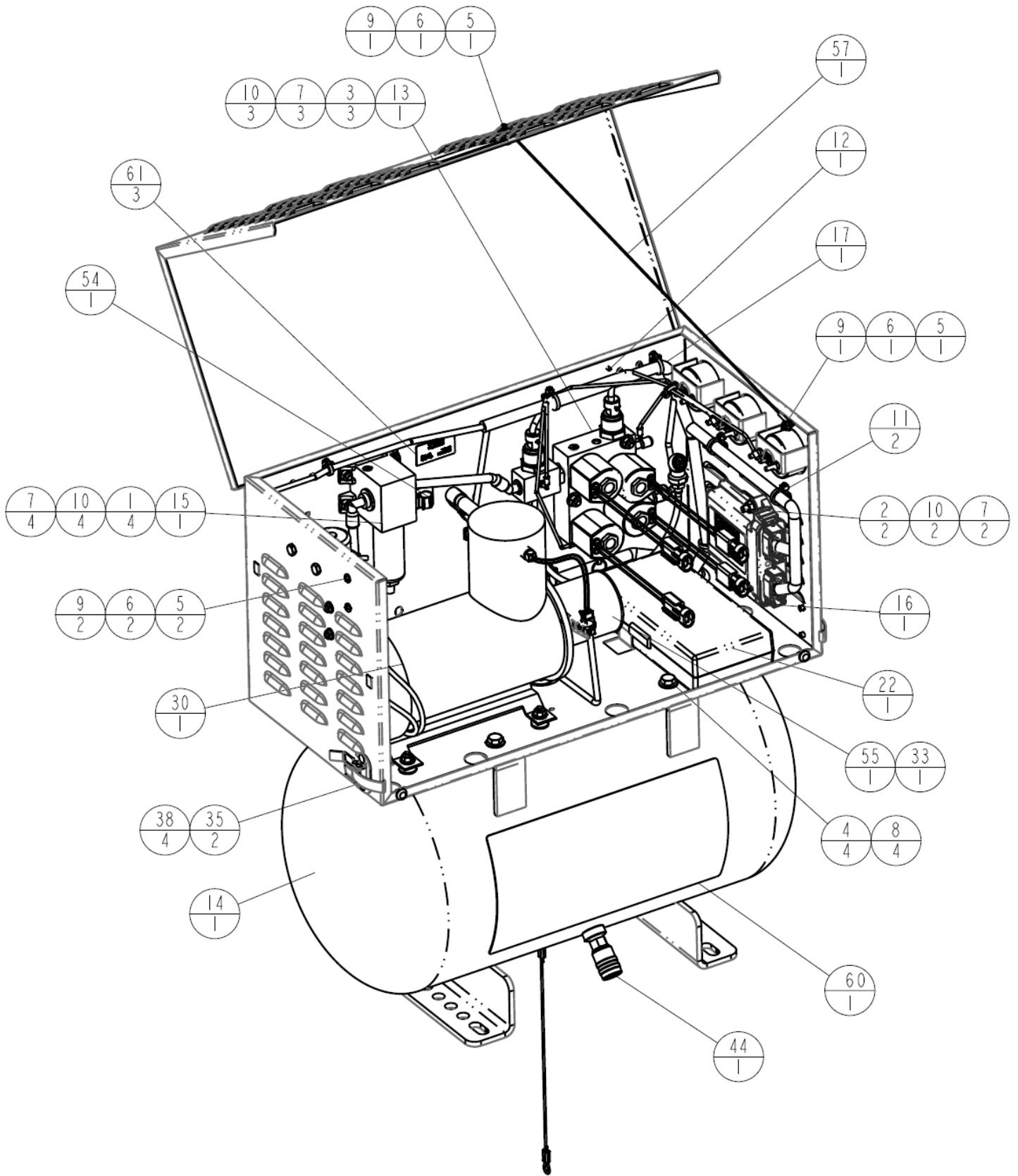
Wire Gage	One way distance						
	12	20	30	40	50	60	80
0	0.12	0.20	0.29	0.39	0.49	0.59	0.79
1	0.15	0.25	0.37	0.50	0.62	0.74	0.99
2	0.19	0.31	0.47	0.63	0.78	0.94	1.25
3	0.24	0.39	0.59	0.79	0.99	1.18	1.58
4	0.30	0.50	0.75	0.99	1.24	1.49	1.99
6	0.47	0.79	1.19	1.58	1.98	2.37	3.16

