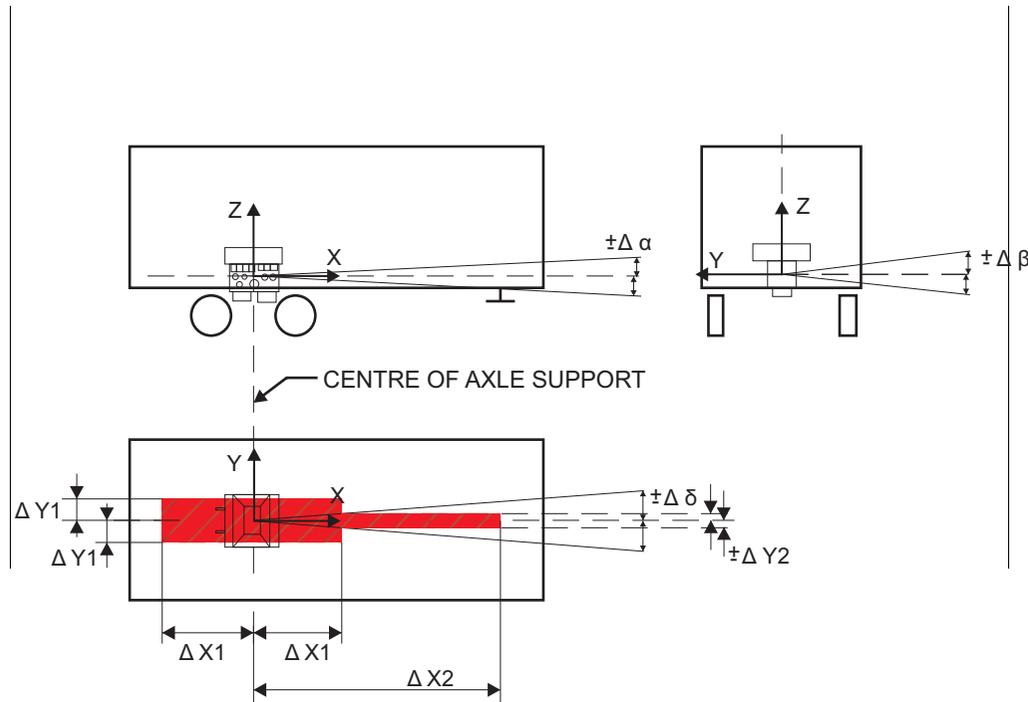


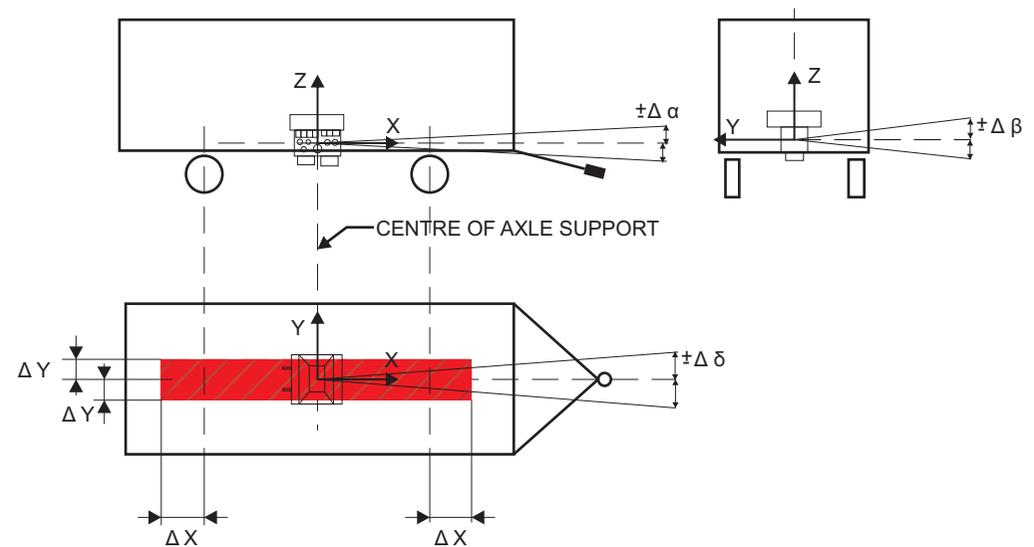
Allowable mounting envelope for Semi, Dolly & Pig trailers

