

"The Standard of the Industry"



Document Number:

SF944-INST

Description:

INSTRUCTION SHEET

CATVS ON SMM HD TERMINATION

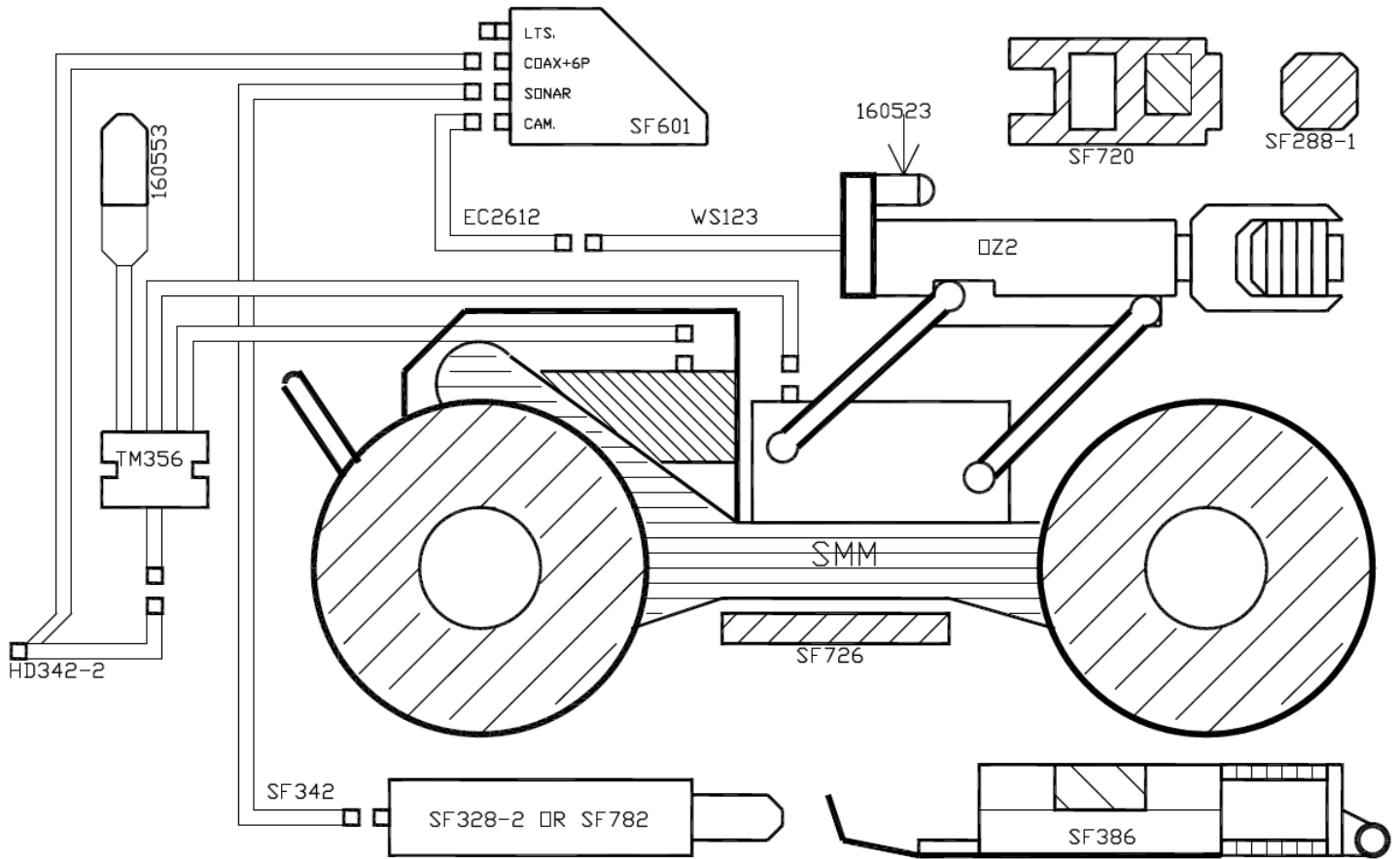
Signature: Karla Caraballo CHKR

Signature: Tony Winiewicz ENGR

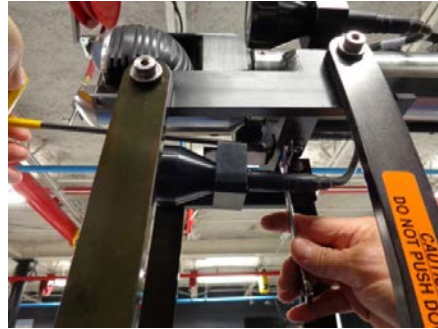
Signature: [Signature] MFG

ECN: _____ Revision: ____





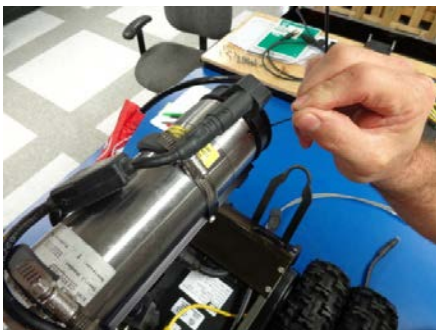
SF944 CATVS SMM DUC TRUCK KIT BOM			
ITEM	QTY	DESCRIPTION	CUES P/N
1	1	ELEC ENCL,DWNHL,ANLG TV/SNR,SNG CBL	SF601
2	1	CABLE ASSY,CATVS TX TO M.E. SONAR	SF342
3	1	PLATE, MOUNTING, MM, CATVS	SF720
4	1	Y ELIMINATOR,90° W/TAP,PR,NO LIFT	WS123
5	1	ADAPTER,HD12>CATVS,STRAIGHT,52"	HD342-2
6	1	DUMMY PLUG,2-PIN MALE	160523
7	1	CABLE,LGHTHD,HPL 8 & 10 16.75"	160627
8	10	CLAMP,CABLE NYLON 3/8ID	121003
9	10	SCREW,PAN,10-32X3/8 SST	103031
10	2	SCREW,CAPSKT,10-32X.75,SCS BLK	HW925
11	10	MRO-TIE,CABLE,3/16"X14" BLACK	440302