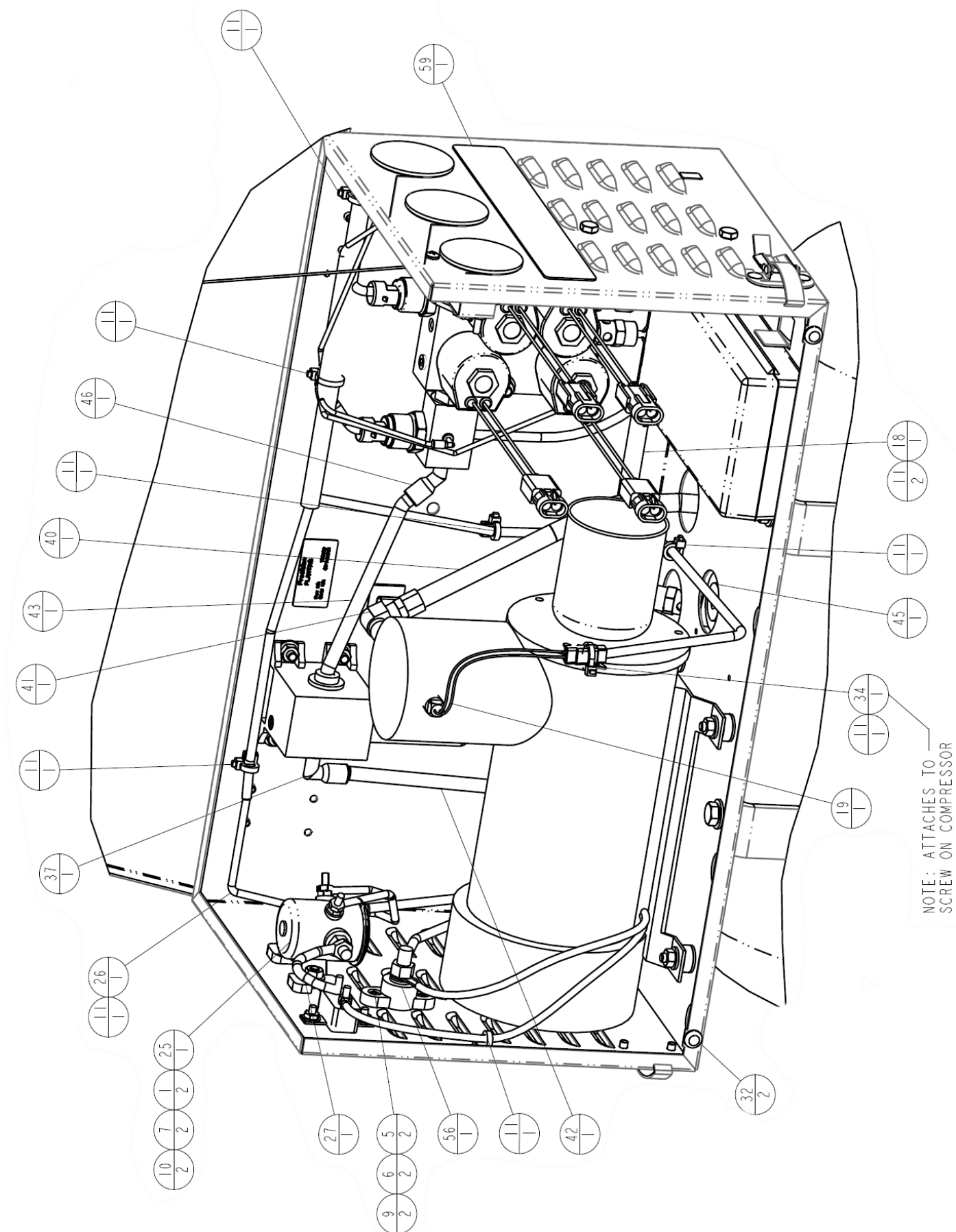
Values above are voltage lost for the round trip - twice the length of cable shown

