

INSTALLATION INSTRUCTIONS

Cable Adapter



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1. Introduction

This Installation Instruction is intended to provide the information required to install the Cable Adapter product. For additional information and technical assistance, please contact your CPAC Systems Sales Representative.

CAUTION: A general understanding of the features and functions of Display Splitter and its components is a prerequisite for the proper use of this equipment. Therefore, do not operate this equipment before reading these instructions thoroughly, including all appropriate warnings and cautions.

NOTE: Figures in this manual are provided for reference purposes only. Screens will likely differ based on the product and system configuration.

1.1 Caution and Notes

Please read and adhere to all cautions listed throughout this instruction.

A **WARNING** is provided to outline items that, if not followed, may result in death or serious injury to the patient or damage to the equipment.

A **CAUTION** is provided to alert the user that special care should be taken for the safe and effective use of the device.

A **NOTE** is provided when additional general information is available.

CAUTION: Only qualified and trained personnel or Service Personnel should attempt to service the equipment. Service is defined as any activity requiring the cover to be removed for internal adjustments, parts replacements, repairs or software upgrades of any kind to insure compatibility.

CAUTION: To ensure compatibility with the product software, use only approved components to repair any part of the product. Use of unauthorized software, devices accessories, or cables may render the application unsuitable for its intended use. It may also result in increased electromagnetic emissions or decreased Immunity of the system.

CAUTION: Only compatible systems, capable of supporting the outlined communication protocols, shall be used with the product.

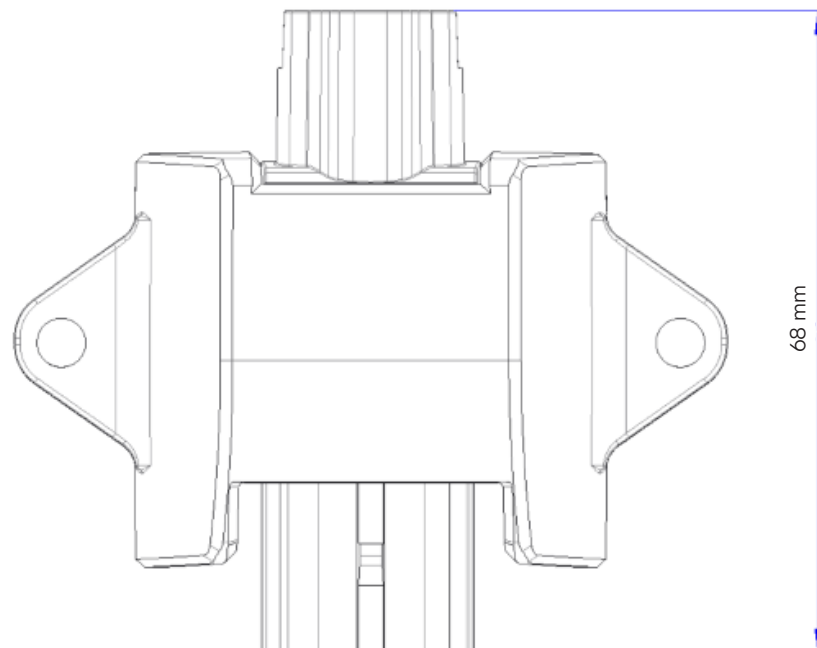
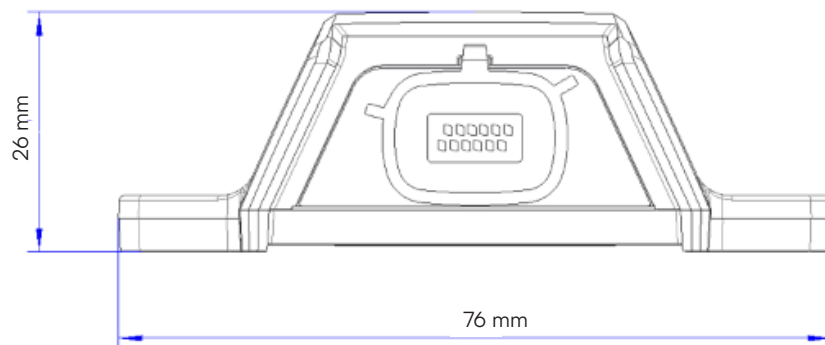
CAUTION: Changes or modifications not expressly approved by CPAC Systems AB could void the user's authority to operate the equipment.

