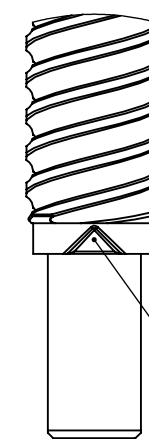


NOT TO SCALE

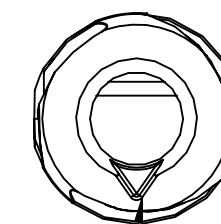
DETAIL D

SCALE 4 : 1

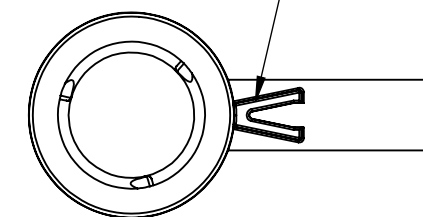


DETAIL F

SCALE 6 : 1

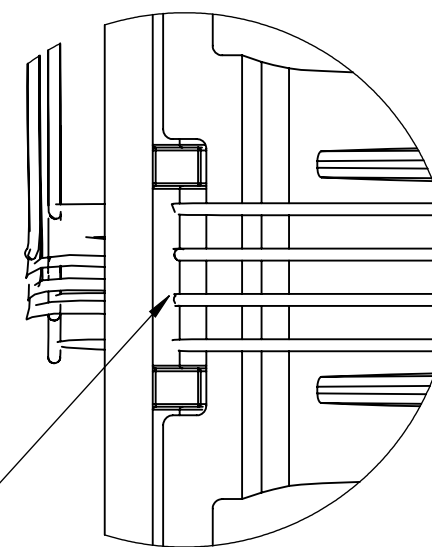


NUT AND SCREW ALIGNING MARKS



DETAIL E

SCALE 4 : 1



DETAIL G

SCALE 5 : 1

PRESSURE SENSOR WIRE ROUTES OUT OF CHANNEL, THEN THROUGH THIS SLOT IN BETWEEN DIFFUSER AND BUSHING

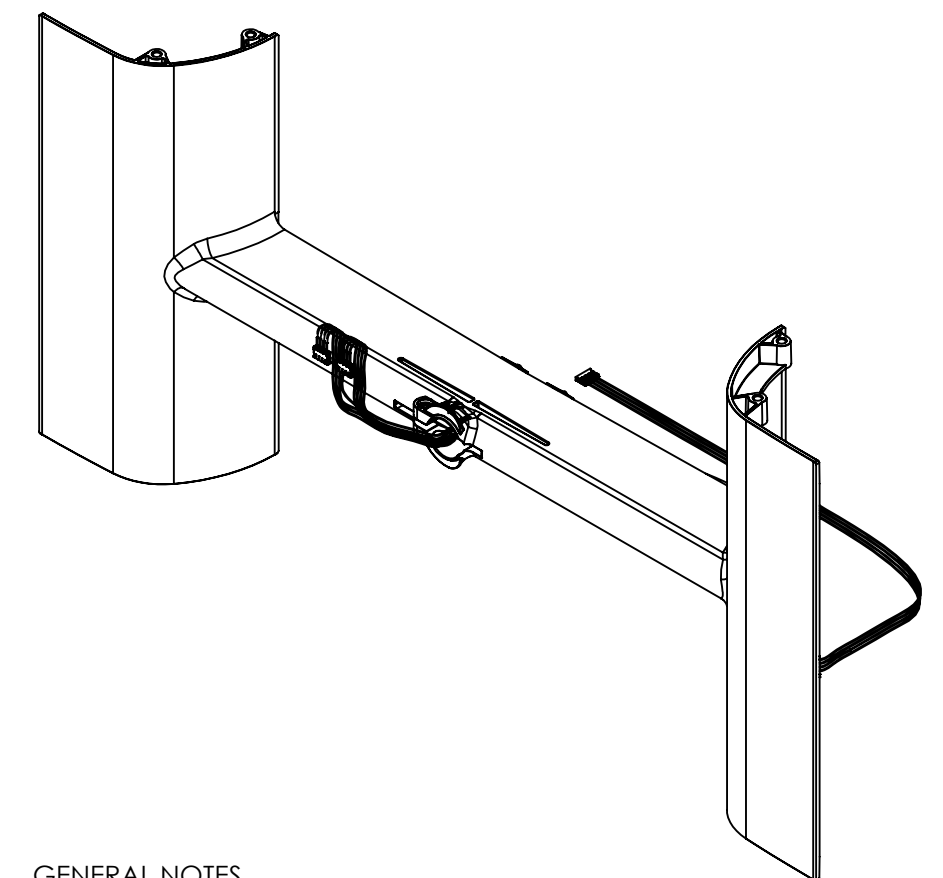
THIS ASSEMBLY PROCEDURE APPLIES TO THE FOLLOWING ASSEMBLIES:	
SIZE	PART NUMBER
10X4	801-00027
10X6	801-00028
12X4	801-00029
12X6	801-00030

DRAWING NO. 201-00057				
REV	DESCRIPTION	ECO	DATE	C
A	INITIAL RELEASE (FROM DRAWING 801-00030)	000084	3/11/16	C
B	DRAWING AND PART NUMBER UPDATE	DCO-000043	3/25/16	A

MATERIAL:

