

Boeing 767 Fuel System Support Equipment

The following is a list of ground support equipment required for testing the Boeing 767 (-100, 200/ER, -200/IGW, -300, and -300/ER/FG) Fuel Quantity Indicating System.

PSD90-3AC | Order Code 22160649

New AC Capacitance Test Set contains all the necessary functionality to measure and simulate capacitance and perform insulation resistance and continuity tests on the aircraft wiring. Includes functionality to automatically detect and manually test for contaminated fuel probes.

Please refer to the PSD90-3 product data sheet for more information.



The PSD90-3AC replaces the PSD60-2R

PSD60-2R | Order Code 693 | Legacy Part Number 01-0597-00

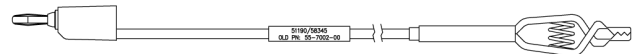
The PSD60-2R Fuel Quantity Test Set is an accurate, stable unit designed to test AC capacitance type fuel quantity measurement systems and their line replaceable components. The PSD60-2R, along with aircraft-specific interface units or cables, provides complete capability to test most aircraft with AC capacitance systems. The PSD60-2R performs these functions:

The following cable is included with the PSD60-2R



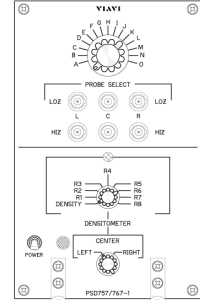
Ground Cable | Order Code 58345 | Legacy Part Number 55-7002-00

Used to connect PSD60-2R Chassis Jack to Airframe Ground.



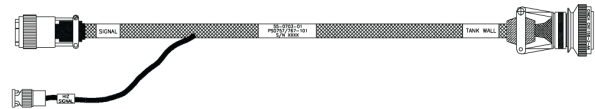
PSD757/767-1 | Order Code 725 | Legacy Part Number 01-0703-00

The PSD757/767-1 Fuel Quantity Interface is used on aircraft with Simmonds (UTC) Fuel Quantity Indicating Systems (FQIS). Connects at the Central Processing Unit (CPU) or at the tank wall with interface cables to measure individual probes, perform Go-No Go densitometer tests, calibration resistor checks, vibrating spool checks and checks of associated wiring.



**The following cables are included with the PSD757/767-1
Left/Right Main Tank Interface Cable PSD757/767-101 | Order Code 57375 | Legacy
Part Number 55-0703-01**

Used to access the left and right main tanks on the 767-100, 767-200, 767-200ER, 767-300, 767-300ER and 767-300F. Connects between the PSD757-767-1 signal connector and the tank wall connector.



Densitometer Interface Cable | PSD757/767-102 | Order Code 57376 | Legacy Part Number 55-0703-02

Used to access the densitometers in all tanks on the 767-100, 767-200, 767-200ER, 767-300, 767-300ER and 767-300F. Connects between the PSD757/767-1 signal connector and the tank wall connector.



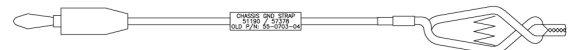
Center Tanks Interface Cable | PSD757/767-103 | Order Code 57377 | Legacy Part Number 55-0703-03

Used to access the center tanks on the 767-100, 767-200, 767-200ER, 767-300, 767-300ER and 767-300F. Connects between the PSD757/767-1 signal connector and the tank wall connector.



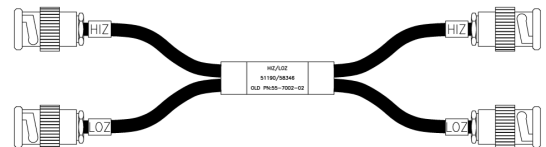
Chassis Ground Strap Cable | Order Code 57378 | Legacy Part Number 55-0703-04

Chassis Ground Strap Cable connects the PSD757/767-1 Chassis jack to Aircraft ground.



