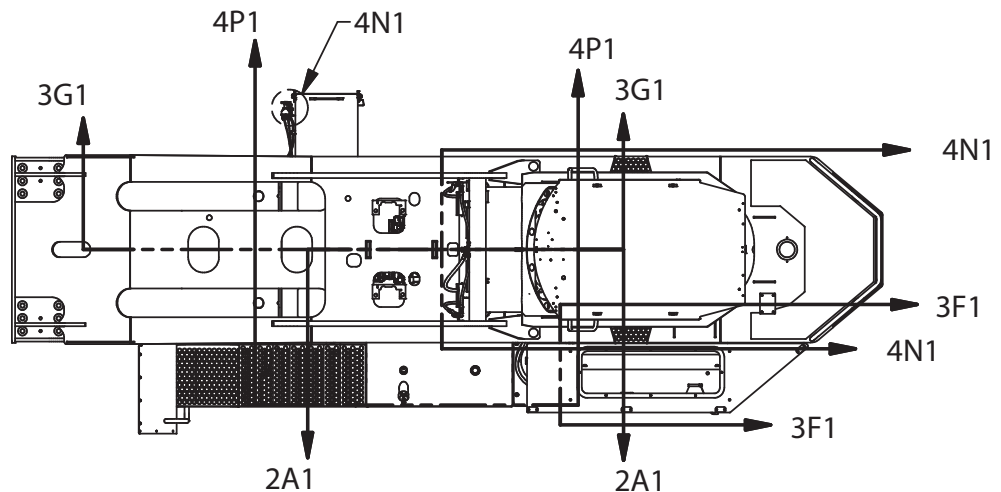
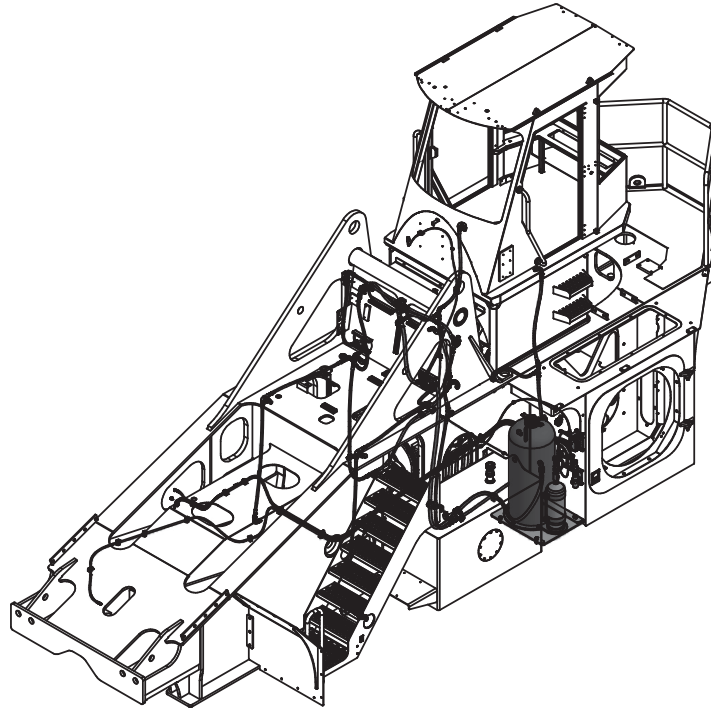