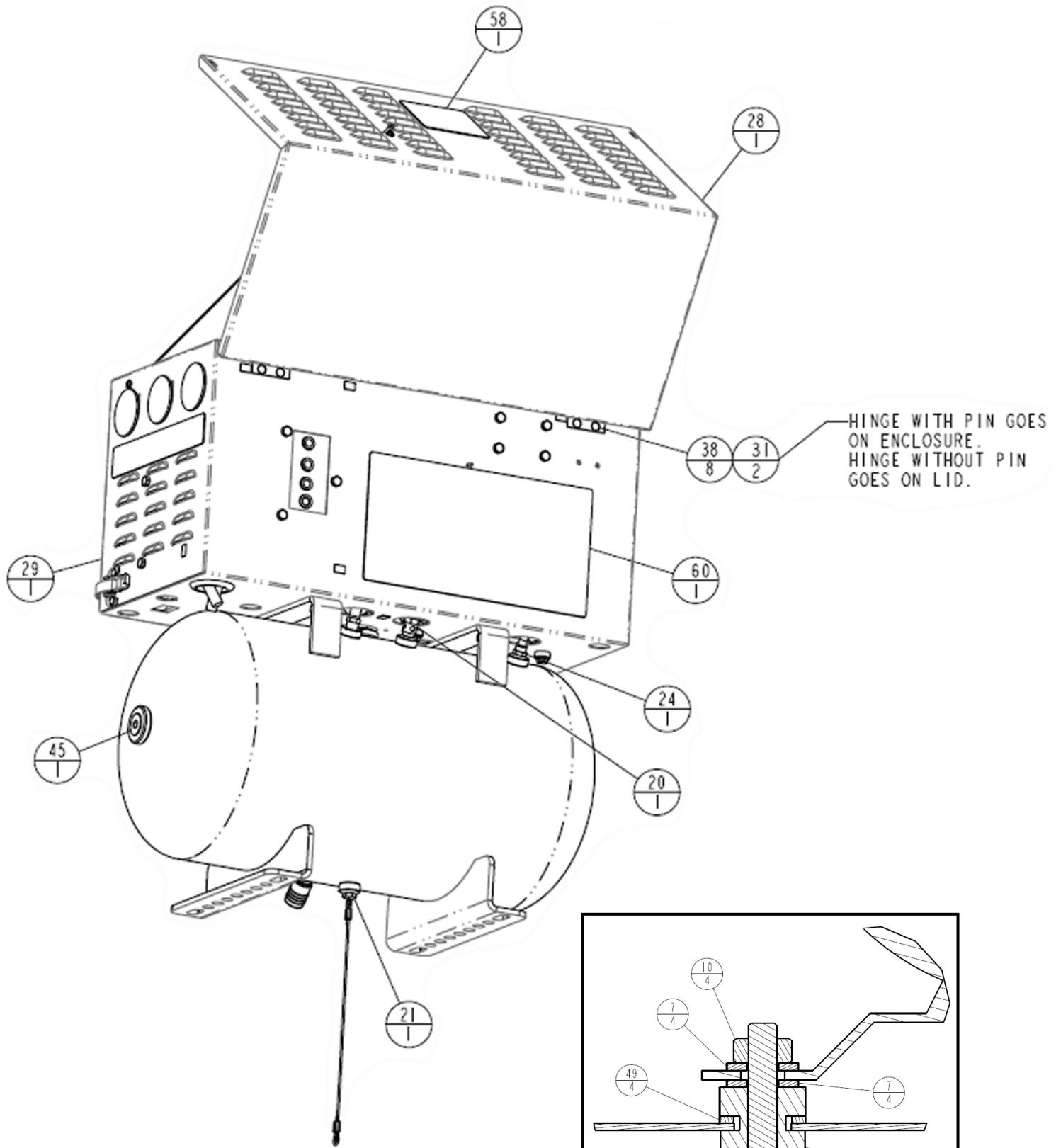
Avoid using lengths of cable/gage of wire in the red boxes

The above values represent the voltage drop through any **extension cables only**. There is an additional 1.2 volt drop through the standard tractor cable.

725554 - Kit that includes 2 housings & 4 contacts to use with #2 or smaller diameter wire gage. Larger wire may require trimming of some strands to fit in terminal. Crimper is not included in this kit, it can be done with most large crimpers



