



## **360 IP Enclosure Assembly Guide**

## General Notes

This document has been created to aid the technician in the correct placements and connections for the Brigade electrical equipment.

- Please read this assembly guide carefully before starting to fit the systems
- Failure to follow this guide could result in technical operating issues with the vehicle or product and could result in you returning to rectify your work at your cost
- For technical questions please telephone 01322 420347
- ALL external cables MUST be run in split conduit or trunking for protection.
- The system operation must be tested once installation is complete.

This guide gives assembly instructions for the Brigade 360-ENCLOSURE.

- Refer to latest revision of Brigade drawing BE-002932-00-14

## Component List

Description	Part Number	Quantity in kit
Complete Kit	4723	-
<b>Individual components</b>		
IP Enclosure	4724*	1
Enclosure chassis	4725*	1
25mm Gland	4726*	3
Silica Gel bag	4727*	2

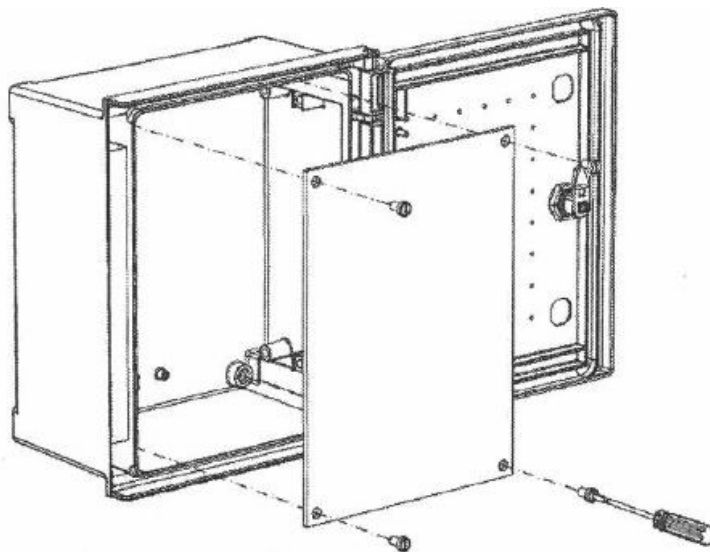
*\*- not available separately*

The enclosure is intended for use on trailers without an IP rated enclosure to protect a Brigade 360 ECU from moisture and dust, a typical installation is shown below.

Mounted on the trailer chassis, 25mm glands are used for cable input and output (mounting positions will vary between vehicles).



Mount the chassis in the enclosure with the machine screws (4) supplied. The ECU may need to be fixed to the chassis beforehand depending on the method of fixing.



Elite 360 with external DW-1000TX

Select 360 with internal DW-1000TX



The glands should be mounted in a suitable position to exit with ease and follow the vehicles looms where possible but avoiding high current wiring such as battery cables.

External cables are to be run in suitable conduit.



Once all cables are fitted and secured in the required position, hand tighten the glands and seal with a suitable sealant as required.



Connection to the monitor is via a suzie or digital wireless. In both cases, an ignition feed is required to power the IP enclosure.

If there is no suitable ignition feed on the trailer the following options are available.

- Use a spare pin on an existing suzie and re-wire in the tractor unit.
- Fit an SK-31E kit and use the grey wire to supply ignition to the trailer.

THE IGNITION SUPPLY SHOULD **NOT** BE TAKEN FROM THE EBS/ABS SUZIE CABLE. IF THERE IS NO SUITABLE SPARE AVAILABLE, A UNIQUE SUZIE MAYBE REQUIRED. ALWAYS CONSULT THE CUSTOMER AND/OR TRAILER MANUFACTURER FOR CURRENT CONNECTIVITY BETWEEN TRACTOR AND TRAILER.