$\Delta X1$	$\Delta Y1$	$\Delta X2$	$\Delta Y2$	$\Delta \alpha$	$\Delta \beta$	$\Delta \delta$
2000	500	9000	50	$\pm 15^\circ$	$\pm 3^\circ$	$\pm 3^\circ$

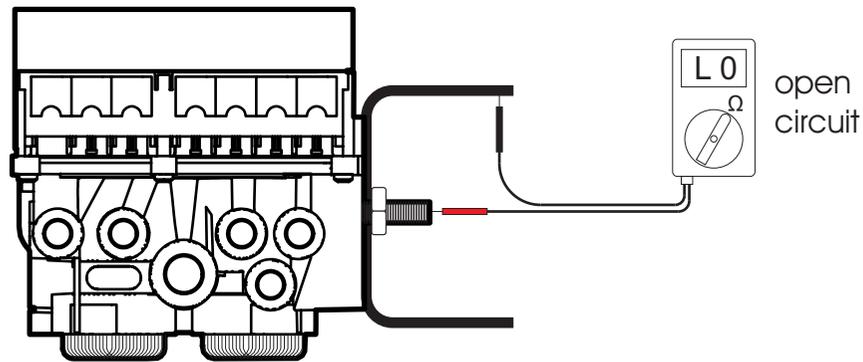
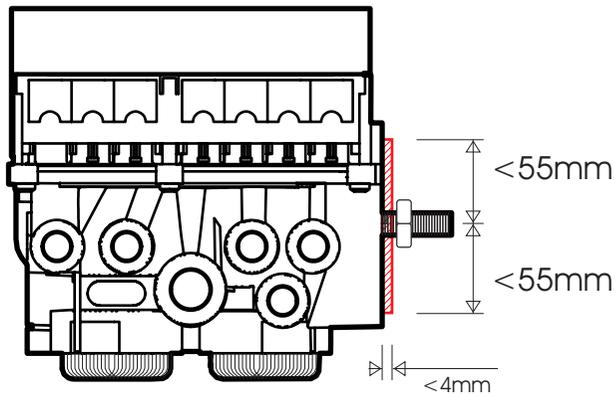


Allowable mounting envelope for Dog trailers

ΔX	ΔY	$\Delta \alpha$	$\Delta \beta$	$\Delta \delta$
600	500	$\pm 15^\circ$	$\pm 3^\circ$	$\pm 3^\circ$

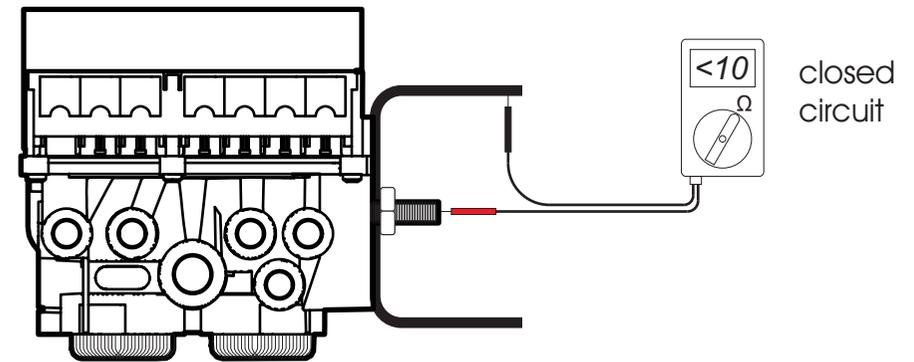
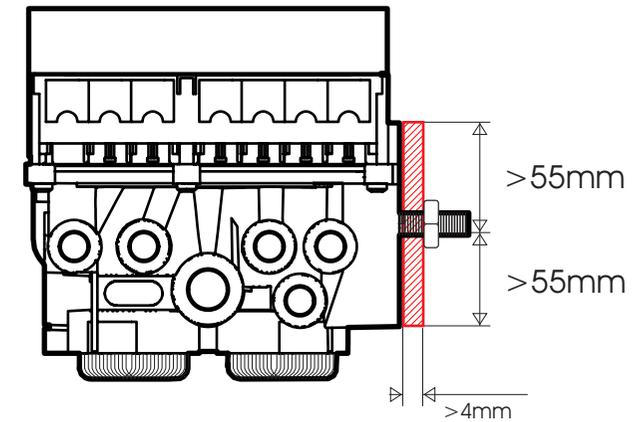