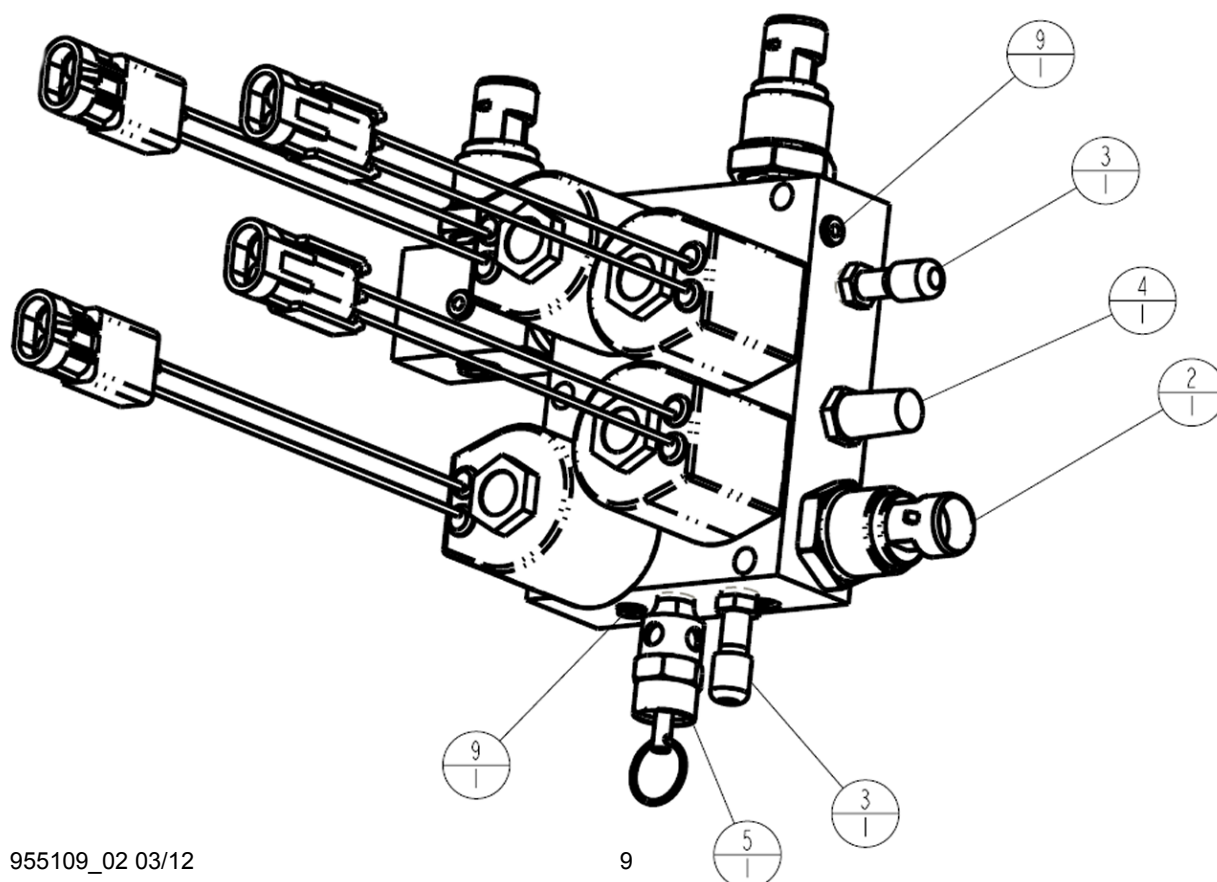
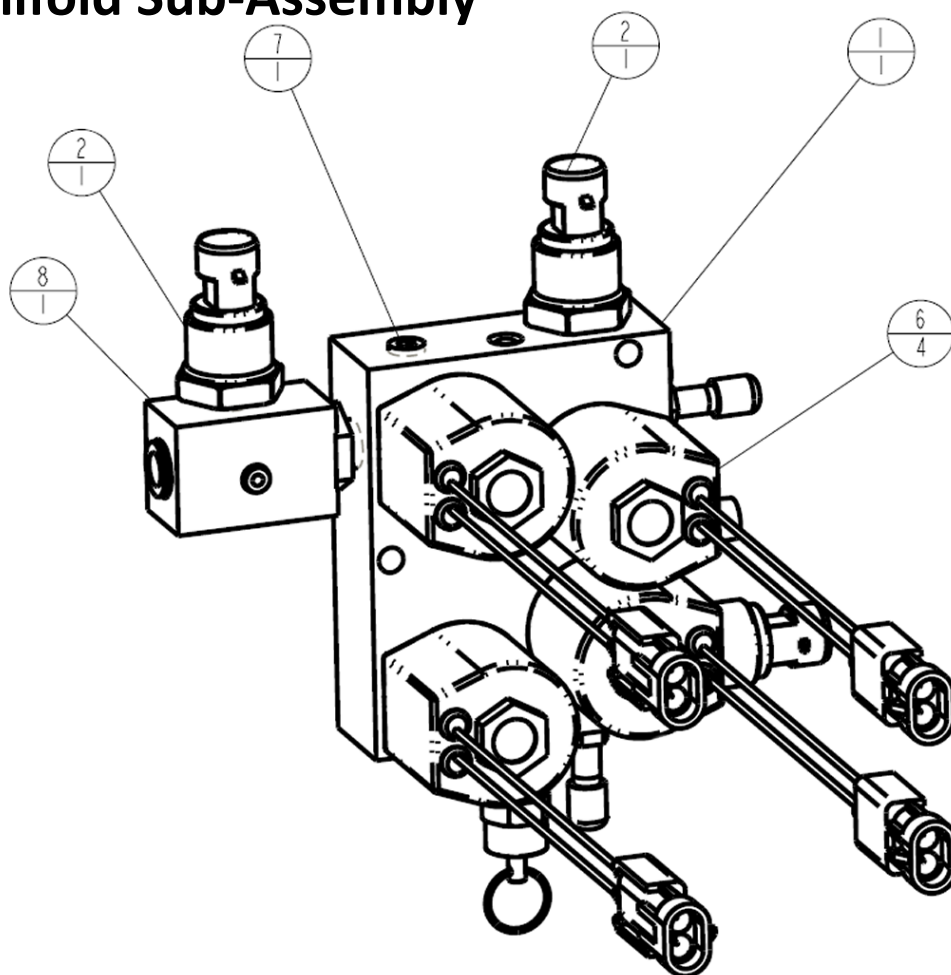