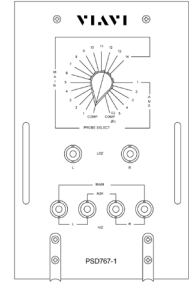
**HIZ/LOZ Interface Cable | Order Code 58346 | Legacy
Part Number 55-7002-02**

HIZ/LOZ Interface Cable connects the PSD60-2R HIZ and LOZ connectors to the PSD757/767-1 HIZ and LOZ connectors.



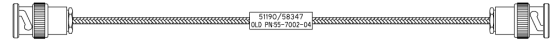
PSD767-1 | Order Code 724 | Legacy Part Number 01-0702-00

The PSD767-1 Fuel Quantity Interface is used only on 767-200ER, 767-200/IGW and 767-300/ER aircraft with the Honeywell Fuel Quantity Indicating Systems (FQIS). Connects at the Central Processing Unit (CPU) to measure the individual probes in the main and aux tanks.



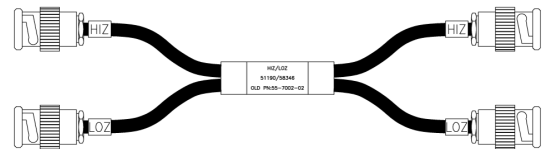
**The following cables are included with the PSD767-1
PSD40-505D Test Lead | Order Code 58347 | Legacy Part Number 55-7002-04**

Supplied as an accessory.



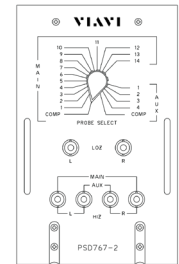
HIZ/LOZ Interface Cable | Order Code 58346 | Legacy Part Number 55-7002-02

Connects the PSD60-2R HIZ and LOZ connectors to the PSD767-1 HIZ and LOZ connectors.



PSD767-2 | Order Code 769 | Legacy Part Number 01-0774-00

The PSD767-2 Fuel Quantity Interface is used only on 767-200, 767-300 aircraft. Connects at the Central Processing Unit (CPU) to measure the individual probes in the main and aux tanks.



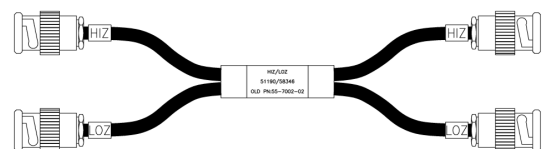
**The following cables are included with the PSD767-2
PSD40-505D Test Lead | Order Code 58347 | Legacy Part Number 55-7002-04**

Supplied as an accessory.



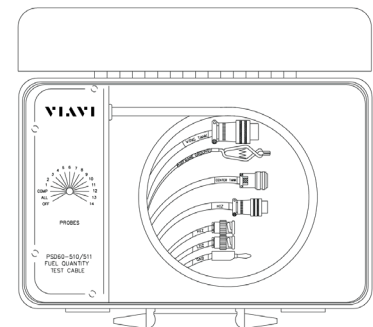
HIZ/LOZ Interface Cable | Order Code 58346 | Legacy Part Number 55-7002-02,

Connects the PSD60-2R HIZ and LOZ connectors to the PSD767-2 HIZ and LOZ connectors.

