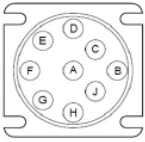
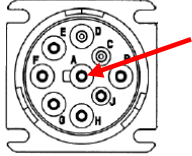


The DPA 5 and DPA 4 Plus products work with CAT Electronic Technician (ET) software on CAT off-highway/industrial-stationary equipment that use the J1708/J1587/ATA and J1939 protocols. **The DPA products do not support equipment using the CAT proprietary protocol called CAT Data Link (CDL).**

Do I Need A Proprietary CAT Adapter or a Special DPA CAT Cable?

If the standard DPA cable does not fit into the receptacle because the A pin is round and does not have a "Keyway" slot (below left), look at the pins that are populated using the reference drawing below.

<table border="1"> <thead> <tr> <th>Pin</th> <th>Value</th> </tr> </thead> <tbody> <tr><td>A</td><td>+12V</td></tr> <tr><td>B</td><td>Ground</td></tr> <tr><td>C</td><td>CAN Shield</td></tr> <tr><td>D</td><td>CAT Data Link (CDL) Hi</td></tr> <tr><td>E</td><td>CAT Data Link (CDL) Lo</td></tr> <tr><td>F</td><td>CAN/J1939 Lo</td></tr> <tr><td>G</td><td>CAN/J1939 Hi</td></tr> <tr><td>H</td><td>ATA/J1587/J1708 Lo</td></tr> <tr><td>J</td><td>ATA/J1587/J1708 Hi</td></tr> </tbody> </table>  <p>Caterpillar Industrial 9-pin Connector Note That "A" Receptacle Does Not Have A Keyway</p>	Pin	Value	A	+12V	B	Ground	C	CAN Shield	D	CAT Data Link (CDL) Hi	E	CAT Data Link (CDL) Lo	F	CAN/J1939 Lo	G	CAN/J1939 Hi	H	ATA/J1587/J1708 Lo	J	ATA/J1587/J1708 Hi	<table border="1"> <thead> <tr> <th>Pin</th> <th>Value</th> </tr> </thead> <tbody> <tr><td>A</td><td>Ground</td></tr> <tr><td>B</td><td>+12V</td></tr> <tr><td>C</td><td>CAN/J1939 Hi</td></tr> <tr><td>D</td><td>CAN/J1939 Lo</td></tr> <tr><td>E</td><td>CAN/J1939 Shield</td></tr> <tr><td>F</td><td>J1708/J1587 Hi</td></tr> <tr><td>G</td><td>J1708/J1587 Lo</td></tr> <tr><td>H</td><td>OEM Specific</td></tr> <tr><td>J</td><td>OEM Specific</td></tr> </tbody> </table>  <p>SAE Standard J1939 9-pin Connector Note That "A" Receptacle Has Keyway</p>	Pin	Value	A	Ground	B	+12V	C	CAN/J1939 Hi	D	CAN/J1939 Lo	E	CAN/J1939 Shield	F	J1708/J1587 Hi	G	J1708/J1587 Lo	H	OEM Specific	J	OEM Specific
Pin	Value																																								
A	+12V																																								
B	Ground																																								
C	CAN Shield																																								
D	CAT Data Link (CDL) Hi																																								
E	CAT Data Link (CDL) Lo																																								
F	CAN/J1939 Lo																																								
G	CAN/J1939 Hi																																								
H	ATA/J1587/J1708 Lo																																								
J	ATA/J1587/J1708 Hi																																								
Pin	Value																																								
A	Ground																																								
B	+12V																																								
C	CAN/J1939 Hi																																								
D	CAN/J1939 Lo																																								
E	CAN/J1939 Shield																																								
F	J1708/J1587 Hi																																								
G	J1708/J1587 Lo																																								
H	OEM Specific																																								
J	OEM Specific																																								

If only A/B (Power/Ground) and the D/E (CAT Data Link - CDL) are populated, you need to purchase the CAT branded vehicle diagnostic adapter and associated cabling from your local CAT dealership.

If A/B (Power/Ground) pins and F/G (J1939) or H/J (J1708/J1587/ATA) are populated, you can use your DPA product; however you will need the special DPA 5 or DPA 4 Plus cables shown below.

DG-DPA5-CAT		<ul style="list-style-type: none"> Allows DPA to be connected to CAT industrial equipment. For All Caterpillar Engine Models 9 pin adapter cable. Supports J1708/J1587/ATA and J1939 Databuses
-------------	---	--

[View a Larger Image](#)

DPA 5 CAT Industrial Equipment Cable

DG-DPA4-CAT \$128		<ul style="list-style-type: none"> Allows DPA to be connected to CAT industrial equipment. For All Caterpillar Engine Models 9 pin adapter cable. Supports J1708/J1587/ATA and J1939 Databuses
----------------------	---	--

[View a Larger Image](#)

DPA 4 Plus CAT Industrial Equipment Cable

Notes on Configuring CAT ET to Use the DPA Products

When you configure CAT ET to use the DPA, you might have to '**Check**' or '**Uncheck**' the "**Enable Dual Data Link Service**" button. DG does not have a list of what vehicles, equipment, or machinery require this checkbox to be checked or not checked. CAT is aware of this and has no plans to change it. Here is how to configure CAT ET to use the DPA 5 or the DPA 4 Plus:

1. Start **CAT ET**.
2. Click **Utilities** → **Preferences** → **Communications** from the menu bar.
3. Click on **Communication Interface Device** dropdown box.
4. Select **RP1210 Compliant Device**.
5. Click **Advanced**.
6. Select **DPA 5 Dual CAN USB** or **DG DPA 4 Plus (MA)** in the **RP1210 Communication Adapter Device** box.
7. Click **OK**.
8. Check **Enable Dual Data Link Service** (or Uncheck **Enable Dual Data Link Service**).
9. Click **OK**.