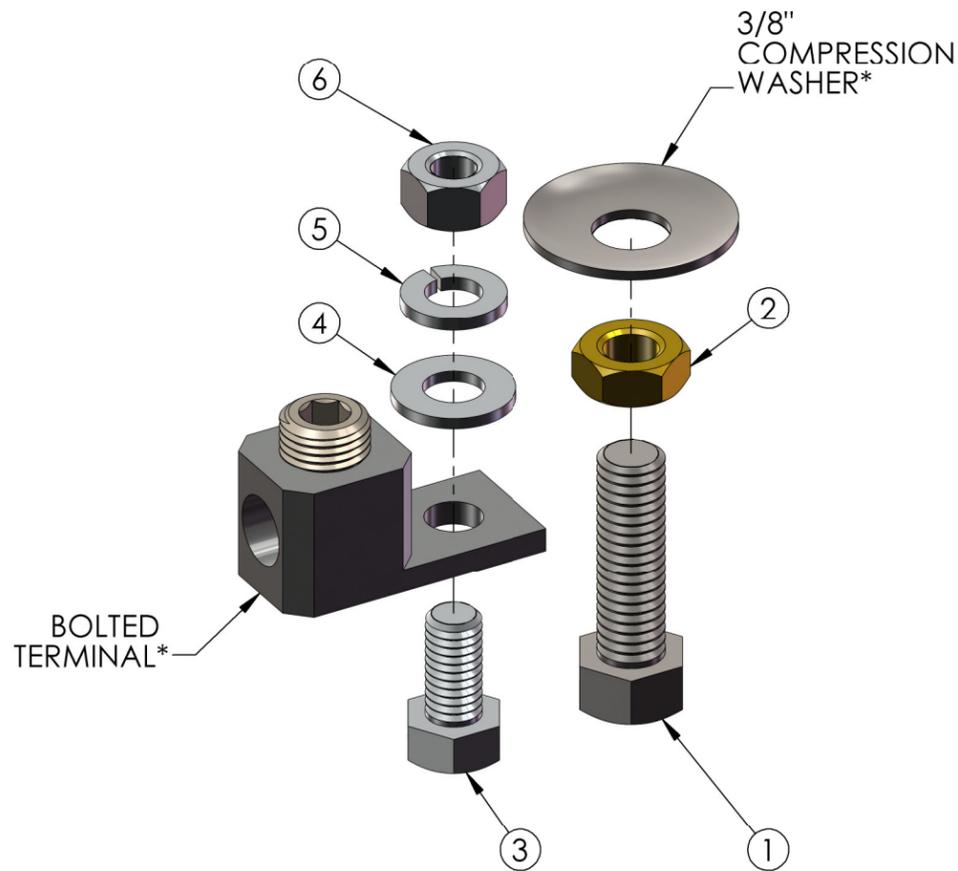
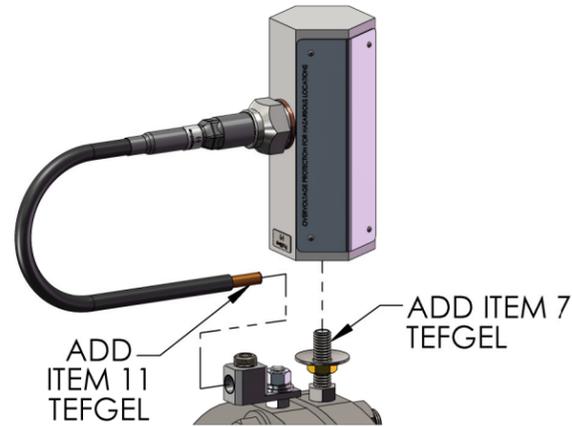