12	1	GUARD,SONAR,MARINE ELECTRONICS,SFX	SF386
13	1	PLATE,MNTING,MM,CATVS,DWNHOLE	SF288-1
14	1	CORDSET,M12,5P,STR,M-F,1M,TURCK	EC2612
15	1	COVER,SMM,CABLE GROOVE,SONAR	SF726
16	2	SCREW,CAP,SKT HD,10-32X1/2,SST	102001
17	2	SCREW,CAP,SKT HD,1/4-20X1/2,SST	101001
18	4	SCREW,CAP,SKT HD,1/4-20X1-1/4,SST	104044
22	4	SCREW,CAP,SKT HD,3/8-16X5/8,SST	101250
23	1	DUMMY PLUG,5-PIN MALE	160553
24	4	MRO-MOUNT,CABLE TIE	505147
25	10	MRO-TIE,CABLE,14"X5/16"BLACK	440305
26	10	MRO-TIE,CABLE,3/32" X 4",BLACK	CS444
27	10	MRO-TIE,CABLE,3/16"X7-1/2"BLACK	440304
28	8	SCREW,PAN,8-32X3/8 PHIL SST	103065
29	2	SCREW,FLAT,3/8-16X1 1/2 SKT BLKOX	101238
999	1	INST,CATVS,SMM,HD TERMINATION	SF944-INST



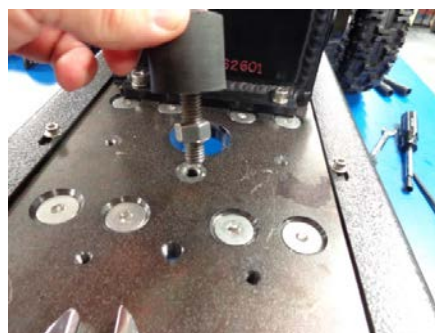
STEP 1- BRING THE LIFT UP AND REMOVE THE BOTTOM EXTERNAL LIGHTHEAD.



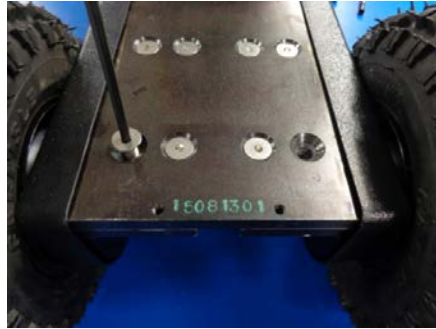
STEP 2- UNPLUG BOTH TOP EXTERNAL LIGHTS.