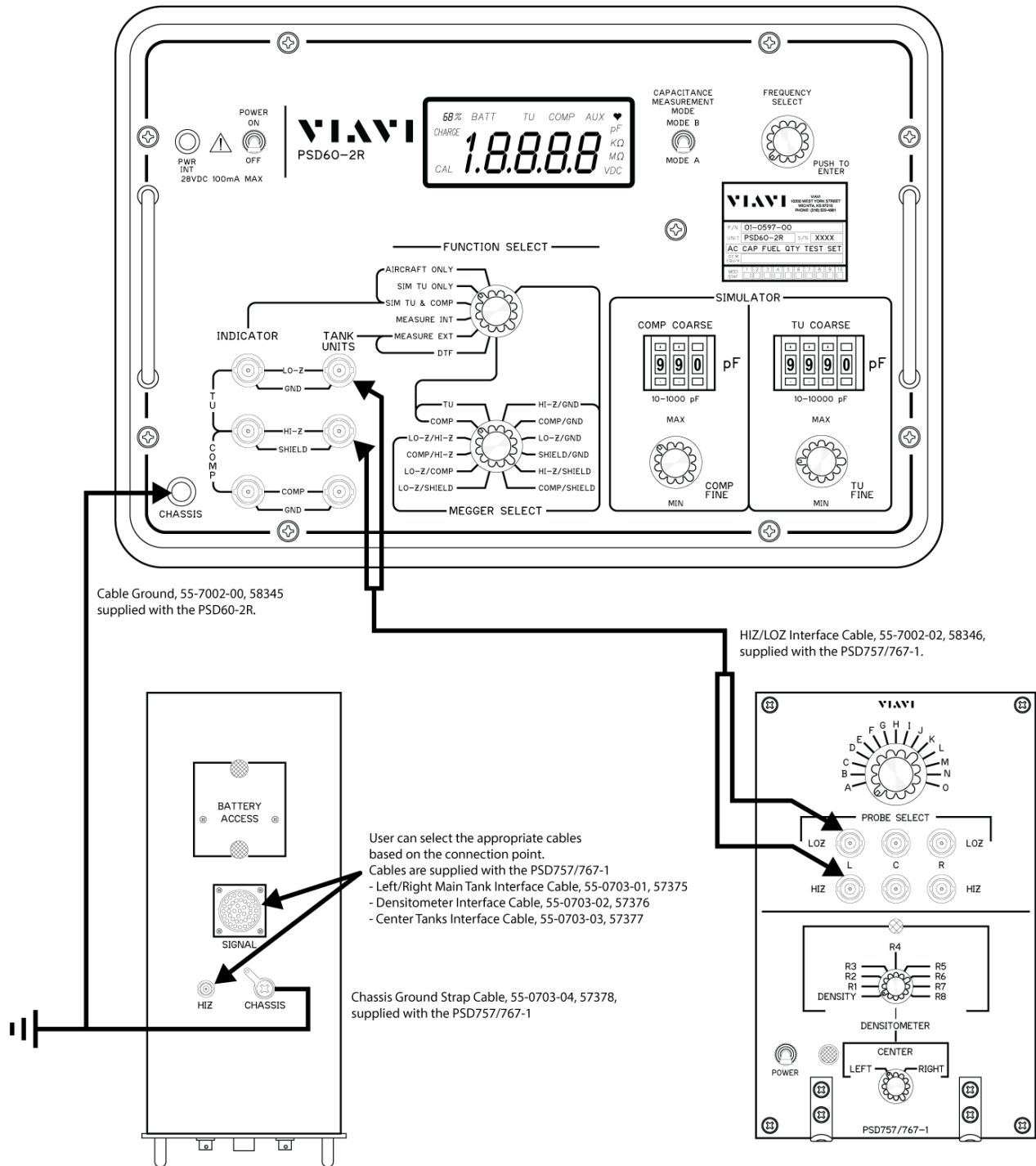


PSD60-510/511 | Order Code 57260 | Legacy Part Number 55-0597-08

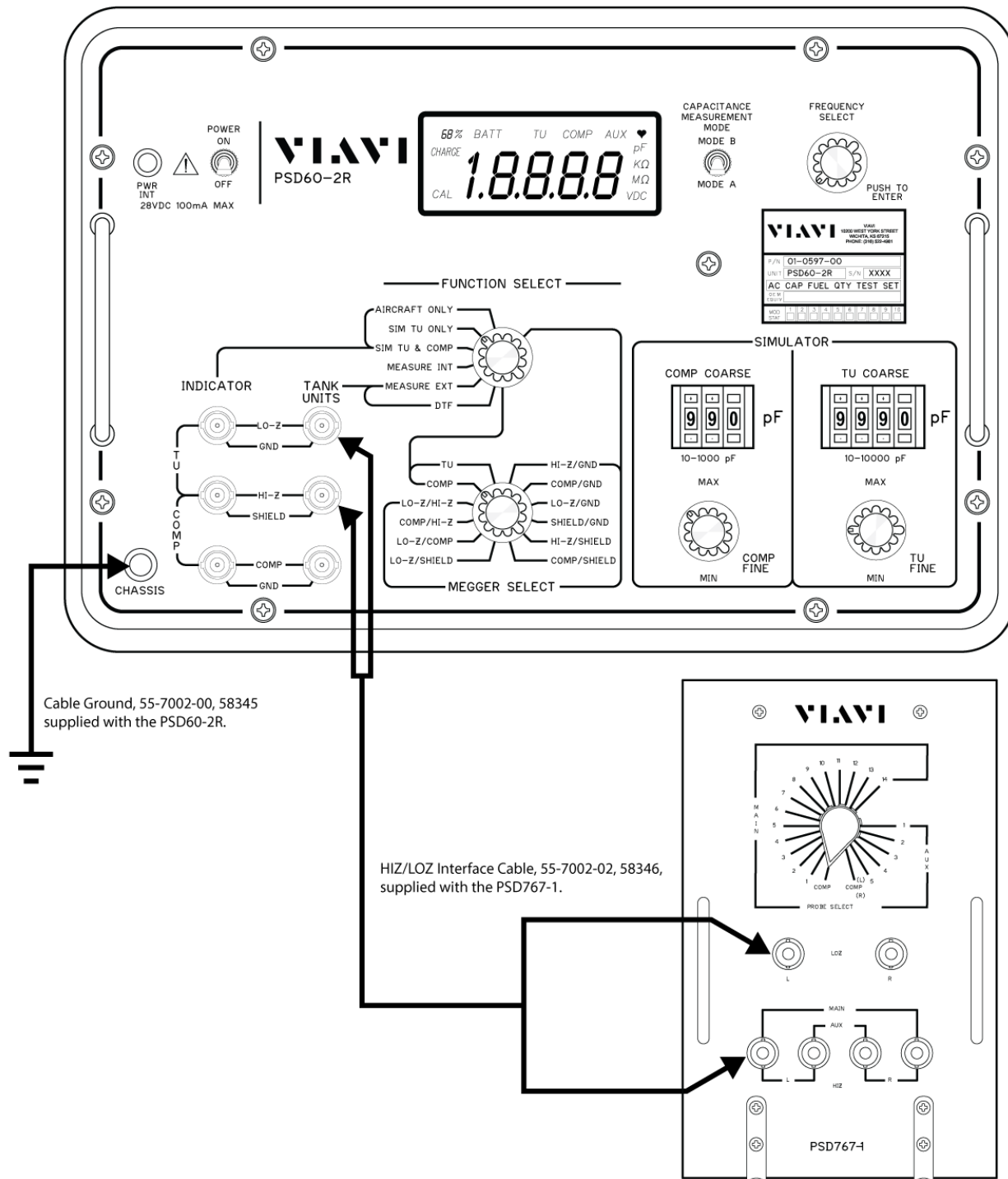
The PSD60-510/511 Interface Unit is used only on the 767-100, 767-200, 767-200ER, 767-300, 767-300ER and 767-300F with the Simmonds (UTC) Retrofit or the Honeywell FQIS. Connects between the PSD60-2R and the wing spar connector.



Appendix: PSD60-2R to PSD757/767-1 Cable Connections Diagram



Appendix: PSD60-2R to PSD767-1 Cable Connections Diagram



Appendix: PSD60-2R to PSD767-2 Cable Connections Diagram

