



Document Number:

HD903-INST

Description:

**INSTRUCTION SHEET, DUC TO
US21**

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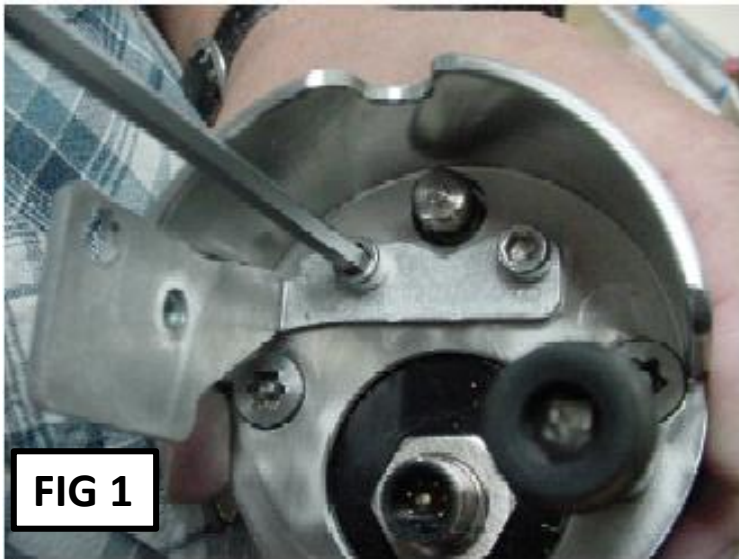
Rev	Date	ECN	Description	RC	DWN
-	11/19/10	-	INITIAL RELEASE	-	AC
A	3/11/11	11283	CHANGED ITEM 3	5	AC
B	6/18/12	11758	ADDED REFERENCE ONLY NOTES	5	AC
C	10/30/14	12543	CHANGED ITEM 5 FROM QTY 1 TO QTY 2	5	PK
D	12/2/19	14248	ADD HD380 CONFIGURATION, CHANGE TO POWER POINT	5	TW

BILL OF MATERIAL					
-1	BASIC	ITEM	DESCRIPTION	PART NO	NOTE
0	2	1	CABLE ASSY, HD12 > US21 W/ HD CAM	HD311	
1	1	5	BRACKET, MOUNTING, SPLITTER CABLE, HD CAMERA	HD047	Reference
2	2	6	SCREW, STD CAP, HEX, SKT, .25-20 X .312, 18-8, SST	HW2353	Reference
1	1	7	SCREW, STD CAP, HEX, SKT, 10-32 X .750, 18-8, SST	100121	Reference
2	0	9	CABLE ASSY,DUC,H12>US21,STRAIGHT	HD355	
1	1	10	INST SHT,DUC TO US21	HD903-INST	

Camera Cable Configuration Matrix				
Camera	HD300	HD300-1	HD300-2	HD380
Cable	HD311	HD311	HD355	HD355

Description: This document details the installation of the camera connection cables for the DUC cameras on the US21. There are several versions of the DUC camera. The HD300 and the HD300-1 versions use the right angle connector cable HD311. The HD300-2 and HD380 versions utilize the straight connector cable HD355. This document is divided into two sections: the section for the HD300 and HD300-1 cameras which use the right angle connector adapter cable HD311, and the HD300-2 and HD380 cameras which use the straight connector adapter cable HD355.

HD300 & HD300-1 Cable Installation Instructions



STEP 1 –

- HD300 AND HD300-1 ONLY. INSTALL BRACKET (HD047) AND SCREWS (HW2353)



STEP 2

- HD300 AND HD300-1 ONLY. INSTALL HD311 CABLE SPLITTER AS SHOWN. NOTE ORIENTATION OF ANTI-ROTATION FEATURE.



STEP 3

- HD300 AND HD300-1 ONLY. INSTALL SCREW (100121) AS SHOWN.

HD300 & HD300-1 Cable Installation Instructions

STEP 4

- WRAP SMALL CABLE 1-1/2 TIMES AS SHOWN.



STEP 5

- WRAP AND INSTALL LARGE CABLE CONNECTOR AS SHOWN.