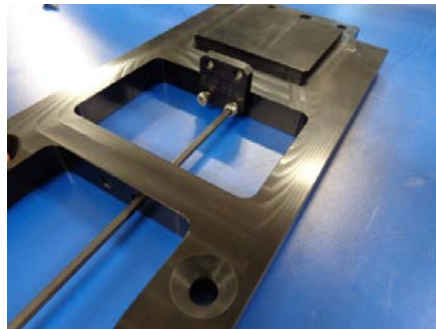
STEP 3- REMOVE THE THREE SET SCREWS IN THE BACK OF THE CAMERA AND REMOVE THE Y-ELIMINATOR AND UNPLUG Y-ELIMINATOR FROM THE 5 PIN CONNECTOR.



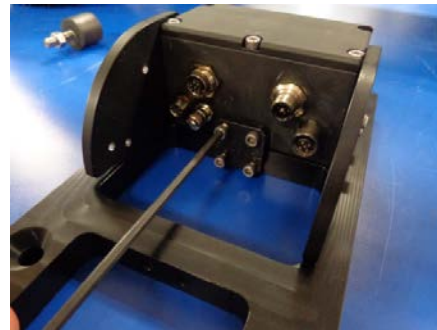
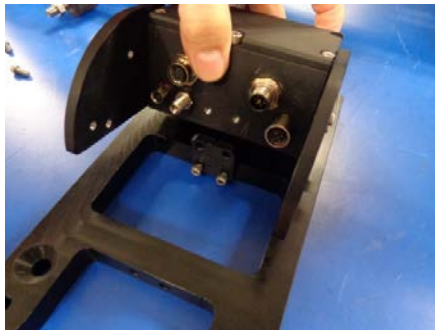
STEP 4- LOOSEN THE BUMPER NUT AND REMOVE THE BUMPER.



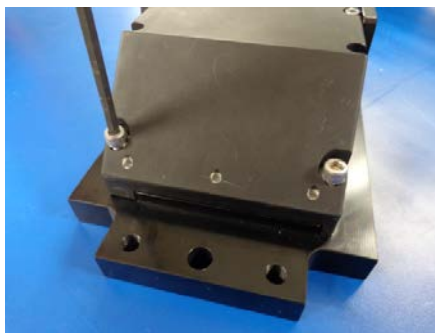
STEP 5- REMOVE THE TWO FRONT EXTERNAL SCREWS.



STEP 6- LOOSELY INSTALL THE SF288-1 PLATE TO THE SF720 PLATE USING SCREWS 101001.



STEP 7- PLACE THE TRANSMITTER SF601 ON THE SF720 PLATE AND LOOSELY INSTALL THE TWO REAR SCREWS 102001 ON THE TRANSMITTER.



STEP 8- INSTALL AND TIGHTEN THE TWO FRONT SCREWS 104044 AND THEN TIGHTEN THE FOUR REAR SCREWS ON THE TRANSMITTER.



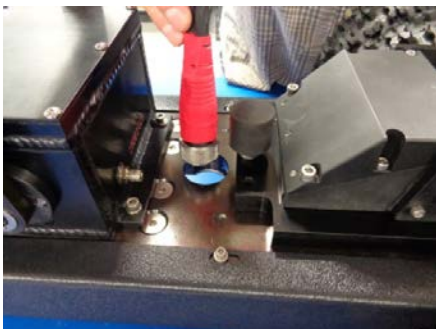
STEP 9- INSTALL BUMPER BY HAND.



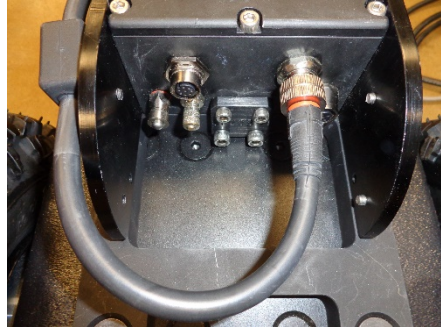
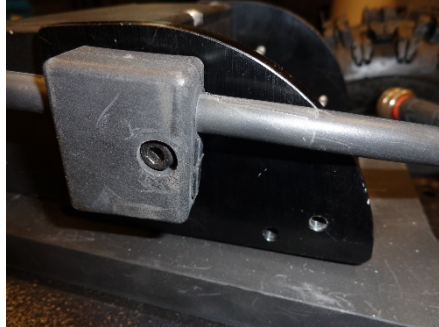
STEP 10- INSTALL THE TWO FRONT EXTERNAL SCREWS 101238.