WARNING: This product has not been evaluated or certified as ignition protected. Installation within engine rooms or other areas where flammable vapors may be present is prohibited.

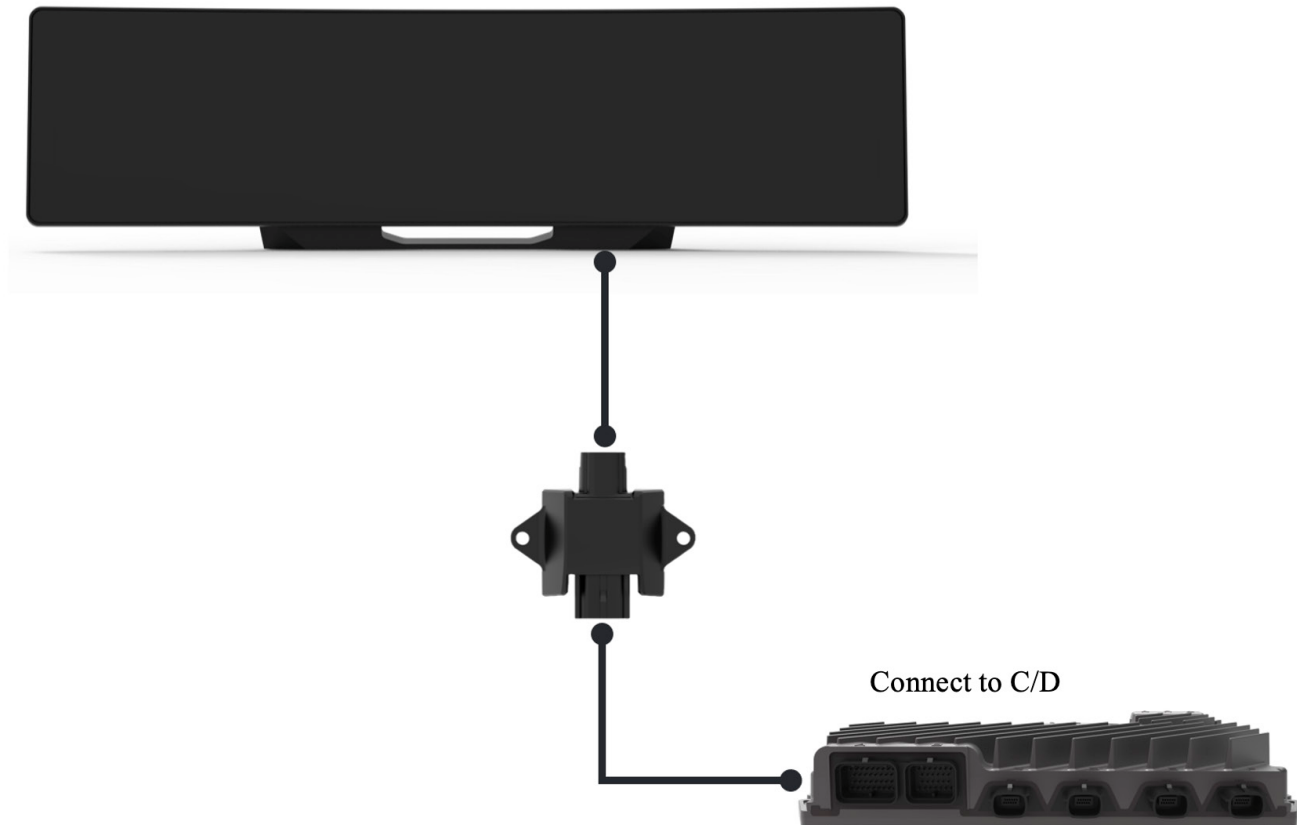
1.2 Intended Use

The Cable Adapter is a passive adapter that enables connection between cables using HSAL II connectors and those using HSD connectors. It is supplied with all BlackCanvas 24" kits.