NOT OK ❌



In order to prevent a build up of static electricity there must be continuity between the ECU body and the chassis. The resistance between them should be 10 Ohms or less.

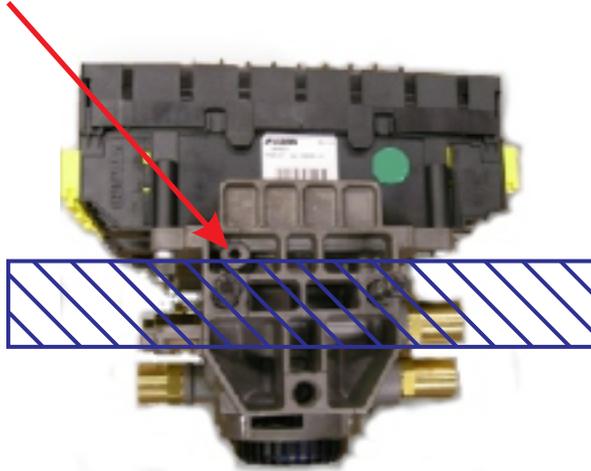
OK ✅



Mount the modulator on a sufficiently sized section to ensure that the ECU does not vibrate excessively and the breather hole is covered. The flange must make full contact with the mounting surface of the modulator. Nut tightening torque is 85Nm. Spring washers should be used under the nut to ensure that the ECU is grounded to the chassis.

NOT OK ❌

ECU Breather



Mounting Flange

"NPT



"NPT

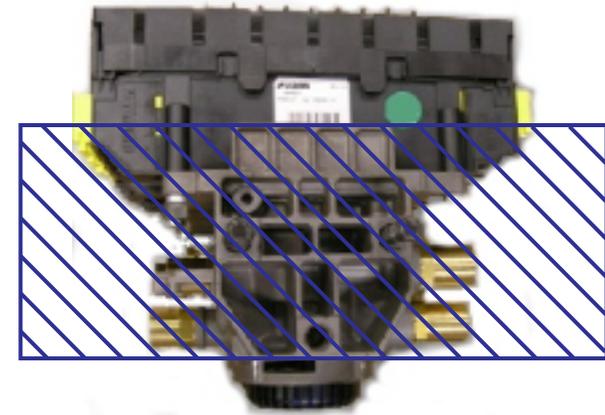


NOTE :

All ports on the EBS modulator valves are metric. There will be no warranty accepted for any ports that have had NPT fittings forced into them.

Metric fittings must be sealed by a soft washer or thrust ring and O-ring. Do not use sealant on metric threads.

