



Model: See Affected Units

Serial #: N/A

Jul. 27, 2026

Product Bulletin # TDS-280 Rev 1

Top Drive PLC Panel Brackets

Canrig has received multiple reports of PLC modules becoming loose, resulting in PLC shutdowns. To address this issue, the brackets shown below have been designed for field installation with minimal effort. The brackets utilize existing mounting hardware and require no modifications to the enclosure.

One bracket is required for the left PLC rack and a second bracket is required for the right PLC rack. Refer to Table 1 on page 3 for the applicable part numbers. Figure 2 on page 2 identifies the enclosure type and corresponding bracket configuration.

Affected Units

All Canrig Top Drive models C275, C500, and C750.

Procedure

Identify the FLEX I/O adapter model installed in the PLC panel and select the appropriate bracket.

Determine FLEX I/O Adapter (AENTR) Installed

There are two types of FLEX I/O Adapters installed in the PLC panels (See Figure 2 on page 2):

- 1794-AENT (for older units)
- 1794-AENTRXT (most recent units)



1794-AENT



1794-AENTRXT

Figure 1: FLEX I/O Adapter options

Refer to Figure 2 for the following steps:

1. If you have FLEX I/O Adapter model 1794-AENT, continue to "Bracket Selection" on page 3.
2. If you have FLEX I/O Adapter model 1794-AENTRXT, there are two options. The difference between these two options is the distance from the edge of the terminal block (mounted on the leftmost DIN rail) to the cable duct (see Figure 2 as reference).
3. Remove power from the enclosure and measure the distance from the edge of the terminal block to the cable duct as indicated in Figure 2 on page 2.
4. Continue to "Bracket Selection" on page 3.