2. Overall Dimensions



3. Wiring Schematic

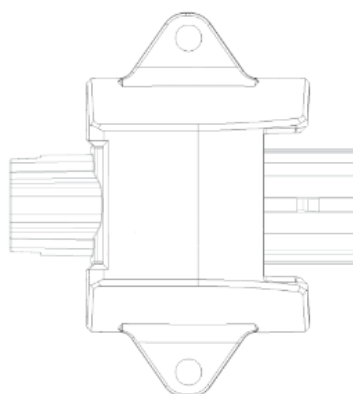


NOTE:

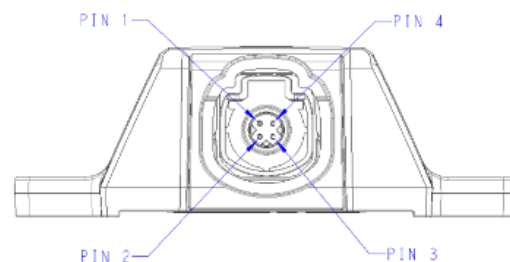
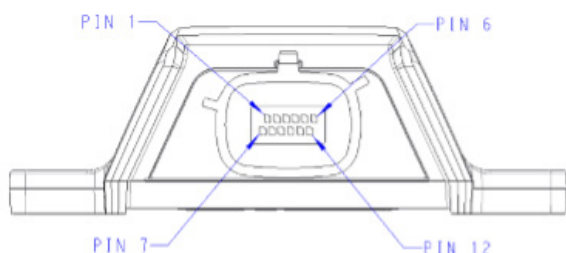
- Cables are not included with Cable Adapter

3.1 Connector Pinouts

DISPLAYPORT OUT
(HSD 4P CODE A)



DISPLAYPORT IN
(HSAL II 12P CODE A)