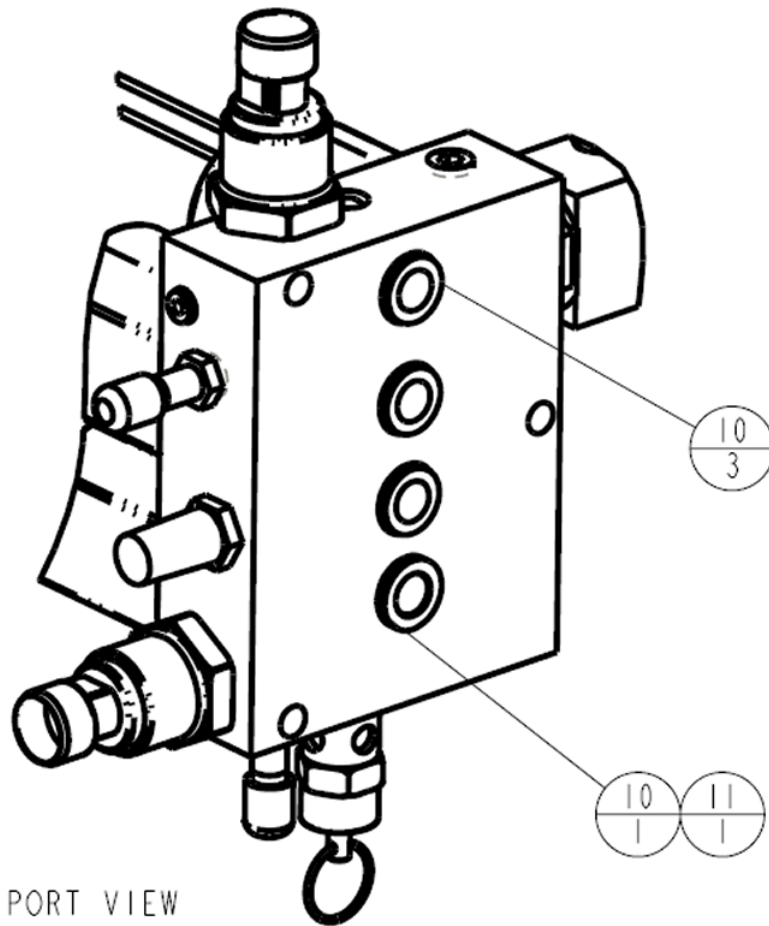


Item	Quantity	Part Number	Part Name	Description
1	6	13002	Bolt	1/4 X 5/8 GRD 5 Hex Bolt Zinc
2	6	13007	Bolt	1/4 X 1.25 GRD 5 Hex Bolt Zinc
3	3	13010	Bolt	1/4 X 1.75 GRD 5 Hex Bolt Zinc
4	4	13103	Bolt	3/8 X 0.75 GRD 5 Bolt Zn
5	6	28957	Screw	10 X 1/2 Pan Head Machine Screw
6	6	33074	Washer	#10 SAE Flat Zn
7	23	33078	Washer	1/4 SAE Flat Zn
8	4	33082	Washer	3/8 SAE Flat Zn
9	6	36028	Hex Nut	10 X 0.13 Hex Machine Screw Nut Zn
10	15	36302	Hex Nut	1/4 Hex Nut Zn
11	14	63124	Cable Tie	6" X 1-3/8 DIA. UV Black
12	1	720068	Screw	6-32 X 5/16" Pan Phillips T/F Zinc
13	1	726033	Manifold GP	Pneumatic Down & Lift
14	1	726037	Air Tank Assembly	10 Gallon
15	1	726084	Filter	Tank Filter
16	1	726085	AFM	Air Force Module
17	1	726086	Harness	Air Force Control Harness
18	1	726087	Relay Harness	Compressor Power Cable Assembly
19	1	726093	Sensor	Thermistor - Compressor Head Temperature
20	1	726095	Relief Valve	175 PSI Relief Valve
21	1	726096	Drain	Tank Condensate Drain
22	1	726097	Service Kit	Service Kit Assembly
23	1	726107	Air Fitting	1/4 NPT X 1/4 PTC
24	1	726108	Air Fitting	1/4 NPT X 3/8 PTC
25	1	726180	Contactor	Compressor Power Relay Contactor
26	1	726181	Pig Tail	Contactor Diagnostic Pig Tail
27	1	726182	Cable	Contactor to Compressor Circuit Breaker
28	1	726189	Cover	Control Enclosure Cover
29	1	726192	Enclosure	Control Enclosure
30	1	726193	Compressor	12V Air Force Compressor
31	2	726194	Hinge	Enclosure Hinge
32	2	726196	Bumper	Rubber Enclosure Lid Bumper
33	1	726198	Pre-Filter	Compressor Pre-Filter
34	1	726201	Clip	Ladder Clip
35	2	726231	Latch	Enclosure Latch
36	6	726271	1/8" Elbow	Plug in PTC Elbow
37	1	726273	3/8" Elbow	Plug in PTC Elbow
38	12	726276	Rivet	Tubular Rivet
39	4	726277	Mount	Rubber Compressor Mount
40	1	726282	Hose	Compressor Hose
41	1	726292	Elbow	1/4" NPT Brass
42	1	726293	Hose	3/8" Tank to Filter