STEP 11- SCREW THE BUMPER ALL THE WAY DOWN AND TIGHTEN THE BUMPER NUT.



STEP 12- INSERT THE HD12 END OF THE HD342-2 CABLE THROUGH THE TOP OF THE FRONT HOLE ON THE SMM AND ROUTE TOWARDS THE BACK OF THE TRANSPORTER IN THE CHANNEL.

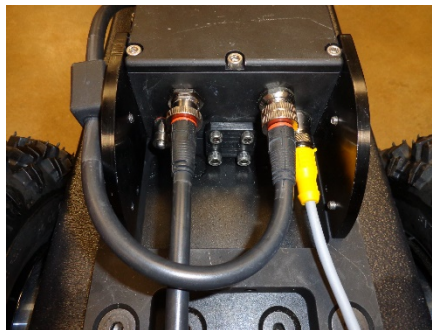


STEP 13- SECURE THE HD342-2 STRAIN RELIEF BLOCK TO THE LEFT WING OF THE TRANSMITTER BOX USING SCREW HW925.

STEP 14- PLUG THE HD342-2 CABLE TO THE "COAX+6P" CONNECTOR ON THE TRANSMITTER BOX



STEP 15- CONNECT THE CAMERA EXTENSION P/N EC2612 TO THE "CAM" CONNECTOR ON THE TRANSMITTER BOX.



STEP 16- CONNECT THE SONAR CABLE SF342 TO THE "SONAR" CONNECTOR ON THE TRANSMITTER BOX.



STEP 17- INSTALL TWO CABLE CLAMPS 121003 USING SCREWS 103031 ON THE RIGHT WING OF THE TRANSMITTER; ONE FOR THE SONAR CABLE AND ONE FOR THE CAMERA EXTENSION CABLE AS SHOWN.



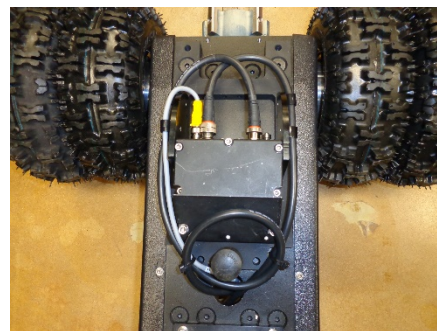
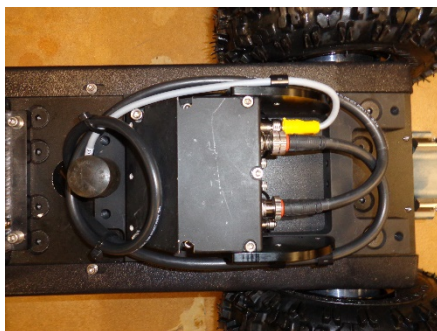
STEP 18- INSERT THE SONAR CABLE THROUGH THE FRONT HOLE IN THE CHASSIS.



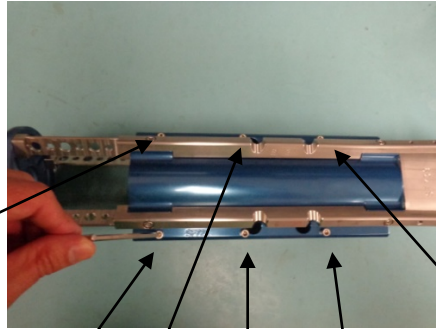
STEP 19- INSERT THE CAMERA EXTENSION CABLE THROUGH THE FRONT HOLE IN THE CHASSIS.