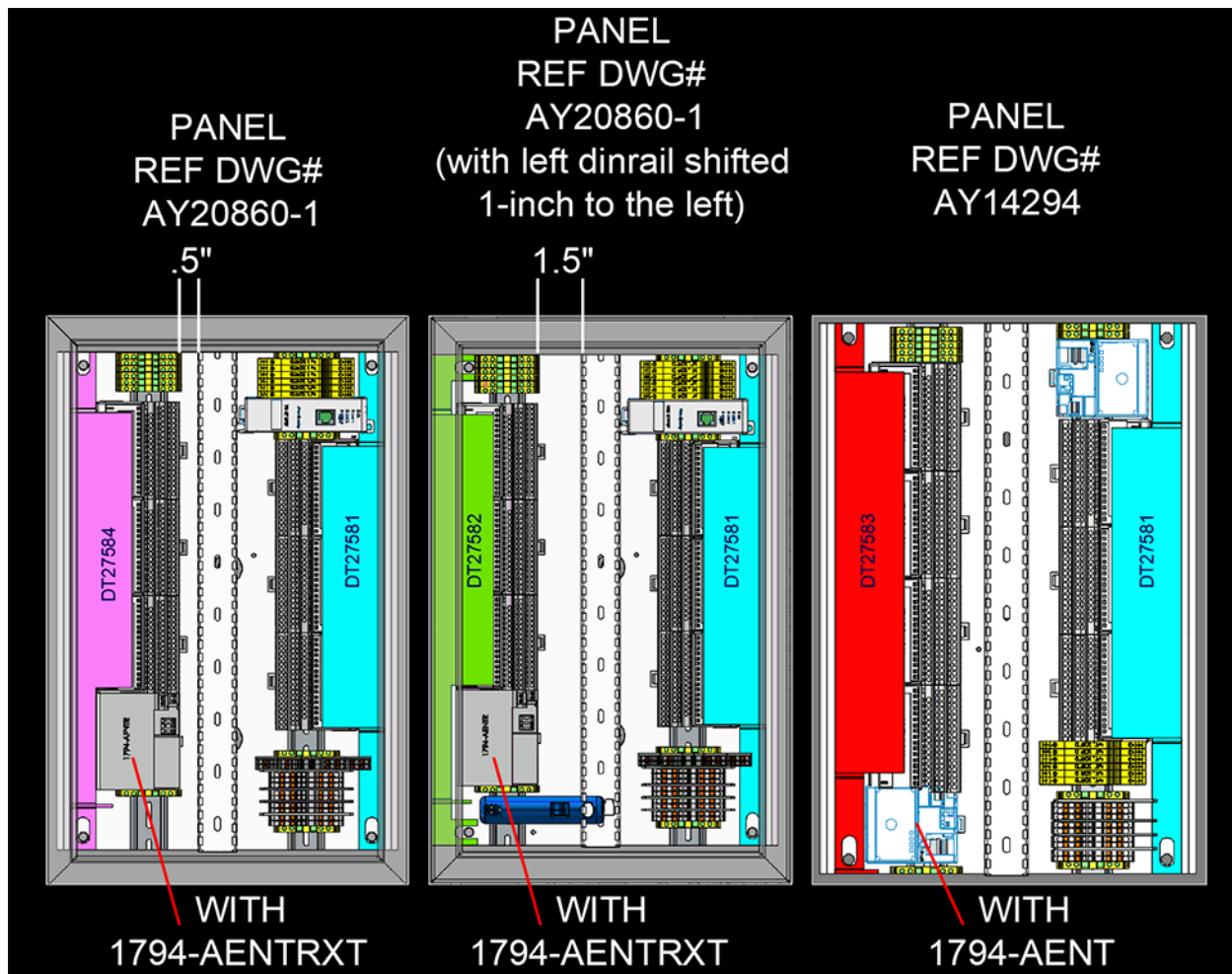


Figure 2: Bracket options

NOTICE

These panels are shown when the Top Drive is in the vertical position.



Model: See Affected Units
Serial #: N/A

Jul. 27, 2026

Bracket Selection

- From Table 1, select two brackets (left and right) corresponding to your AENTR module and distance from the edge of terminal block to the cable duct. Refer to Figure 2 on page 2 for details.

Table 1: Bracket Options

Module on Bottom of Left Row	Rail Distance from Left Side Rail to Cable Duct	Left Bracket Needed (AENTR Side)	Right Bracket Needed	Panel Reference Dwg.
1794-AENTRXT	0.5"	DT27584	DT27581	AY20860-1
1794-AENTRXT	1.5"	DT27582		AY20860-1
1794-AENT	0.5"	DT27583		AY14294

Ordering Parts

- Contact Canrig TRUE™ Part Sales truesupport@canrig.com to order the following parts:
 - Selected two brackets from Table 1.
 - Quantity one of the following gasket:

Table 2: Gasket

Canrig P/N	Description
S10076	STRIP, GASKET, 1/4THK X 1W X 36 LG, ADHESIV

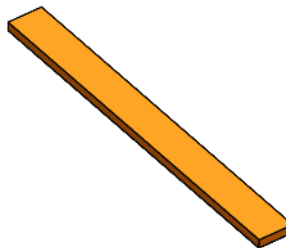


Figure 3: Gasket



Model: See Affected Units

Serial #: N/A

Jul. 27, 2026

Installation Instructions

Gasket Installation

1. Cut the gasket (P/N: S10076) to the appropriate sizes as indicated below.
2. Remove the liner to expose the adhesive surface and attach the gasket(s) to the bracket as indicated below