Item	Quantity	Part Number	Part Name	Description
43	1	726294	Hose	3/8" Filter to Manifold
44	1	726301	Disconnect	1/4" NPT Coupler
45	2	726302	Plug	3/4" NPT
46	1	726303	3/8" 45 Degree Elbow	Plug in PTC Elbow
47	1	726307	Chuck	Air Chuck
48	1	726308	Grommet	Wire Harness Grommet
49	4	726309	Washer	Mount Spacer
50	2	726344	Tubing	1/8" Tank & Lift to Analog Gauge
51	1	726345	Tubing	1/8" Down to Analog Gauge
52	1	726372	Tubing	Accessory Hose
53	3	726572	Gauge	160 psi Analog Panel Mount Gauge
54	1	726573	Clamp	Push Mount 2-Stage Lock
55	1	726579	Filter	Compressor Inlet
56	1	726588	Terminal	Ground Terminal Block
57	1	726598	Lanyard	Cable to Enclosure Lid
58	1	956047	Sticker	Drain Condensation
59	1	956048	Sticker	Gauge Sticker
60	2	956049	Sticker	Tank and Enclosure Sticker
61	3	956052	Sticker	Serial Number

Manifold Sub-Assembly



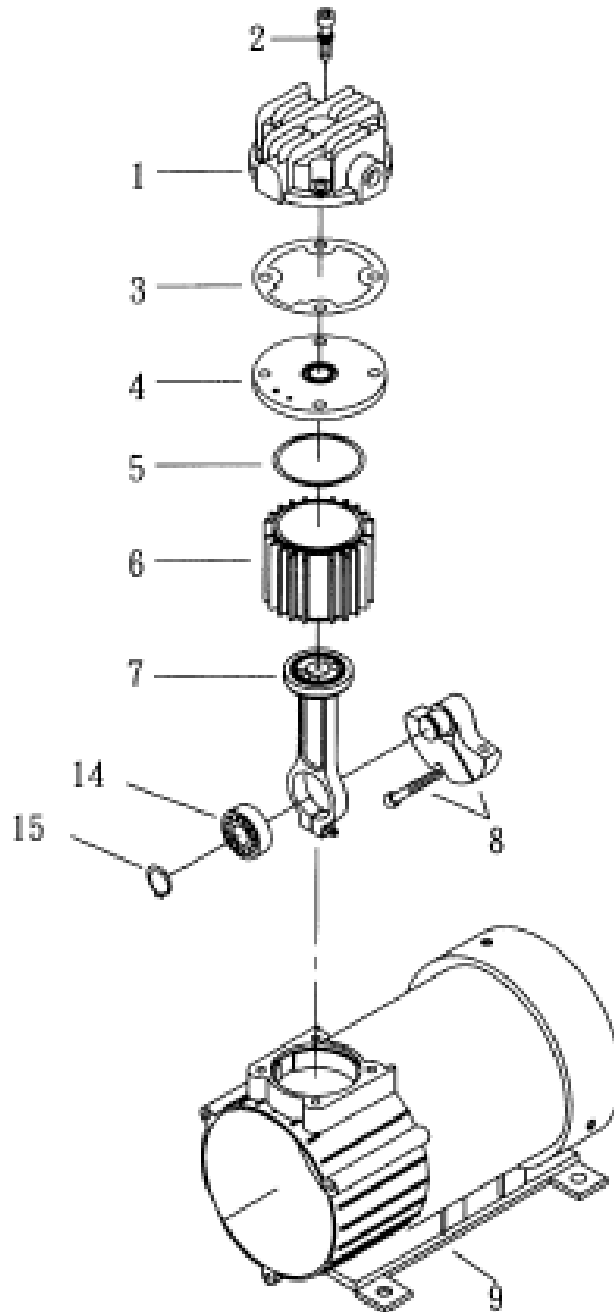


REAR PORT VIEW

Item	Quantity	Part Number	Part Name	Description
1	1	726032	Manifold Assembly	Machined Cast Aluminum Manifold Block
2	3	726077	Sensor	Pressure
3	2	726079	Valve	Schrader
4	1	726080	Vent	Exhaust Vent
5	1	726081	Valve	Relief Valve
6	4	726162	Valve Assembly	
7	1	726175	Fitting	1/8"NPT Plug
8	1	726245	Valve Assembly	Inlet Check
9	2	726268	Fitting	1/8" PTC Cartridge
10	4	726270	Fitting	3/8" PTC Cartridge
11	1	726274	Cap	Red 3/8 PTC

ExtremeAire

007-000



SPARE PARTS LIST

NO : WP-0906

REF. NO.	DESCRIPTION	PART NO.	QTY.	REF. NO.	DESCRIPTION	PART NO.	QTY.
1	Cylinder head	3101096N	1	9	Motor set	3B8-DC0712V	1
2	Allen bolt set	2B01-M06*080V	4	10			
3	Cylinder head gasket	2G01-023	1	11			
4	Exhaust valve seat set	3B11-A9000	1	12			
5	Valve seat gasket	2G03-017	1	13			
6	Cylinder	3201065	1	14	Bearing	2N35-6202ZZC3	1
7	Rod set	3B3-A9000	1	15	Circlip	2N42-S15	1
8	Crankshaft set	3304079	1				

Electric Compressor Maintenance Guidelines

ELECTRICAL POWER

This compressor is a high-amperage 12 Volt motor. It is important that you have good connections between the tractor battery and the motor. The compressor is protected by a 60 amp fuse located where the power cable connects to the tractor battery.