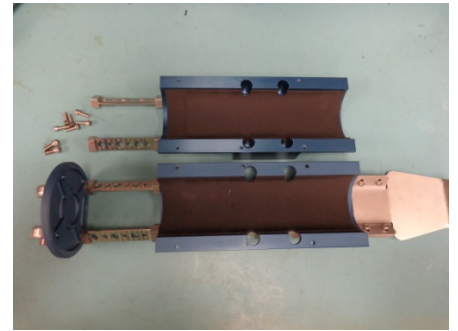
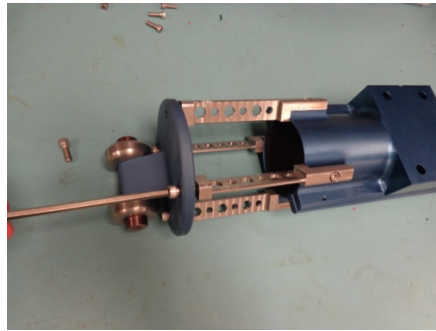
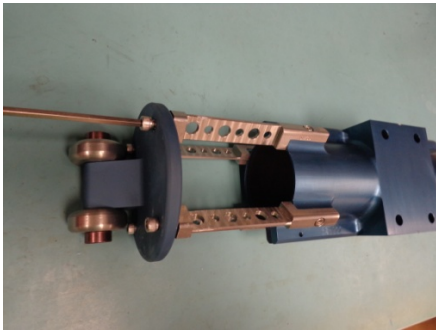
STEP 20- ROUTE THE CAMERA EXTENSION CABLE IN THE CHANNEL AND INSERT IT THROUGH THE REAR HOLE IN THE CHASSIS.



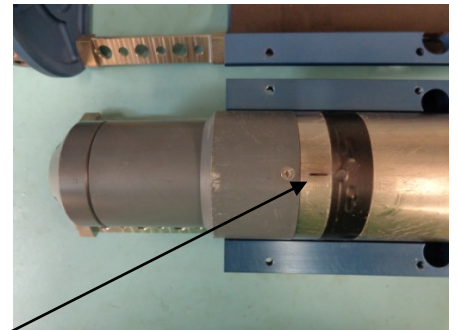
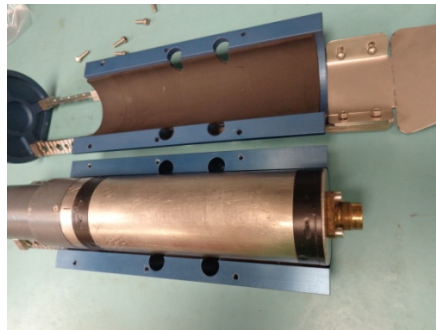
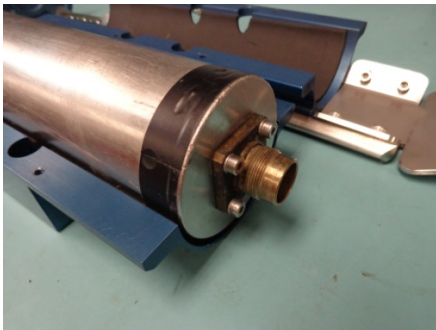
STEP 21- LOOP THE SF342 SONAR CABLE AROUND THE BUMPER AND PLACE TWO TIE WRAPS 440305 SECURING THEM TO THE CAMERA EXTENSION CABLE AND TO THE HD342-2 CABLE.



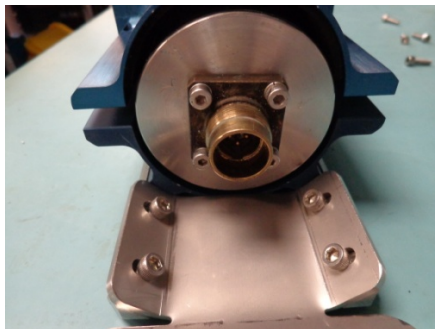
STEP 22- REMOVE THE SIX SCREWS HOLDING THE TWO BLUE SONAR CLAMPS TOGETHER ON THE SONAR GUARD SF386.



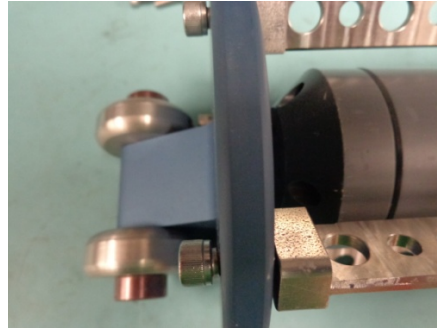
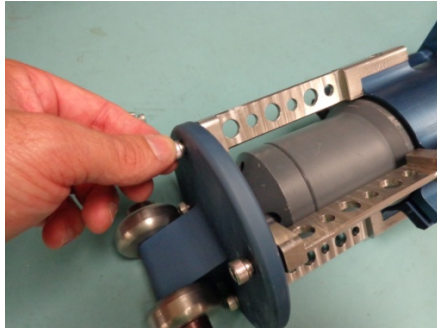
STEP 23- REMOVE THE TWO FRONT SCREWS AND SEPARATE THE TOP SONAR CLAMP FROM THE BOTTOM SONAR CLAMP WITH THE WHEELS.



