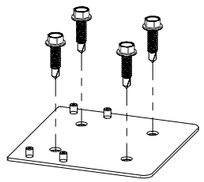
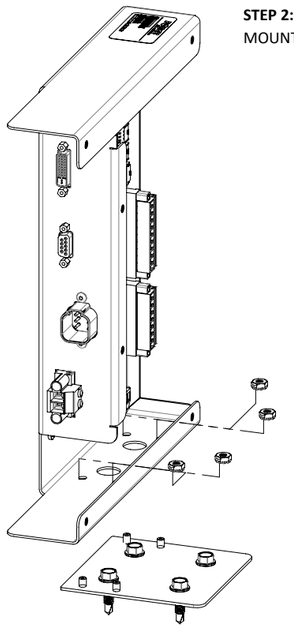
REVISIONS				
REV	ECO NUMBER	DESCRIPTION	DATE	BY
B		MODIFIED PTO SW CIRCUIT	9/4/2018	DGH
B		UPDATED TEMP/LEVEL SENSOR CHART	10/6/2020	SMT
C		ADDED GPS RELATED MOUNTING RECOMMENDATIONS	1/19/2021	MJH

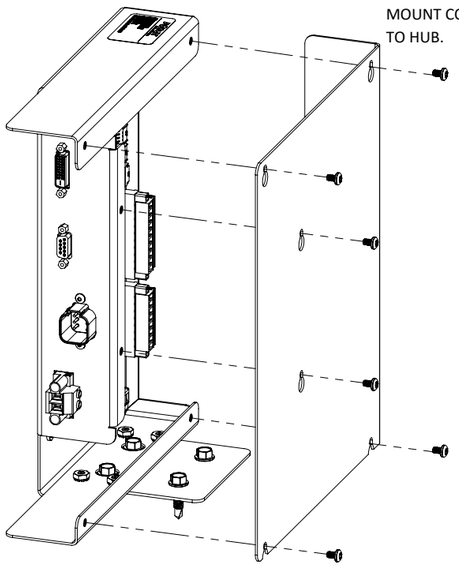
STEP 1:
MOUNT PLATE TO FLOOR.



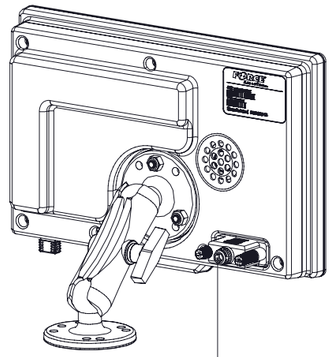
STEP 2:
MOUNT HUB TO PLATE.



STEP 3:
MOUNT COVER TO HUB.



1128698
6100 GEN 5 LCD ASSEMBLY



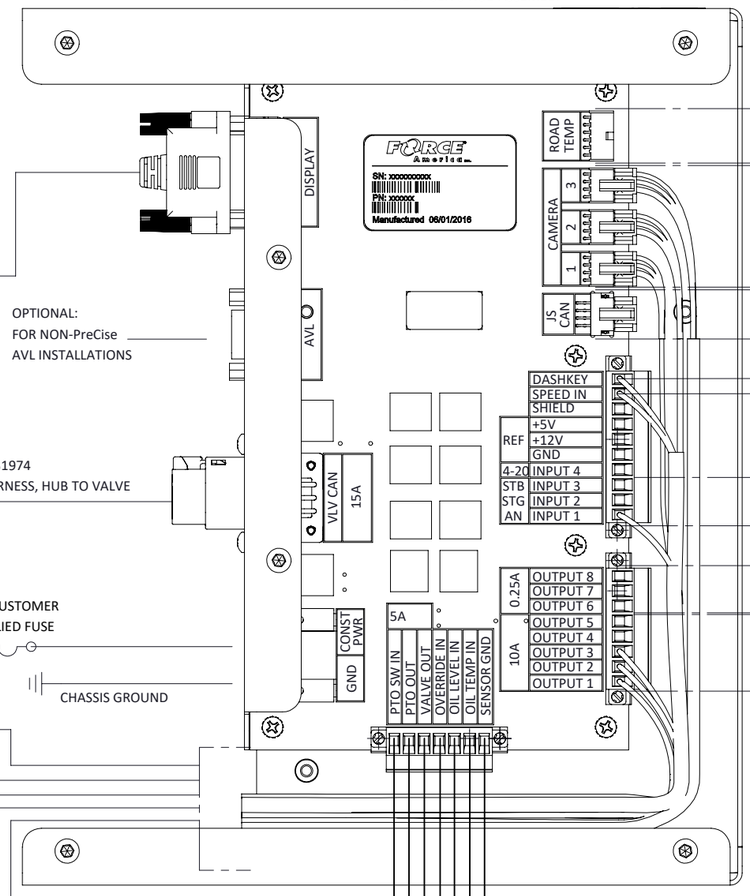
The rear panel of the SSC6100 Display needs to have a clear view of the sky for GPS reception