HD300 & HD300-1 Cable Installation Instructions

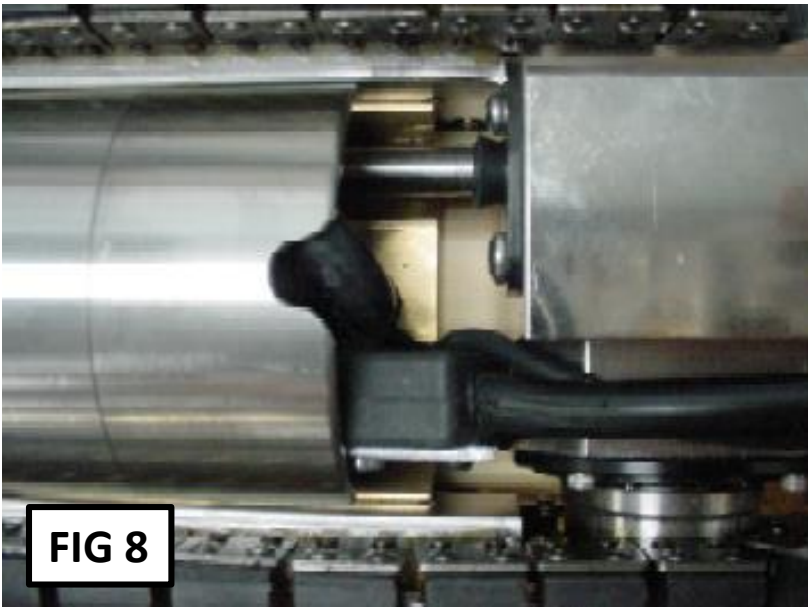
STEP 6

- CABLE SHOULD LOOK LIKE THIS AFTER INSTALLATION.



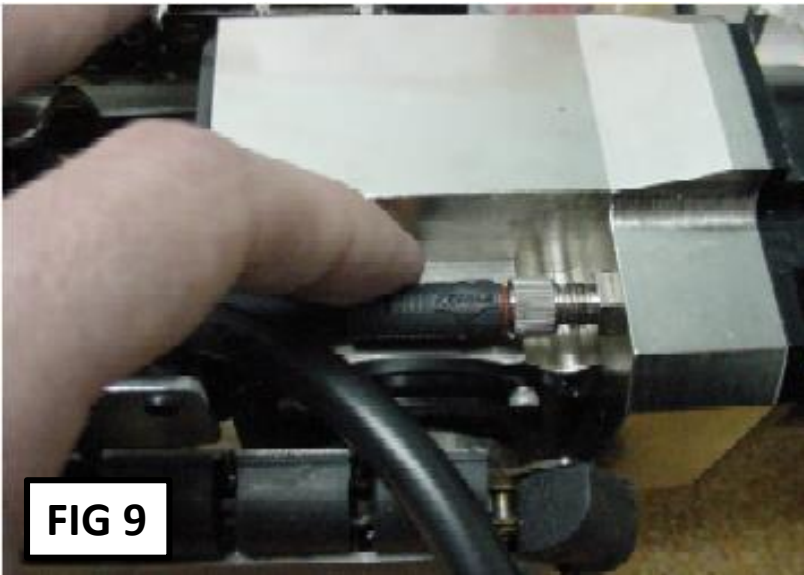
STEP 7

- PLACE CAMERA IN CRADLE AND SLIDE BACK UNTIL STOP BAR TOUCHES MOTOR/TRANSMISSION. SECURE CAMERA CLAMPS. (NOT SHOWN).



STEP 8

- INSTALL MOTOR CONNECTOR ON MOTOR/TRANSMISSION AS SHOWN.