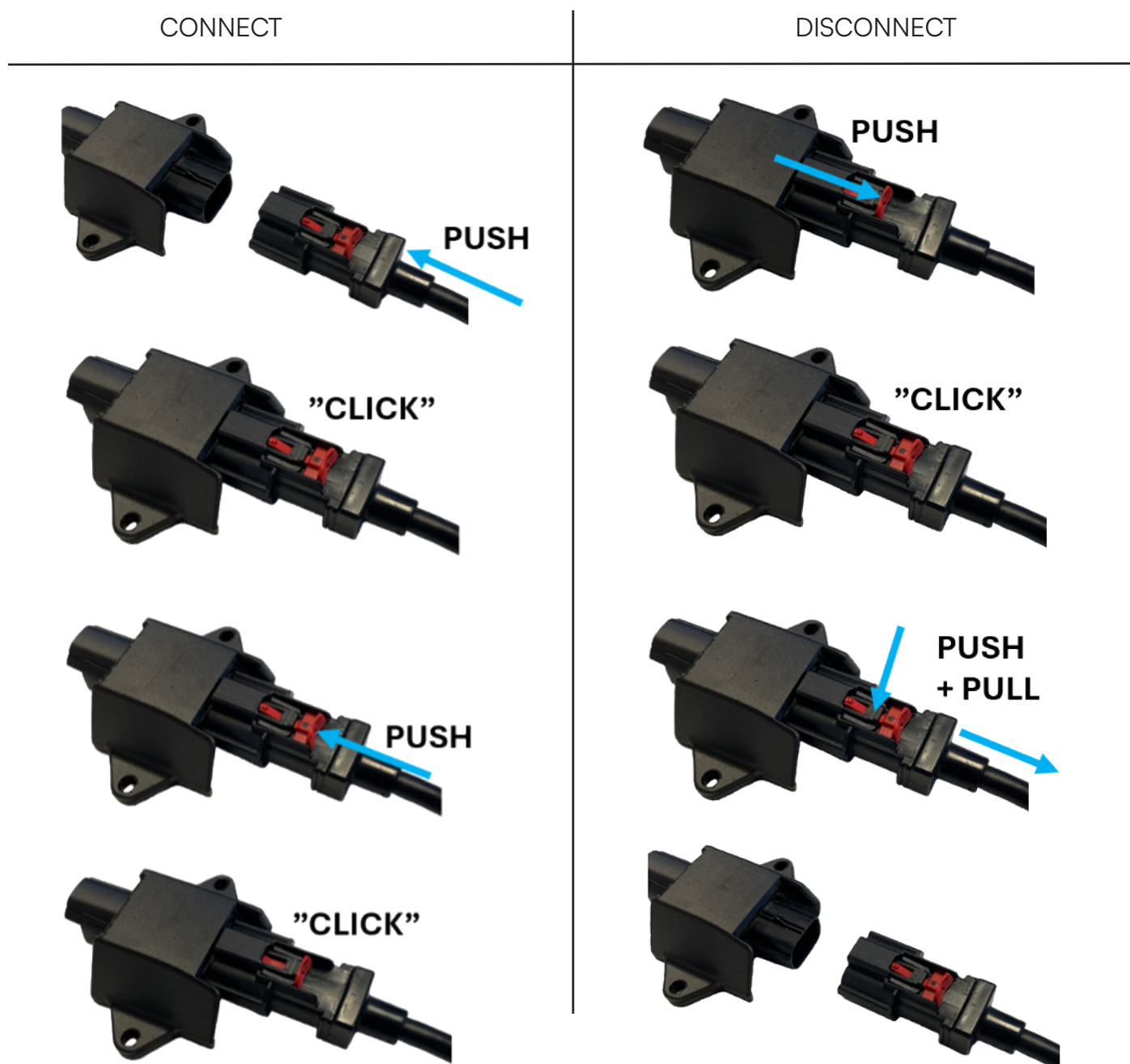


WIRING DIAGRAM PIN-OUT	
HSAL PIN NO	HSD PIN NO
1	-
2	4
3	2
4	-
5	3
6	1
7	-
8	-
9	-
10	-
11	-
12	-
SHIELD	SHIELD

3.2 Connector Mating Procedure

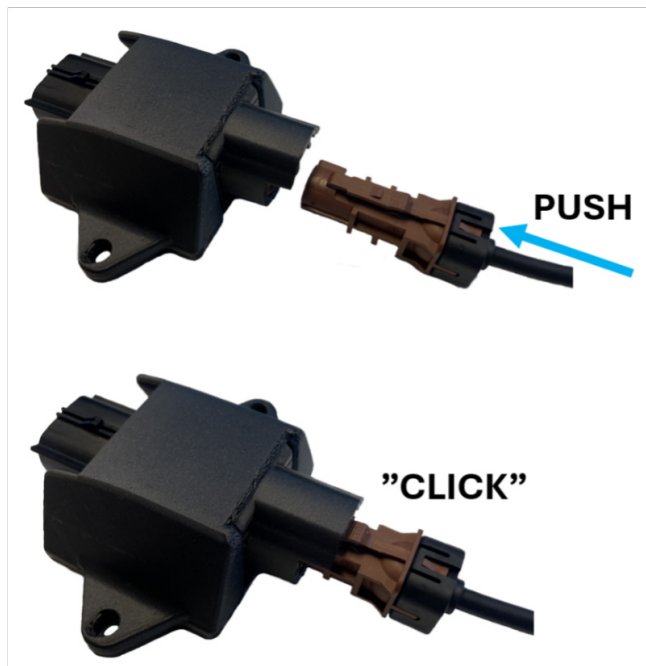
How to properly connect and disconnect each connector during installation.