Bracket P/N: DT27581

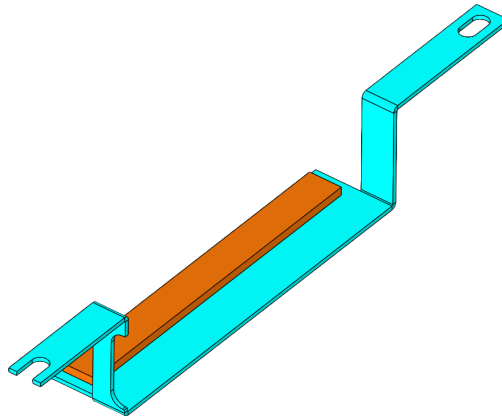
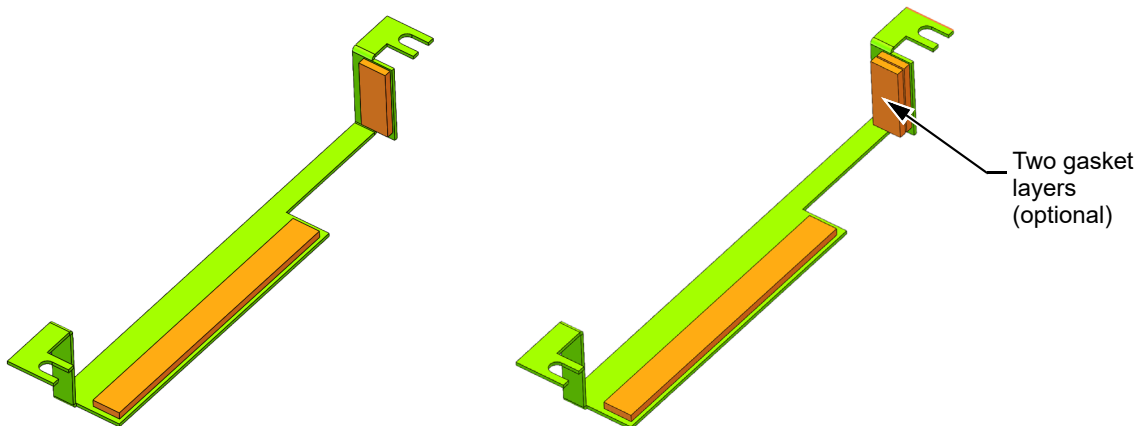


Figure 4: Bracket P/N: DT27581 with gasket installed

Bracket P/N: DT27582



NOTICE

If necessary, add two gasket layers to one side of the bracket to achieve proper fitment.

Figure 5: Bracket P/N: DT27582 with gaskets installed



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Jul. 27, 2026

Bracket P/N: DT27583

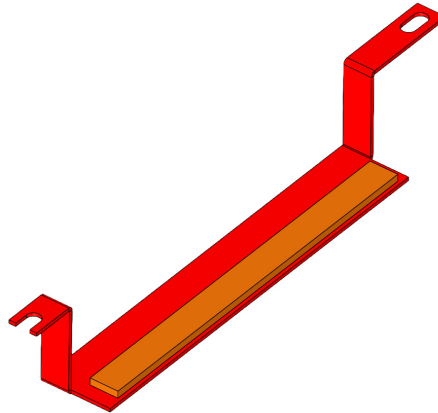
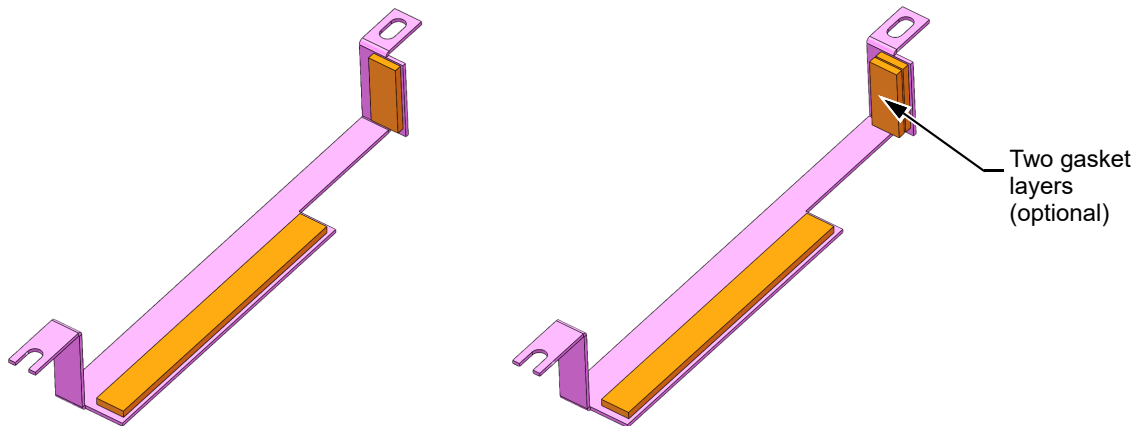