Fire Suppression Installation, Auto

Fire Suppression Installation, Auto

Item	Part No.	Qty	Description	Item	Part No.	Qty	Description
	597666		Fire Suppression Inst, Auto				
1	-----	1	. Tank, LVS-30	48	209083	1	. Fitting
2	-----	6	. Chemical, Fire Suppression	49	209405	1	. Fitting
3	-----	1	. Control Module, Interface	50	-----	1	. Air Cleaner
4	-----	20	. Kit, Nozzle	51	231251	20	. Clamp
5	-----	1	. Actuator	52	239083	1	. Grommet
6	-----	1	. Cartridge, Nitrogen	53	296417W	4	. Washer
7	-----	1	. Manifold Block, Distribution	54	R13809364	4	. Capscrew
8	594346	1	. Bracket, Actuator EMA	55	594281	1	. Connector, Tee
9	-----	1	. Actuator	56	595326	13	. Mount, Tack
10	-----	1	. Battery	57	249329	13	. Cable Tie
11	-----	2	. Actuation Device, Protracting	58	-----	1	. Cable, Release Ckt
12	-----	1	. Fused Power Circuit Cable	59	594276	1	. Connector, Tee
13	-----	1	. Cable Assy, Relay Circuit	60	-----	1	. Cable, Detection Ckt
14	-----	2	. Cable, Drop	61	73969	1	. Cable Tie
15	598366	1	. Fire Accessory Driver Bracket	62	231252	3	. Clamp, Hydra-Zorb
16	-----	1	. Relief Valve	63	598368	1	. LVS30 Mount
17	CLP0100200	1	. Clamp	64	-----	1	. Cable, Display
18	209752	2	. Fitting	65	-----	1	. Cable, Power Circuit
19	596370	2	. Fitting	66	-----	1	. Connector, EOL Device
20	221280	2	. Fitting	67	YHGB 06	6'	. Hose Guard, Plastic Spiral
21	209759	2	. Fitting	68	590087	2 Roll	. Tape
22	598370	1	. Elbow, Pipe	69	237129	0	. Cap, Blow-Off
23	589927	1	. Nipple, Pipe	70	Y27E-14	6	. Washer
24	209918	1	. Fitting	71	-----	1	. Fire Detection System Auto
25	209633	44	. Fitting	72	599400	8	. Clamp, Hydra-Zorb
26	225250	44	. Lockwasher	73	R13810997	2	. Capscrew
27	249733	16	. Tee, Pipe	99	598374	1	. Kit, Hose
28	249732	46	. Elbow, Pipe	99.1	598375	1	. . Hose Assembly
29	589926	34	. Nipple, Pipe	99.2	593721	2	. . Hose Assembly
30	595376	8	. Elbow, Pipe	99.3	599830	2	. . Hose Assembly
31	209161	14	. Fitting	99.4	588272	2	. . Hose Assembly
32	221560W	6	. Capscrew	99.5	600560	2	. . Hose Assembly
33	221771W	6	. Washer	99.10	598377	2	. . Hose Assembly
34	234665	6	. Lockwasher	99.11	591476	2	. . Hose Assembly
35	234271	8	. Washer	99.12	258557	2	. . Hose Assembly
36	302404W	4	. Locknut	99.13	588275	2	. . Hose Assembly
37	248985	4	. Capscrew	99.14	256246	2	. . Hose Assembly
38	221763W	14	. Washer	99.15	597225	2	. . Hose Assembly
39	221767W	10	. Washer	99.16	598379	2	. . Hose Assembly
40	302400W	5	. Locknut	99.24	598380	1	. . Hose Assembly
41	R13809366	5	. Capscrew	99.25	598381	1	. . Hose Assembly
42	R13811189	6	. Locknut				
43	R13810993	4	. Capscrew				
44	231249	3	. Clamp				
45	231296	6	. Clamp				
46	209512	4	. Fitting				
47	R13810999	2	. Capscrew				

Fire Suppression System should be serviced
by an authorized ANSUL service technician.