HD300 & HD300-1 Cable Installation Instructions

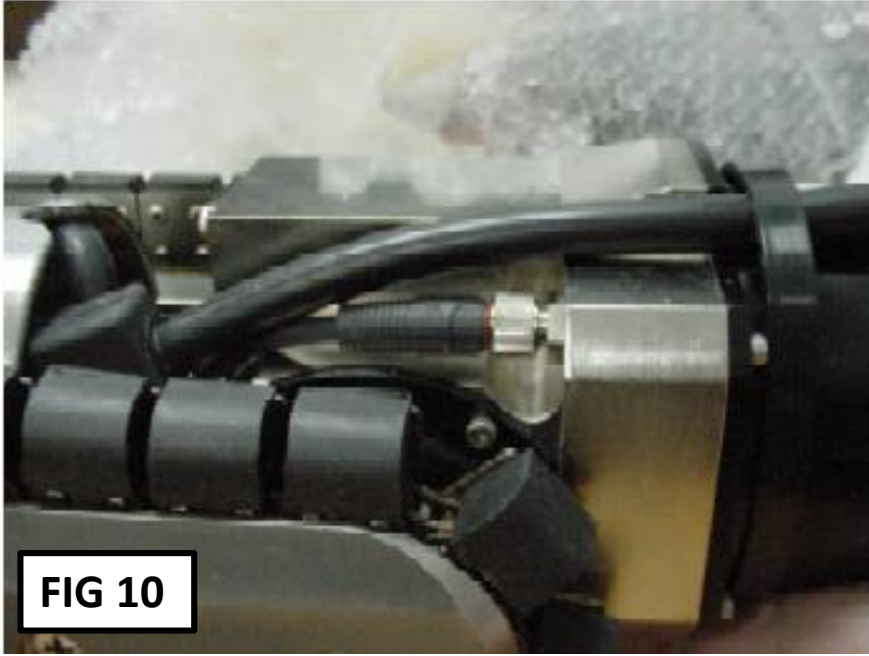
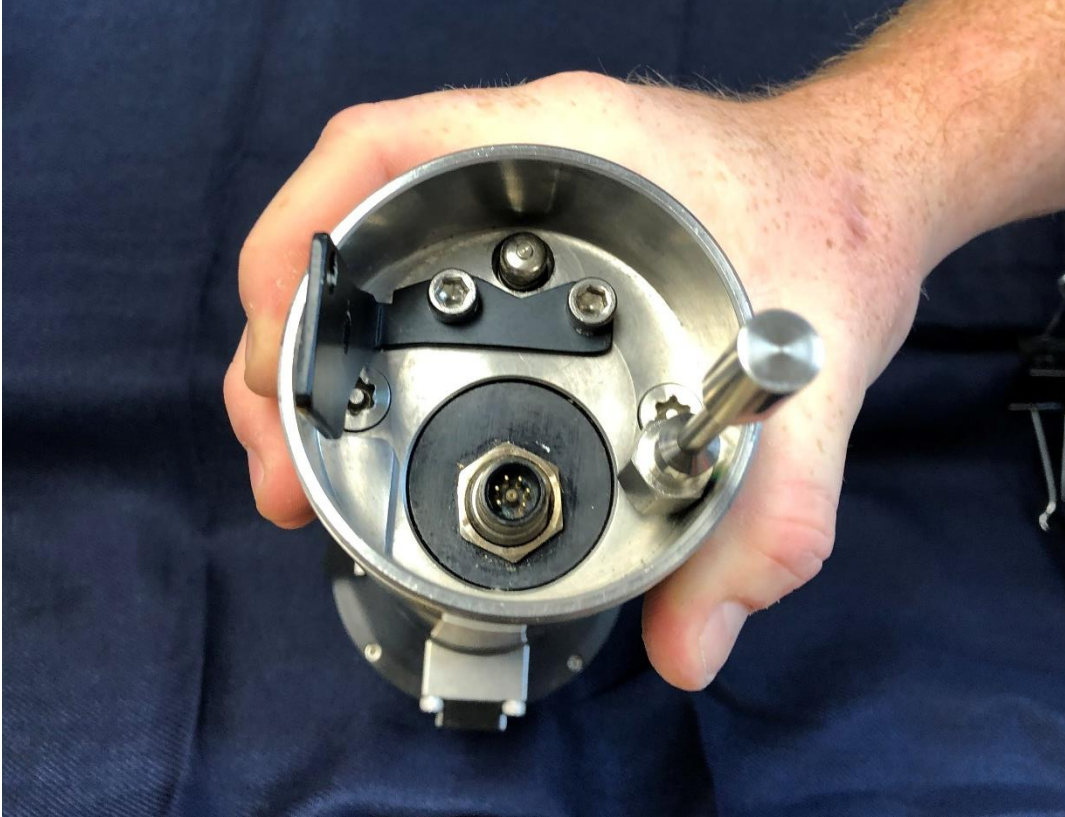