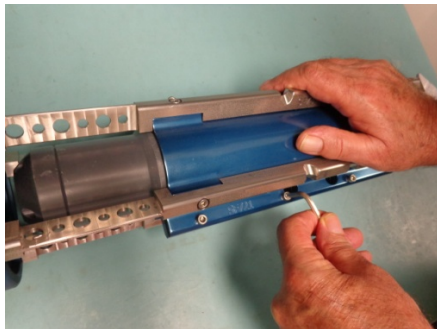
STEP 24- PLACE THE SONAR HEAD ON THE TOP SONAR CLAMP. **NOTE: PLACE THE SONAR WITH THE MARKING AWAY FROM THE CLAMP.**



STEP 25- GRAB THE SONAR AND THE TOP CLAMP AND PLACE IT ON TOP OF THE BOTTOM CLAMP. **NOTE: IN THE RIGHT PICTURE, THE TOP CLAMP WAS REMOVED TO SHOW HOW THE SONAR SHOULD SEAT ON THE BOTTOM CLAMP.**



STEP 26- LOOSELY INSTALL THE TWO FRONT SCREWS BY HAND.



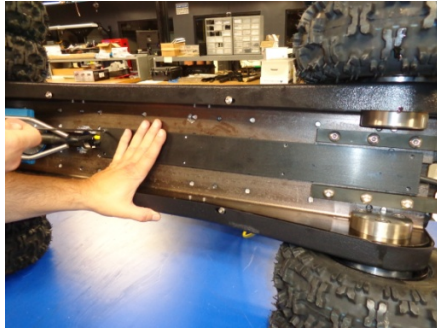
STEP 27- INSTALL ALL SIX SCREWS HOLDING THE TWO CLAMPS TOGETHER. THEN TIGHTEN THE TWO FRONT SCREWS.



STEP 28- CONNECT THE SONAR CABLE TO THE SONAR HEAD. VERIFY THAT THE CONNECTOR GETS PLUGGED IN ALL THE WAY.



STEP 29- INSTALL THE SONAR GUARD AND TIGHTEN ALL FOUR MOUNTING SCREWS 101250 IN THE FRONT AND UNDER THE TRANSPORTER. **NOTE: USE THE FOUR FRONT HOLES OF THE TRANSPORTER.**



STEP 30- INSTALL THE CHANNEL PLATE SF726 USING SCREWS 103065.



STEP 31- IF NO MOUNT SCREWS EXIST ON THE LIFT ARM, PLACE TWO STICKY CABLE MOUNTS 505147 ON THE LEFT REAR LIFT ARM.



STEP 32- PLUG THE 12 PIN END OF THE HD342-2 CABLE TO THE TRANSPORTER CABLING.



STEP 33- PLUG THE Y-ELIMINATOR WS123 TO THE CAMERA. AND TIGHTEN THE THREE SET SCREWS.



STEP 34- CONNECT THE 5 PIN DUMMY PLUG 160553 TO THE TRANSPORTER CABLING.



STEP 35- CONNECT THE DUAL LIGHT CABLE 160627 TO THE Y-ELIMINATOR WS123. **NOTICE CABLE ROUTING.**



STEP 36- PLUG BOTH EXTERNAL LIGHTS.



STEP 37- CONNECT THE CAMERA EXTENSION CABLE EC2612 TO THE Y-ELIMINATOR WS123.



STEP 38- INSTALL TWO SMALL TIE WRAPS CS444 TO SECURE THE Y ELIMINATOR AND CAMERA EXTENSION CABLE TO THE STICY TIE WRAP MOUNTS.



STEP 39- INSTALL FOUR LARGE TIE WRAPS 440304 TO SECURE THE Y ELIMINATOR AND CAMERA EXTENSION CABLE TO THE LIFT ARM.