FINISH	DESCRIPTION

<p>DO NOT SCALE DRAWING. WORK TO DIMENSION</p> <p>IF PLATING IS SPECIFIED, ALL DIMENSIONS TO BE MET AFTER PLATING UNLESS OTHERWISE SPECIFIED:</p> <div><div>1. PERMISSIBLE TOLERANCES</div><div>2. ALL RIGHT ANGLES=90°</div><div>3. DIMENSIONS GIVEN IN INCHES</div></div> <div><div>ANGLES=40.0±0.5°</div><div>CHAMFER ANGLES=45°</div><div>CONCENTRICITY=0.010 T.I.R.</div></div>					
<p>NOTE: CHANGES TO MATERIAL, DESIGN, CONFIGURATION OR PROCESS MAY NOT BE MADE WITHOUT NOTIFICATION TO ECOVENT. ALL MATERIALS AND PROCESSES MUST BE COMPLIANT WITH ENVIRONMENTAL LAWS AND REGULATIONS AS REFERENCED IN XXXXX</p>			<p>DESIGN</p> <div>★ ★</div> <div>◆ ◆</div>	<p>CTQ</p> <div>★ ★</div> <div>◆ ◆</div>	<p>CLASSIFICATION OF CHARACTERISTICS</p> <p>(CRITICAL)</p> <p>(MAJOR)</p>
			<p>REVIEW:</p>	<p>DATE:</p>	
<p>TITLE: DRIVETRAIN INSERT FLOOR</p>			<p>A2</p>		
<p>PART NO.</p>			<p>SHEET 1 OF 1</p>		
<p>SEE TABLE</p>			<p>ecovent</p>		
<p>SCAF-I-2 THIS DOCUMENT IS THE PROPERTY OF ECOVENT. NEITHER THIS DOCUMENT NOR ANY INFORMATION CONTAINED HEREIN IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM ECOVENT.</p>					



GENERAL NOTES

1. SEE ARENA PLM FOR PART NUMBER REFERENCE DESIGNATORS AND CURRENT REVISIONS.
2. [♦] CALLOUTS ARE APPLIED TO TOLERANCES THAT MAY REQUIRE SPECIAL QUALITY CONTROL PROCESSES. QUALITY CONTROL INSTRUCTIONS ARE OUTSIDE THE SCOPE OF THIS DRAWING AND ARE DEFINED BY EXTERNAL DOCUMENTATION TO BE AGREED TO WITH THE MANUFACTURER.
3. ALL DIMENSIONS AND TOLERANCES MUST BE HELD REGARDLESS OF THE USE OF QUALITY CONTROL SYMBOLS [♦]
4. (X.XX) DIMENSIONS ARE USED AS REFERENCE ONLY AND ARE NOT SUBJECT TO TOLERANCES.
5. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS AND TOLERANCES ARE APPLICABLE AT 20 DEGREES CELSIUS (68 DEGREES FAHRENHEIT) IN ACCORDANCE WITH ANSI/ASME B89.6.2
6. ALL HOMOGENOUS MATERIALS AND PROCESSES IN THIS DRAWING SHALL BE COMPLIANT TO THE EU RoHS DIRECTIVE 2011/65/EC
7. REFER TO DETAILED WORK INSTRUCTIONS FOR ASSEMBLY SPECIFICATIONS SUCH AS SCREW TORQUE AND GLUE VOLUME.

ASSEMBLY INSTRUCTIONS:

1. ROUTE THE PRESSURE SENSOR WIRING HARNESS INTO THE BALLJOINT AND THROUGH THE DIFFUSER SCREW COVER CHANNEL, AS SHOWN. LEAVE APPROX. 3 INCHES OF WIRE HANGING OUT OF THE FEMALE BALLJOINT.
2. INSERT THE LEAD SCREW INTO THE CENTER CHANNEL OF THE DIFFUSER SCREW COVER, ENSURING THAT IT ROUTES THROUGH THE CORRECT HOLE.
3. DRIVE THE NUTS ONTO THE SCREW, ENSURING THAT THE NUTS ARE ALIGNED CORRECTLY WITH RESPECT TO THE DIRECTION OF THE SNAP FEATURE AND ORIENTATION TO THE OPPOSITE NUT.
4. ROUTE THE MOTOR WIRE INTO THE DIFFUSER SCREW COVER CHANNEL WHERE SHOWN. PULL THE MOTOR WIRE OUT THROUGH THE BALLJOINT
5. MOUNT THE MOTOR TO THE DIFFUSER SCREW COVER, USING THE MOTOR COVER FRONT, QTY 2 M3 WASHERS AND QTY 2 M3X8 SCREWS. TIGHTEN TO TORQUE PROVIDED IN DETAILED WORK INSTRUCTIONS. ENSURE THAT THE MOTOR SHAFT IS PROPERLY INSERTED INTO THE HOLE IN THE SCREW.
6. GLUE THE HARD STOP ONTO THE BUSHING USING LOCTITE 401 ADHESIVE. THE HARD STOP SHOULD BE CONCENTRIC WITH THE HOLE ON THE BUSHING.
7. INSTALL THE BUSHING, USING QTY 4 M3 WASHERS AND QTY 2 M3X8 SCREWS. TIGHTEN TO TORQUE PROVIDED IN DETAILED WORK INSTRUCTIONS. WHILE INSTALLING, MAKE SURE THAT THE WIRES ARE SECURED IN PLACE BETWEEN THE BUSHING AND THE DIFFUSER.