Figure 6: Bracket P/N: DT27583 with gasket installed

Bracket P/N: DT27584



NOTICE

If necessary, add two gasket layers to one side of the bracket to achieve proper fitment.

Figure 7: Bracket P/N: DT27584 with gaskets installed



Model: See Affected Units Serial #: N/A	Jul. 27, 2026
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Bracket Installation in the PLC Panel

1. Remove power from the PLC panel enclosure.
2. Loosen two existing back pan bolts at a time. These bolts secure the back pan to the back of the enclosure.
3. Install the first bracket in the required location. See Figure 2 on page 2 for reference.

CAUTION

Exercise care when maneuvering the brackets inside the enclosure to prevent the disconnection or damage of cables and components inside the enclosure.

NOTICE

If an ANYBUS module is present, remove it from the DIN rail and relocate it adjacent to the wire duct or secure it in an available space next to the duct. Refer to Figure 8.

4. Tighten the bolts once the bracket is in place. See Figure 8 for reference.
5. Repeat Steps 2 through 4 for the second bracket.
6. Restore power to the panel.

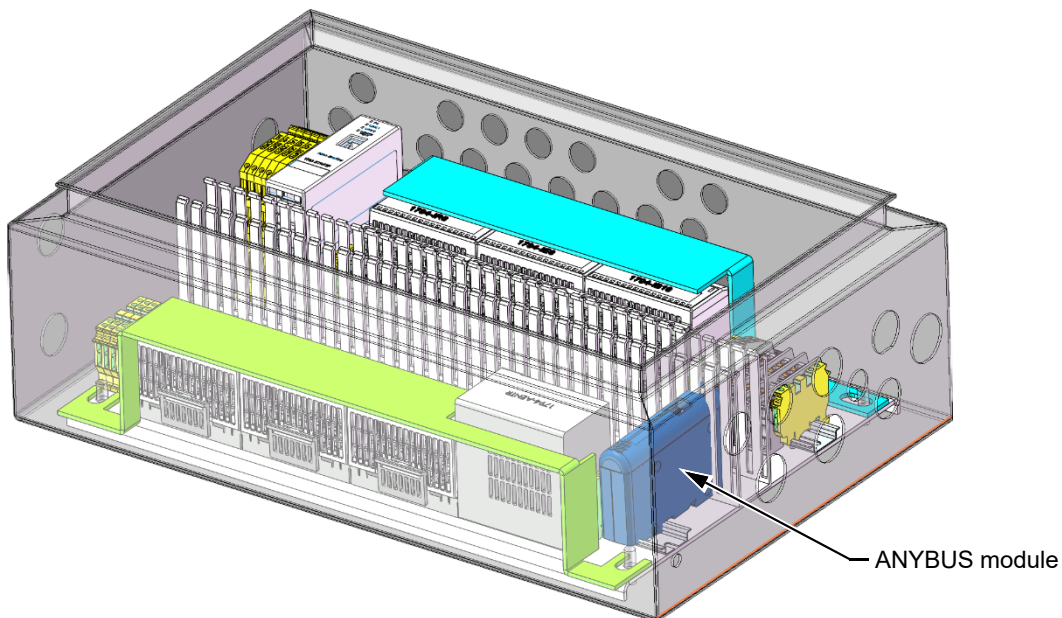


Figure 8: Brackets installed

Contact Rigline 24/7™ or your Canrig representative for additional assistance.