FIG 10

STEP 9

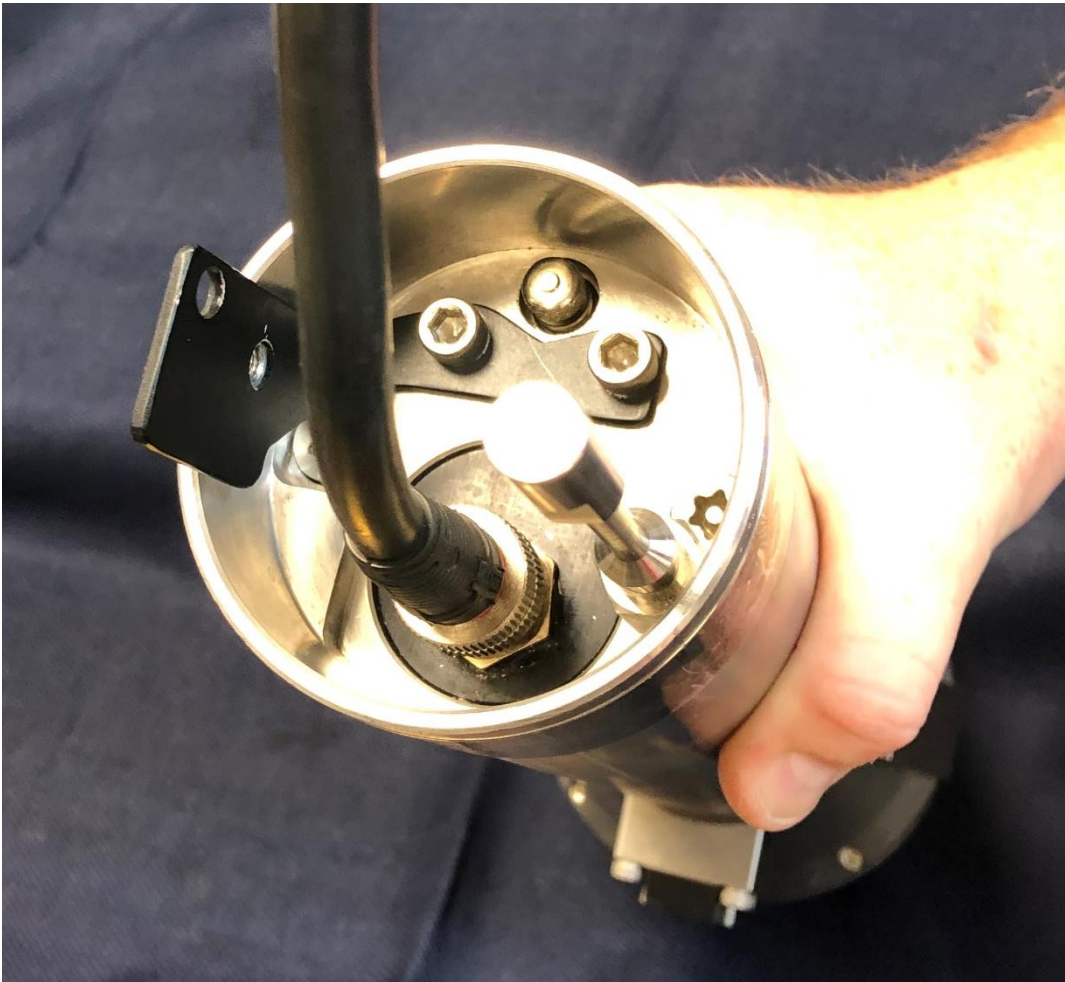
- INSTALL CABLE TIE AS SHOWN.