Fire Suppression Installation, Auto



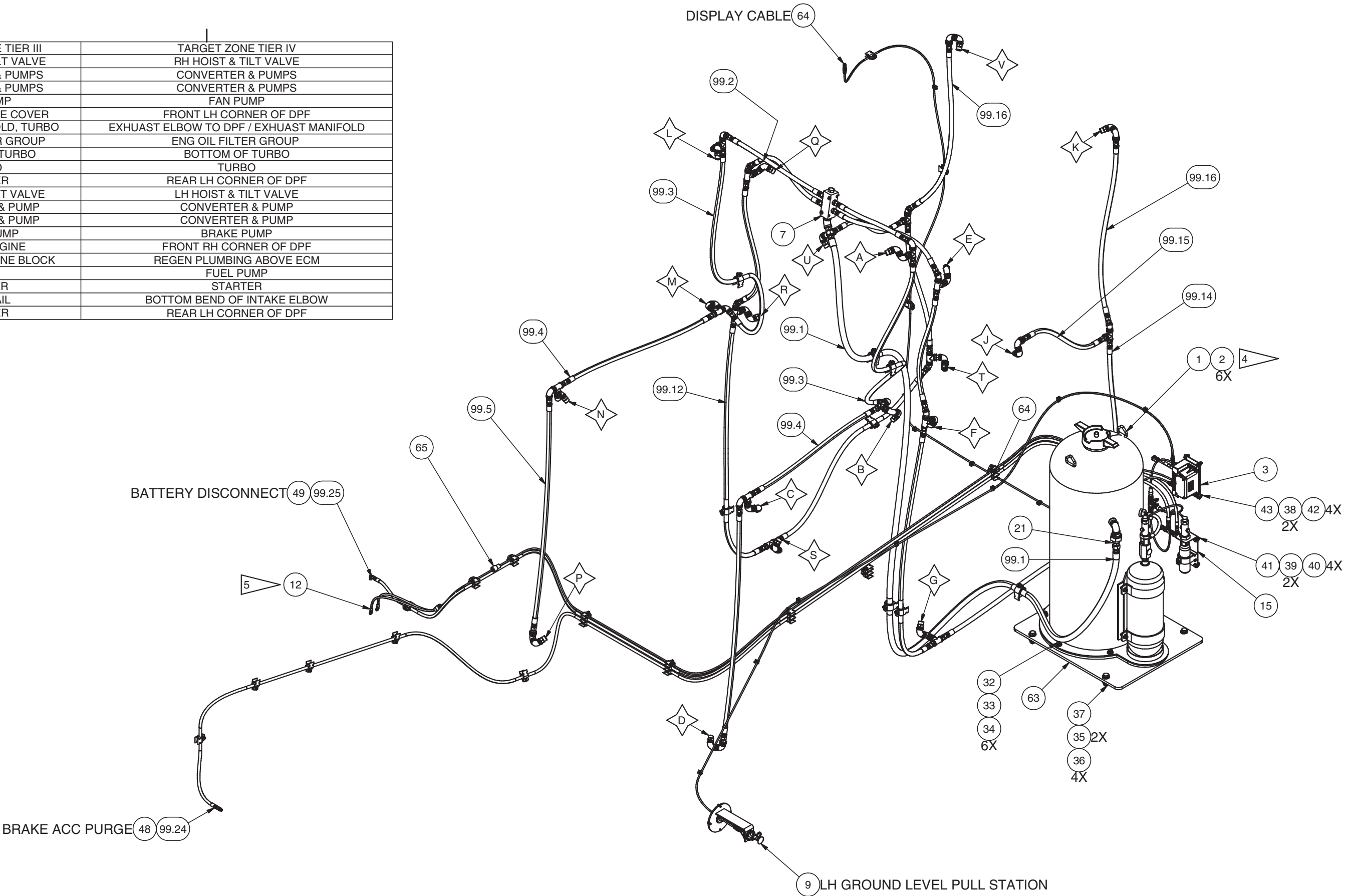
NOTES:

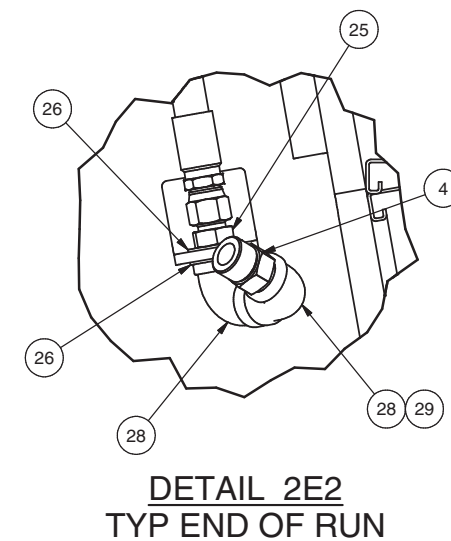
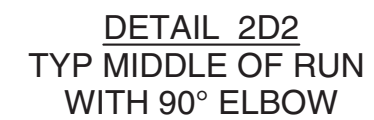
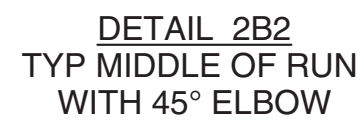
2. ITEMS 67, 68, 69, 70, & 71 ARE NOT SHOWN. ITEM 69 COMES WITH NOZZLE KIT. ITEM 67 IS TO BE USED WHEN PASSING HOSE THROUGH OR AROUND ANY SHARP EDGES OF A DECK OR BULKHEAD. THE USE OF ITEM 68 IS TO BE USED ON ALL THREADED PIPE CONNECTIONS. DO NOT ALLOW TAPE INSIDE OF CONNECTION. THE USE OF LIQUID SEALANTS IS NOT APPROVED BY ANSUL. ITEM 70 IS TO BE USED AS REQUIRED TO ENSURE A TIGHT CONNECTION WHEN ATTACHING FITTINGS TO NOZZLE BRACKET.