The recommended mounting location is on dashboard near the windshield

Note that mounting the SSC6100 display up on the headliner under a metal cab roof will significantly degrade GPS performance and may result in the inability to receive a GPS location

1129847
15FT DVI TO DVI HARNESS

1128697
6100 GEN 5 HUB ASSEMBLY



OPTIONAL WIRED TEMP SENSOR
*PreCise ARC WIRELESS SENSOR CAPABILITY ON BOARD.

CAMERAS	
POS	FUNCTION
1	PWR
2	GND
3	VIDEO SIGNAL
4	N/C

CAN JOYSTICK SYSTEM

DASHKEY
TO TRUCK SPEEDO

STANDARD INPUTS (1-3)

OUTPUTS 6-8
0.25A EACH

OUTPUTS 1-5
10A IN TOTAL

E-STOP PWR OUT

CAN OUT

CAN IN

E-STOP PWR IN

OPTIONAL:
FOR NON-PreCise
AVL INSTALLATIONS

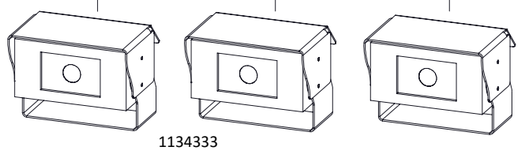
1131974
HARNESS, HUB TO VALVE

40A CUSTOMER SUPPLIED FUSE

+12V
BATTERY POWER

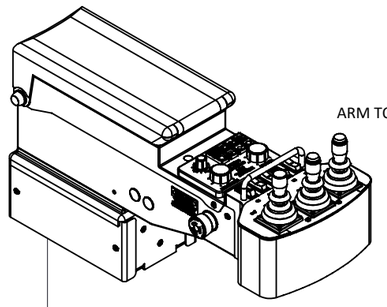
CHASSIS GROUND

OPTIONAL CAMERAS
*CAMERA 1 & 2 PRIMARY CAMERAS
*CAMERA 3 TRIGGERED ONLY CAMERA



1134333
STANDARD CAMERA KIT
3X SHOWN

DASHKEY
SPEEDOMETER
INPUTS
OUTPUTS



ARM TO JS CAN

PTO SWITCH

+12V

PTO

FOR PTO

SHUTDOWN SOLENOID

*FOR FRONT MOUNTED PUMPS

+12V

OPTIONAL
OVERRIDE SWITCH

TEMP/LEVEL SENSOR		
POS	FUNCTION	WIRE COLOR (1161339)
1	OIL LEVEL SIGNAL	BRN
2	SENSOR GND	BLU
3	SENSOR GND	
4	OIL TEMP SIGNAL	GRN/YEL

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MATERIAL

TOLERANCE - INCHES
UNLESS OTHERWISE SPECIFIED.
DEC: XX ±.010
DEC: XXX ±.005
ANGULAR: MACH ± 2°

THIRD ANGLE PROJECTION

FORCE America INC.

DRAWN BY DGH
DATE 2/28/2018
APPV'D BY
DATE

TITLE
INSTALLATION, ASSEMBLY, HUB, GEN 5

SIZE B | DWG. NO. 4511 | REV C

NOT TO SCALE | DO NOT SCALE DRAWING | SHEET 1 OF 1