

ESF, ES2F

Fuel Level Senders

yi6487
2013-11-08
section 70



Installation Note: Sealing Gasket changes, November 2013

Please read the following information before installing. A visual inspection of this product for damage during shipping is recommended before installation. It is your responsibility to ensure that qualified mechanical and electrical technicians install this product. If in doubt, please contact your local Murphy or Enovation Controls representative.

General Information

WARNINGA

BEFORE BEGINNING INSTALLATION OF THIS PRODUCT

- ✓ Disconnect all electrical power to the machine
- ✓ Make sure the machine cannot operate during installation
- ✓ Follow all safety warnings of the machine manufacturer
- ✓ Read and follow all installation instructions

Starting November 2013, Murphy ESF and ES2F fuel level senders will be supplied with revised fuel tank sealing gaskets and mounting screws. All ESF and ES2F senders are affected, including standard part numbers as follows:

Stock code	Model	Description
00.00.3024	ESF	1 wire (ground return) fuel level sender
00.00.3037	ES2F	2 wire (insulated return) fuel level sender

Previously, sealing gaskets were made of cork, and were supplied with screws for mounting the sender in the top of the fuel tank. Production of this gasket has been discontinued.

The replacement gasket is made of fuel resistant nitrile, and is supplied with compatible O-ring screws. When installed correctly, the new gasket and screws give superior sealing compared with older designs.

WARNING: The new gasket **MUST NOT** be used (will not seal correctly) with old-specification screws. For correct sealing (e.g. when replacing a sender unit), use the new O-ring screws supplied.

ESF and ES2F resistive senders were originally designed to drive Murphy EG(S)21F fuel level gauges, but can also be used with other devices such as Murphy PowerVision displays and FuelCAN modules. For the latest product information, please visit the links opposite.



Old gasket
cork

New gasket
nitrile, with O-ring screws



Further information

www.fwmurphy.eu/esf
[/fuelcan](#)
[/pv101](#)

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UK: ISO9001:2008 FM29422
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