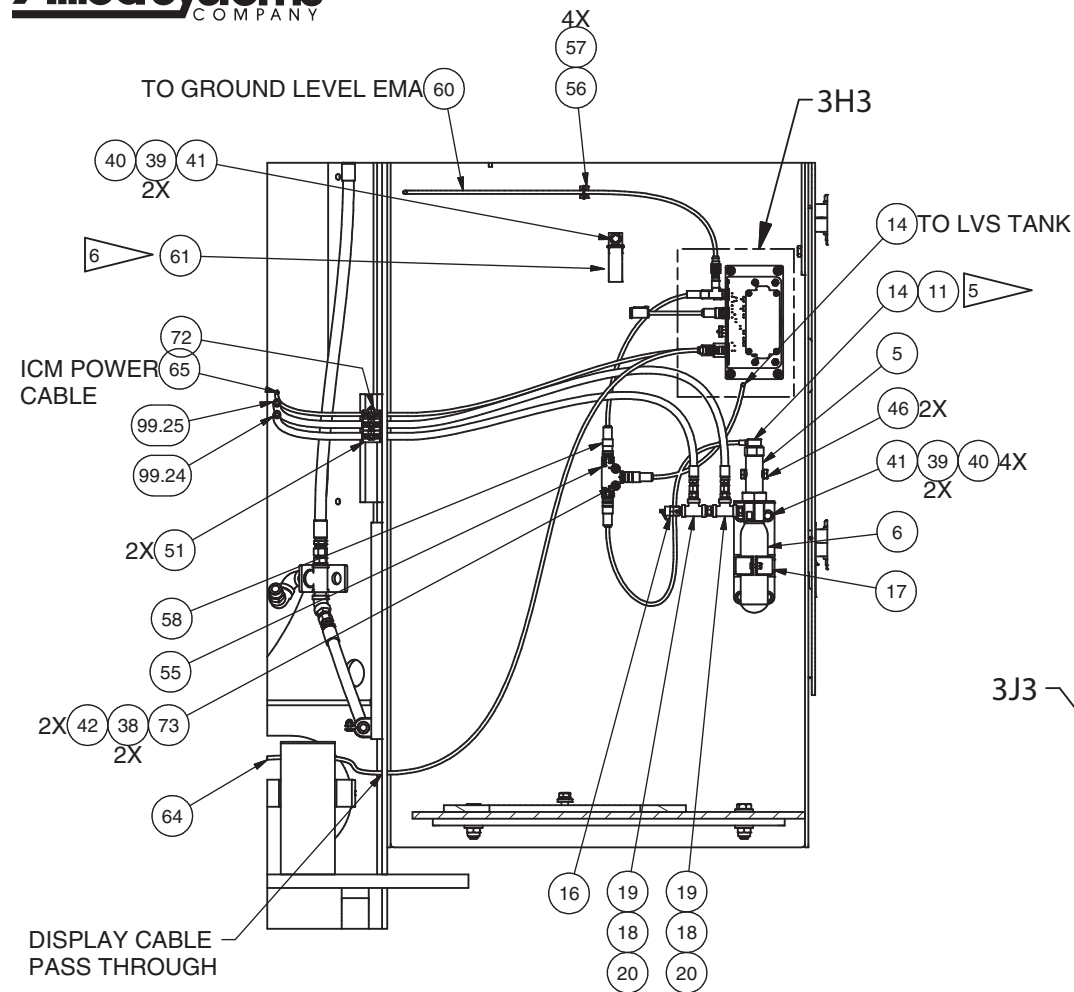
3. ANSUL RECOMMENDS THE FOLLOWING MINIMUM BEND RADII FOR PARKER 26 SERIES HOSES. #4 --- 4.00 IN, #8---7.00 IN, #12---9.50 IN. ALL ANSUL CABLES HAVE A MINIMUM BEND RADII OF 2.5 INCHES.

- 4 WHEN FILLING TANK USE A FUNNEL AND LONG HOSE THAT REACHES BOTTOM OF TANK TO PREVENT SLOSHING OF LIQUID FOAM AGENT. THE CHEMICAL FOAM BUBBLES MAY TAKE DAYS TO DISSIPATE WHEN AGITATED.
- 5 DO NOT INSTALL ITEM 11. THIS WILL ARM FIRE SUPPRESSION SYSTEM. THE ADDITION OF POWER BY ITEM 10 (BATTERY) OR 11 (POWER CABLE) WILL ACTIVATE SYSTEM FOR NORMAL DUTY.
- 6 ITEM 61 IS USED TO STOW EXTRA CABLES, BY COILING WIRES AND STRAPPING IN PLACE.