3.2.1 HSAL II

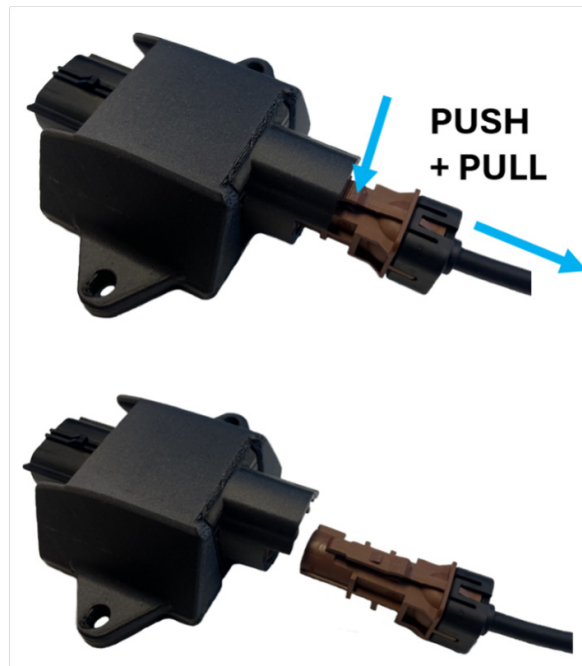


3.2.2 HSD

CONNECT

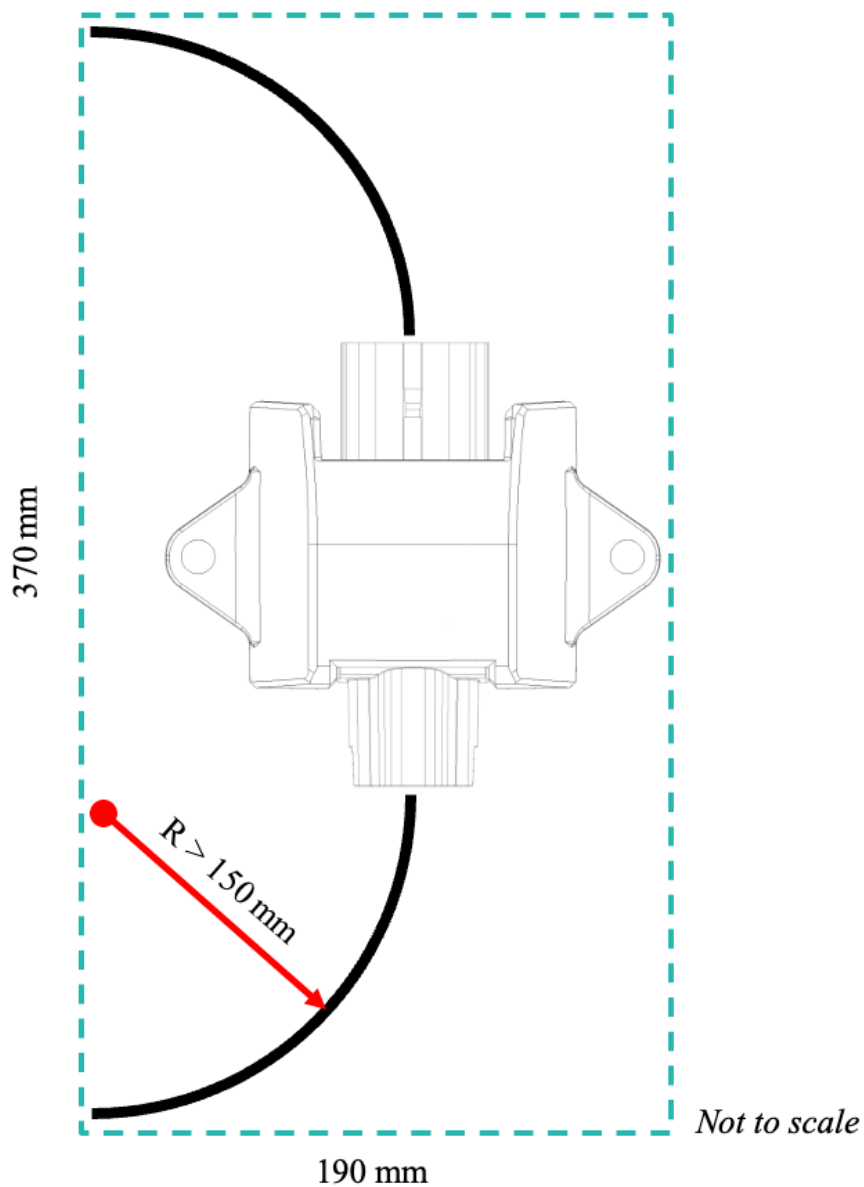


DISCONNECT



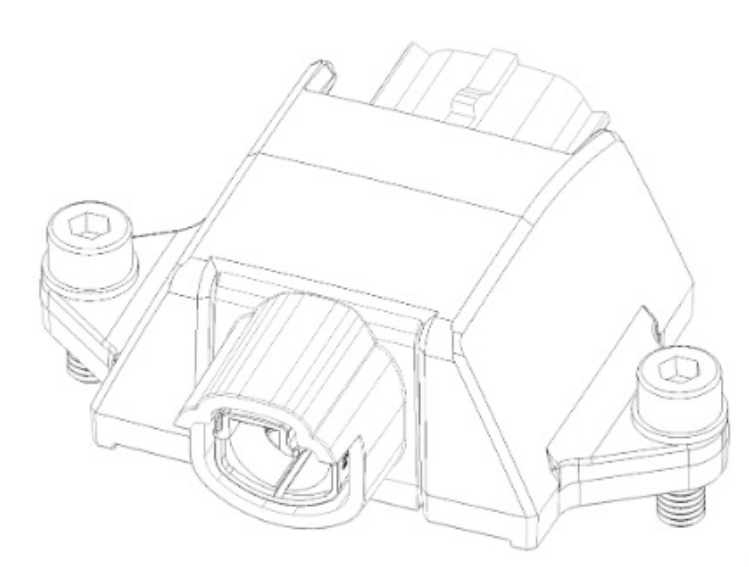
3.3 Wiring Installation

- Minimum cable bending radius: > 150 mm
- Required installation envelope: Approximately 370 x 190 mm, including the minimum bending radius of the connected cables.
- Cable strain relief is required to prevent stress on the connectors.

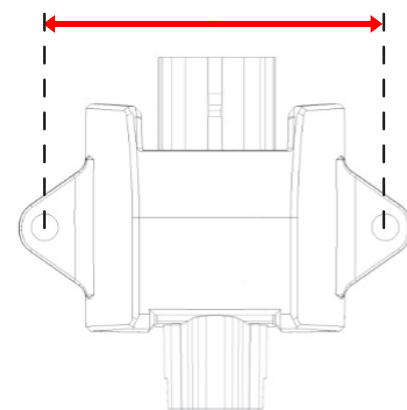


4. Mounting

NOTE: Avoid mounting the device with upward-facing connectors.



The centre-to-centre (C-C) spacing between the mounting holes is **66 mm**.



Recommended mounting hardware (not included):

2x M5 Bolts (Length selected according to panel thickness) 2x M5 Washers (DIN 125/ISO 7089, max 10mm outer diameter) 2x M5 Lock nuts
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Metric

2x #10 Bolt 2x #10 Washer 2x #10 Nut
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Imperial**Installations Notes:**

- Maximum tightening torque: **1.25 Nm (11 in-lb)**
- Exceeding the specified torque may cause cracking or permanent deformation of the enclosure housing.
- Check that the mounting surface is flat. It must not vary more than 0.5 mm in height across the entire contact area; otherwise, the housing may bend or become damaged.