LUBRICATION

This compressor is dry and permanently lubricated, there is no oil in the crankcase. No lubrication of this compressor is required.

FITTINGS

The pre-installed fittings in the cylinder head should not be further-tightened. In the case that fittings must be removed, exercise caution when re-installing as over tightening these fittings will result in cracking of the head. High temperature liquid sealants have proven more effective than Teflon tape on these fittings.

FILTER

Monitor the pre-cleaner for blockage. A torn or damaged pre-cleaner should be replaced. In normal use the pre-cleaner will prevent the paper element filter from becoming plugged even in dusty conditions.

MAINTENANCE SCHEDULE

DAILY

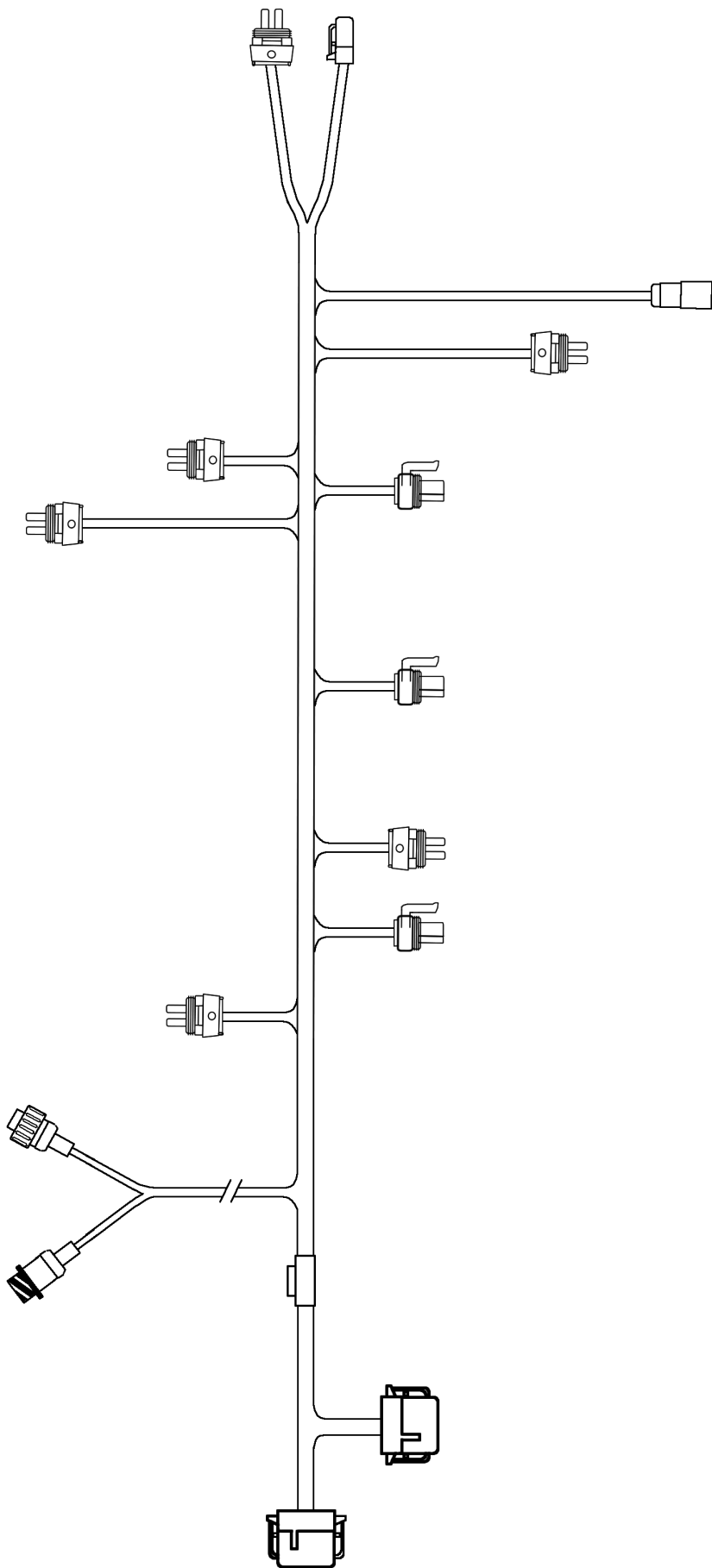
Drain condensation from water separator and tank.
Monitor inlet filter precleaner for excessive build up.