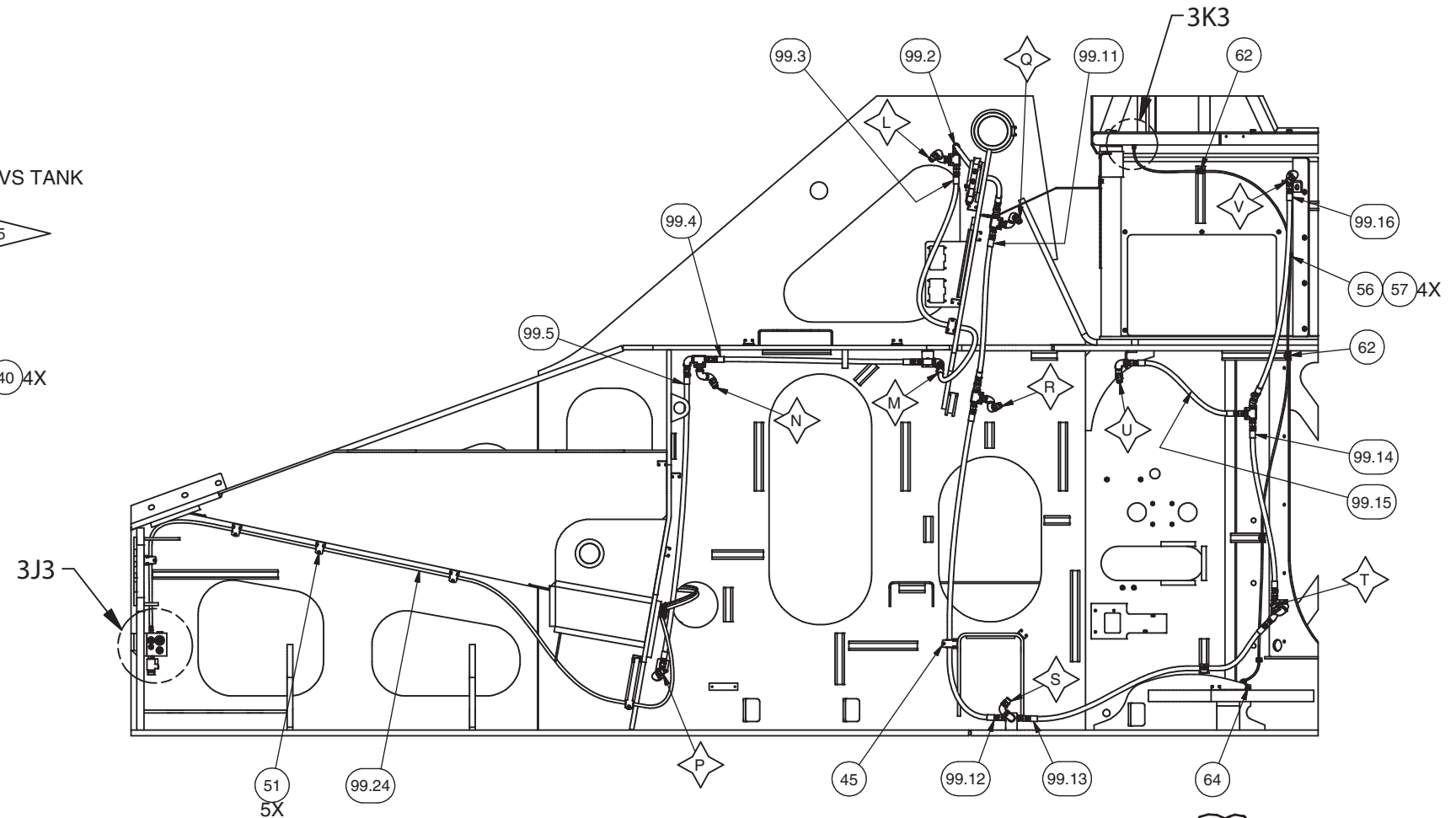
NOZZLE	TARGET ZONE TIER III	TARGET ZONE TIER IV
A	RH HOIST & TILT VALVE	RH HOIST & TILT VALVE
B	CONVERTER & PUMPS	CONVERTER & PUMPS
C	CONVERTER & PUMPS	CONVERTER & PUMPS
D	FAN PUMP	FAN PUMP
E	TOP LEFT VALVE COVER	FRONT LH CORNER OF DPF
F	EXHUAUST MANIFOLD, TURBO	EXHUAUST ELBOW TO DPF / EXHUAUST MANIFOLD
G	ENG OIL FILTER GROUP	ENG OIL FILTER GROUP
H	BOTTOM OF TURBO	BOTTOM OF TURBO
J	TURBO	TURBO
K	MUFFLER	REAR LH CORNER OF DPF
L	LH HOIST & TILT VALVE	LH HOIST & TILT VALVE
M	CONVERTER & PUMP	CONVERTER & PUMP
N	CONVERTER & PUMP	CONVERTER & PUMP
P	BRAKE PUMP	BRAKE PUMP
Q	TOP OF ENGINE	FRONT RH CORNER OF DPF
R	RH SIDE OF ENGINE BLOCK	REGEN PLUMBING ABOVE ECM
S	ECM	FUEL PUMP
T	STARTER	STARTER
U	FUEL RAIL	BOTTOM BEND OF INTAKE ELBOW
V	MUFFLER	REAR LH CORNER OF DPF