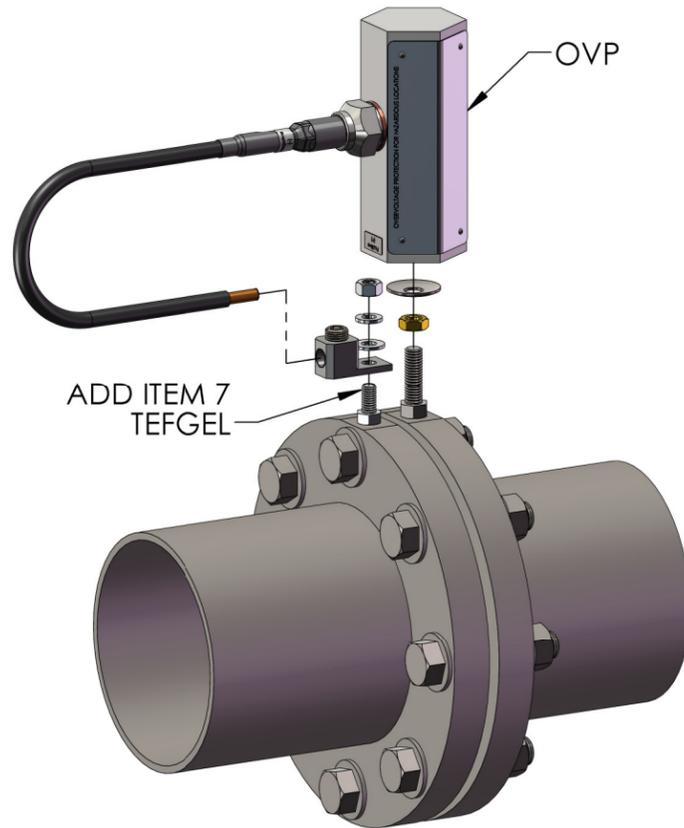
BILL-OF-MATERIAL
KIT#: 2402

DOCUMENT NAME: FMWHB-B OVP FLANGE MTG W WELDED HEX BOLTS

LINE NO.	DOCUMENT NUMBER	DESCRIPTION	QTY.
1	1053	SCREW HEX 3/8-16X1.25"	1
2	1185	NUT JAM HEX BRASS 3/8-16	1
3	1193	SCREW HEX 5/16-18X0.625"	1
4	1194	WASHER FLAT 5/16"	1
5	1195	WASHER SPLIT LOCK 5/16"	1
6	1196	NUT HEX 5/16-18	1
7	3041	TEF-GEL	1



* THESE PARTS, PLUS ALLEN WRENCH, SUPPLIED WITH OVP



FMWHB INSTALLATION INSTRUCTIONS:

1. WELD THE HEADS OF THE 3/8" AND 5/16" BOLTS IN THE CENTER OF EACH FLANGE AS ILLUSTRATED WITH THE AXIS OF EACH BOLT PERPENDICULAR TO THE FLANGE.
2. THREAD THE 3/8" NUT ON THE STUD APPROXIMATELY 5/8" FOLLOWED BY A 3/8" COMPRESSION WASHER INSTALLED SO THE OUTSIDE EDGES OF THE WASHER ARE CURVED UPWARD.
3. APPLY TEFGEL CORROSION INHIBITOR ON THE EXPOSED STUD THREADS ABOVE THE WASHER.
4. THREAD THE OVP BODY OVER THE 3/8" STUD $\approx 1/2"$ AND ORIENT THE OVP CABLE EXIT DIRECTION AS DESIRED. TIGHTEN THE 3/8" NUT FIRMLY AGAINST THE BOTTOM END OF THE OVP BODY
5. BEND THE END OF THE LEAD ON THE OVP SO IT IS ADJACENT TO THE 5/16" STUD AND DETERMINE HOW MUCH OF THE LEAD CAN BE CUT OFF AND STILL ALLOW THE LEAD TO BE CONNECTED TO THIS STUD WHEN THE CONNECTOR IS ATTACHED. CUT OFF THE EXCESS LEAD. (NOTE: FOR BEST OVER-VOLTAGE PROTECTION FROM LIGHTNING, LEADS SHOULD BE KEPT AS SHORT AS POSSIBLE DUE TO THE INDUCTIVE VOLTAGE DROP IN THE LEAD.)
6. STRIP $\approx 3/4"$ OF INSULATION FROM THE LEAD, APPLY TEFGEL OVER THE BARE CONDUCTOR AND INSERT INTO THE CONNECTOR. TIGHTEN THE CONNECTOR SET SCREW WITH THE HEX WRENCH PROVIDED TO THE EXTENT FEASIBLE.
7. APPLY TEFGEL OVER THE THREADS OF THE 5/16" BOLT. PLACE THE CABLE TERMINAL OVER THE BOLT FOLLOWED BY A FLAT WASHER, SPLIT LOCK WASHER, AND NUT. TIGHTEN THE NUT FIRMLY WHILE PREVENTING THE CONNECTOR BODY FROM ROTATING. NOW THAT THE CONNECTOR IS SECURED, FURTHER TIGHTEN THE HEX SCREW SECURING THE CONDUCTOR.

ANSI Y14.5M 1994 APPLIES
UNLESS NOTED
UNITS: INCHES
3-PLACE: ± 0.005
2-PLACE: ± 0.015
1-PLACE / FRAC: ± 0.03
ANGULAR: ± 1



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DESCRIPTION				
FMWHB INSTALLATION				
DOCUMENT #	REV	DATE DRAWN	DWG SIZE	DATE APPROVAL
100053	B	2014-02-10	B	2019-03-14
SCALE 1:1	DRAWN: JPW	SHEET: 1 OF 1	DWG APPROVAL: JWV	