SEASONALLY

Examine compressor inlet filter and replace if dirty.
Check for air and oil leaks and correct.

200 COMPRESSOR HOURS

Examine/Replace the piston and cylinder
Kit # 726222



726086 Connector "A" 4 Pin AMP Receptacle			
PIN NO.	COLOR	FUNCTION	TO
1	Black	Ground	C4, JB, N1
2	Brown	RS 485 (+)	C7, N2
3	Pink	RS 485(-)	C6, N3
4	Red	12 Volt Power	B8, DB, EB, FB,

726086 Connector "B" 12 Pin Deutsch			
PIN NO.	COLOR	FUNCTION	TO
1	Green	Compressor Temp (-)	L2
2		Not used	
3	Orange	Compressor Temp (+)	L1
4	White	Down PSI Signal	HC
5	Blue	Lift Pressure Signal	GC
6	Red	Analog (+) 5 Volt	GB, HB, IB
7		Not Used	
8	Red	12 Volt Power	A4, DB, EB, FB,
9	Green	Sensor Ground	GA, HA, IA
10	Purple	Tank PSI Signal	IC
11		Not Used	
12		Not Used	

726086 Connector "C" 12 Pin Deutsch			
PIN NO.	COLOR	FUNCTION	TO
1	Blue	Compressor Volt	O1
2		Not Used	
3		Not Used	
4	Black	Ground	A1, JB, N1
5	White	Down Vent (DV)	FA
6	Pink	RS 485(-)	A3, N3
7	Brown	RS 485 (+)	A2, N2
8	White	Down Increase (DI)	MA
9	White	Lift Vent (LV)	DA
10	White	Lift Increase (LI)	EA
11	Black	Compressor (-)	KB
12	Gray	Compressor Volt	O2

726086 Connector "D" 2 Pin Weather Pack Female			
PIN NO.	COLOR	FUNCTION	FROM
A	White	Lift Vent (LV)	C9
B	Red	Lift Vent (LV) Power	A4, B8, EB, FB,

726086 Connector "E" 2 Pin Weather Pack Female			
PIN NO.	COLOR	FUNCTION	FROM
A	White	Lift Increase (LI)	C10
B	Red	Lift Increase (LI) Power	A4, B8, DB, FB,

726086 Connector "F" 2 Pin Weather Pack Female			
PIN NO.	COLOR	FUNCTION	FROM
A	White	Down Vent (DV)	C5
B	Red	Down Vent (DV) Power	A4, B8, DB, EB,

726086 Connector "G" Packard Plug			
PIN NO.	COLOR	FUNCTION	FROM
A	Green	Sensor Ground.	C9, HA, IA
B	Red	Analog (+) 5 Volt	B6, HB, IB
C	Blue	Lift PSI Signal	B5

726086 Connector "H" Packard Plug			
PIN NO.	COLOR	FUNCTION	FROM
A	Green	Sensor Ground	C9, GA, IA
B	Red	Analog (+) 5 Volt	B6, GB, IB
C	White	Down PSI Signal	B4

726086 Connector "I" Packard Plug			
PIN NO.	COLOR	FUNCTION	From
A	Green	Sensor Ground	C9, GA, HA
B	Red	Analog (+) 5 Volt	B6, GB,HB
C	Purple	Tank PSI Signal	B10

726086 Connector "J" 2 Pin Weather Pack Female			
PIN NO.	COLOR	FUNCTION	FROM
A	Red	12 Volt Power	A4, B8, DB, E8,
B	Black	Ground	A1, C4, N1

726086 Connector "K" 2 Pin Weather Pack Female			
PIN NO.	COLOR	FUNCTION	FROM
A	Red	Compressor Relay +12	A4, B8, DB, EB,
B	Black	Compressor (-)	C11

726086 Connector "L" 2 Pin Deutsch Gray Receptacle Compressor Temperature			
PIN NO.	COLOR	FUNCTION	FROM
1	Orange	Compressor Temperature (+)	B3
2	Green	Compressor Temperature (-)	B1

726086 Connector "O" 2 Pin Deutsch Gray Plug			
PIN NO.	COLOR	FUNCTION	FROM
1	Blue	Compressor Voltage Detection	C1
2	Gray	Compressor Voltage Detection	C12

726086 Connector "M" 2 Pin Weather Pack Female			
PIN NO.	COLOR	FUNCTION	FROM
A	White	Down Increase (DI)	C8
B	Red	Down Increase (DI) Power	A4, B8, DB, EB,

726086 Connector "N" 4 Pin AMP Plug			
PIN NO.	COLOR	FUNCTION	FROM
1	Black	Ground	A1, C4, JB
2	Brown	RS 485 (+)	A2, C7
3	Pink	RS 485 (-)	A3, C6
4	Red	12 Volt Power	A4, B8, DB, EB,