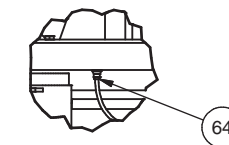




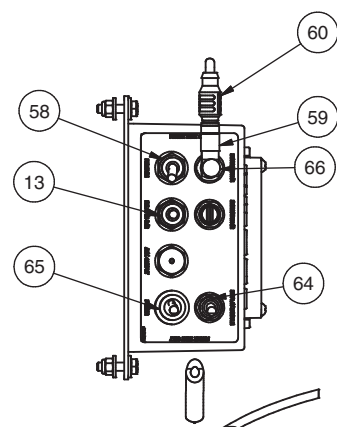
SECTION 3F1-3F1
SOME PARTS REMOVED FOR CLARITY
MOUNT COMPOUNETS AS SHOWN



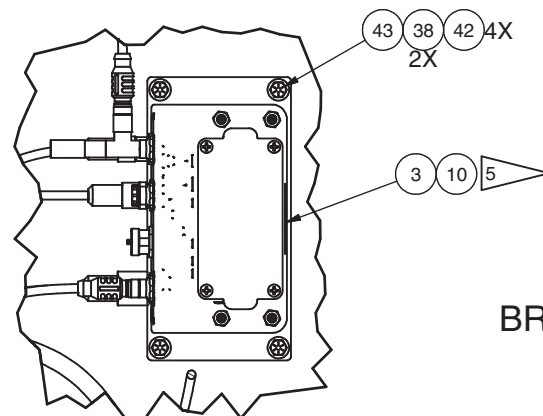
SECTION 3G1-3G1
SOME PARTS REMOVED FOR CLARITY



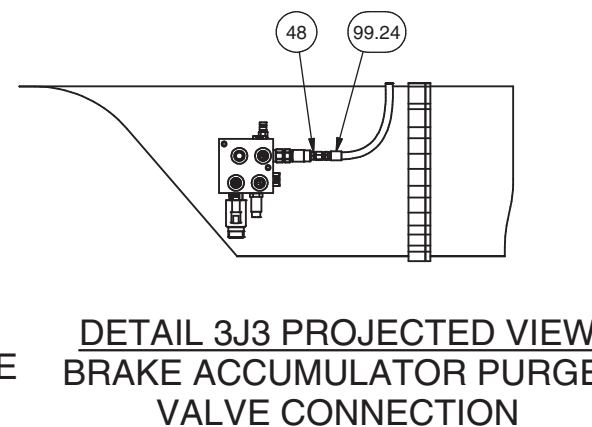
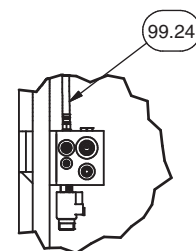
DETAIL 3K3
DISPLAY CABLE CAB
CONNECTION LOCATION