HD300-2 & HD380 Cable Installation Instructions



STEP 1

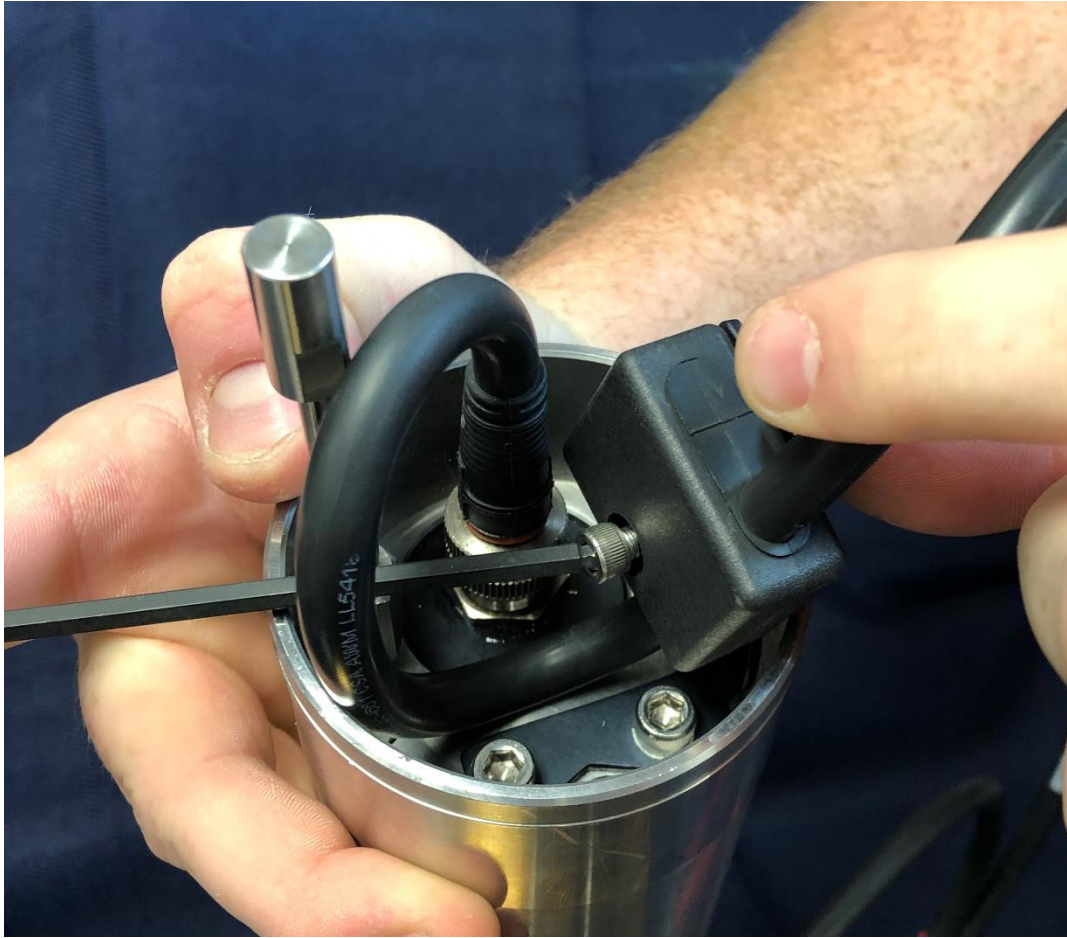
- **NOTE** – INSTALL BRACKET (HD047) AND SCREWS (HW2353)



STEP 2

- **NOTE** – ATTACH CONNECTOR.

HD300-2 & HD380 Cable Installation Instructions



STEP 3

- Push the cable forward and loop it as shown in preparation to attach it to the mounting bracket.
- Attach Strain Relief to mounting bracket by aligning rubber plug and screw to holes in bracket then tightening screw as shown.



Illustration

- The proper connection should look like this.

HD300-2 & HD380 Cable Installation Instructions



STEP 4

- Wrap small cable 1-1/2 times as shown.



STEP 5

- Place camera in cradle and slide back until stop bar touches motor-transmission.
- Secure camera clamps (not show).

HD300-2 & HD380 Cable Installation Instructions



STEP 6

- Install motor connector on motor transmission as shown.
- Install cable tie as shown.

HD300-2 & HD380 Cable Installation Instructions



Illustration

- Completed assembly should look like the illustration.