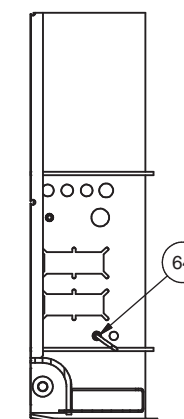
DETAIL 3H3
ICM DETAILS



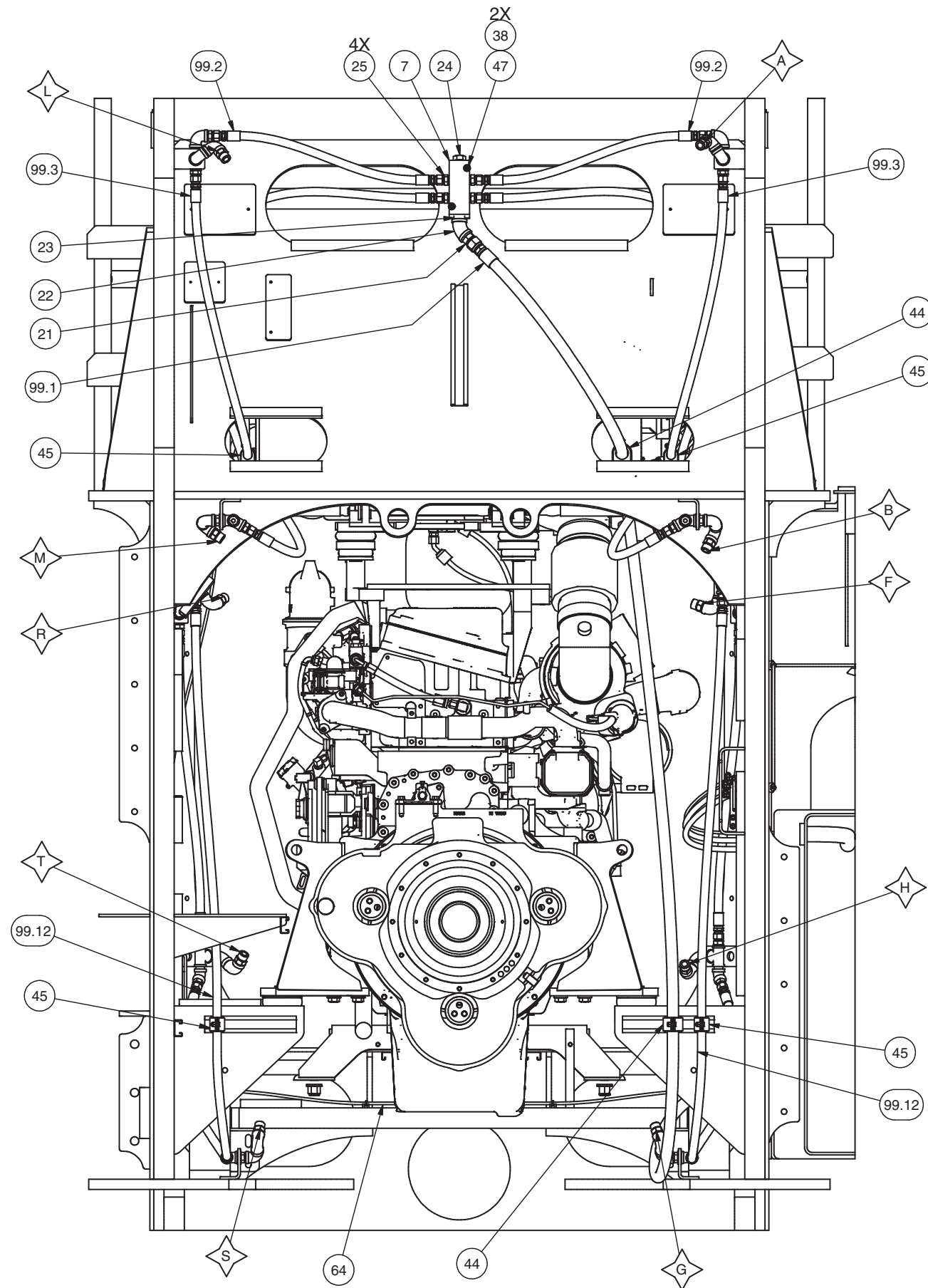
DETAIL 3J3
BRAKE ACCUMULATOR PURGE
VALVE CONNECTION



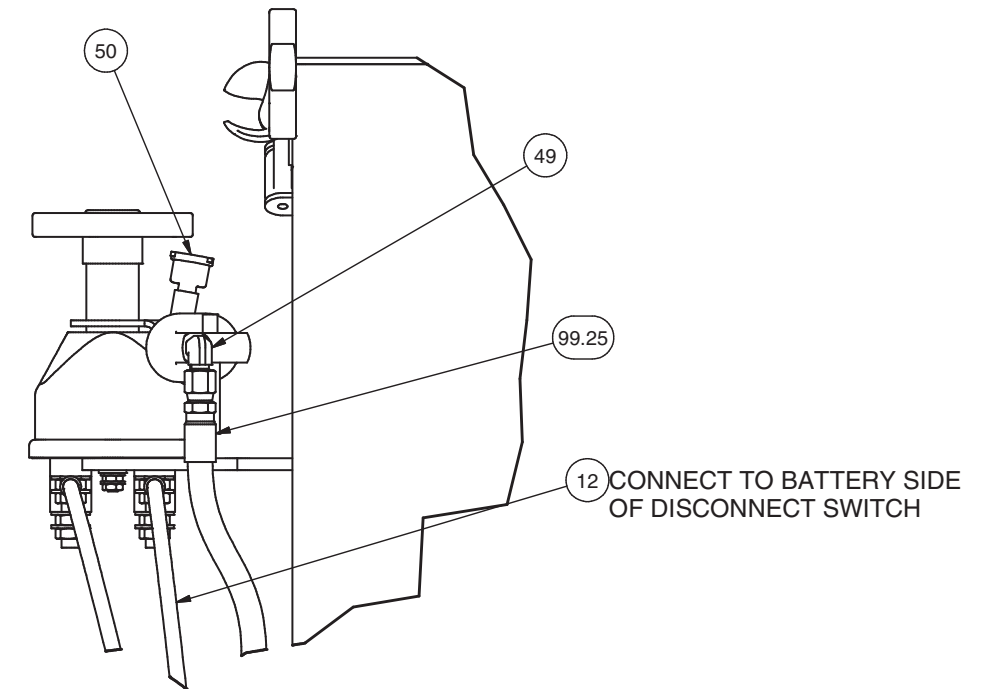
DETAIL 3J3 PROJECTED VIEW
BRAKE ACCUMULATOR PURGE
VALVE CONNECTION



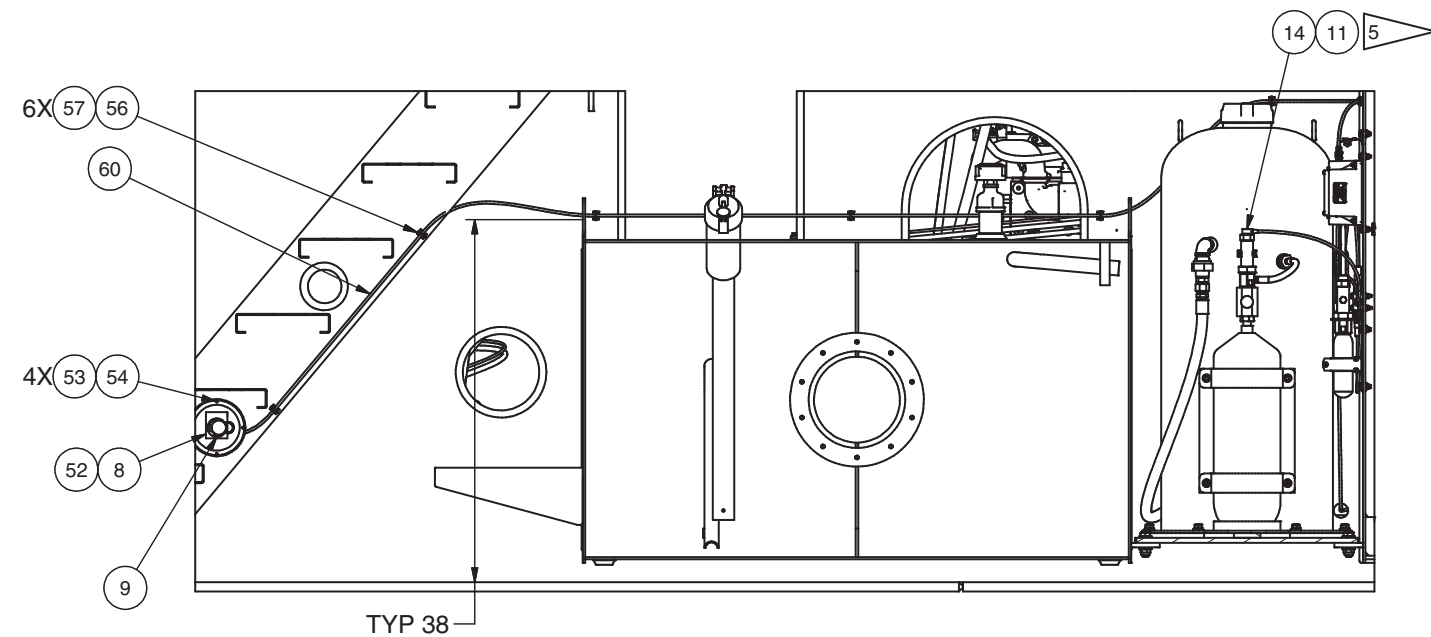
DETAIL 3K3 PROJECTED VIEW
DISPLAY CABLE CAB
CONNECTION LOCATION



SECTION 4N1-4N1
DISTRIBUTION MANIFOLD ASSEMBLY



DETAIL 4N1
BATTERY DISCONNECT CONNECTIONS
SEE ELECTRICAL SYSTEM FOR CONTINUATION



SECTION 4P1-4P1
LH GROUND LEVEL PULL STATION (EMA) INSTALLATION
ROUTE WIRE AS SHOWN