OK ✅



Mounting Flange

Metric



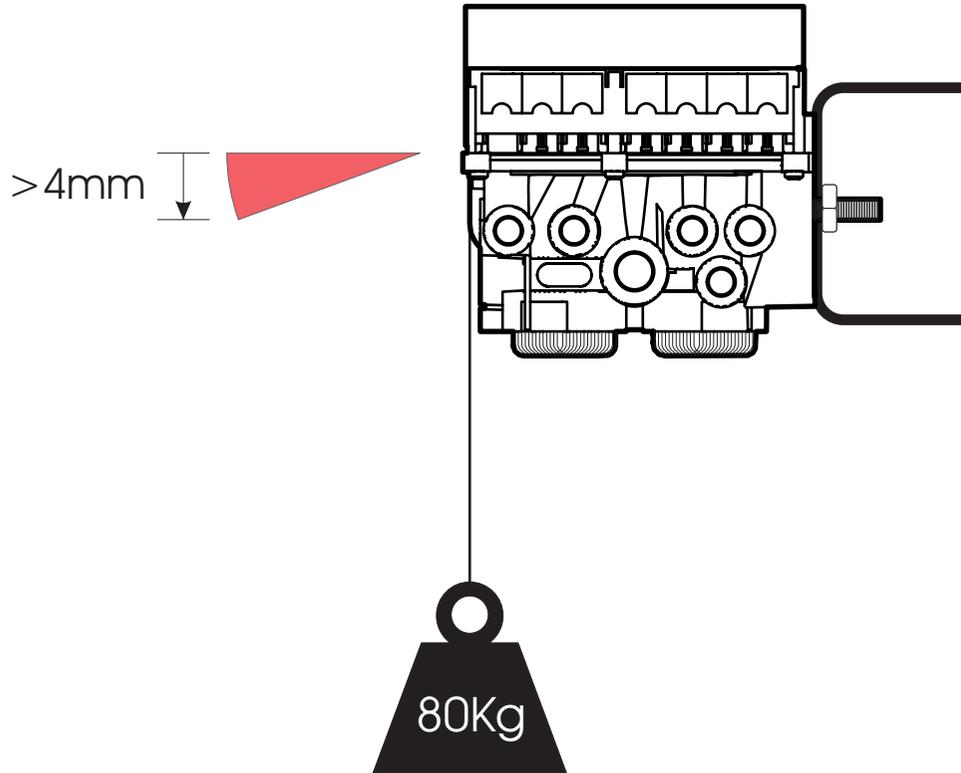
Metric



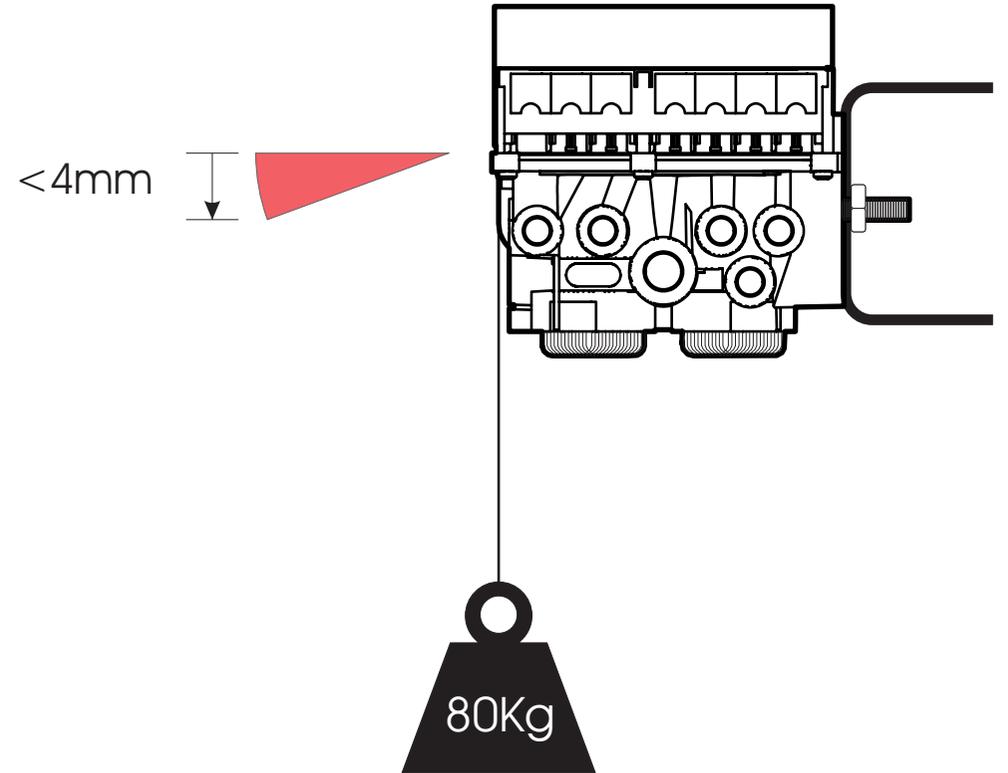
"NPT



NOT OK ❌

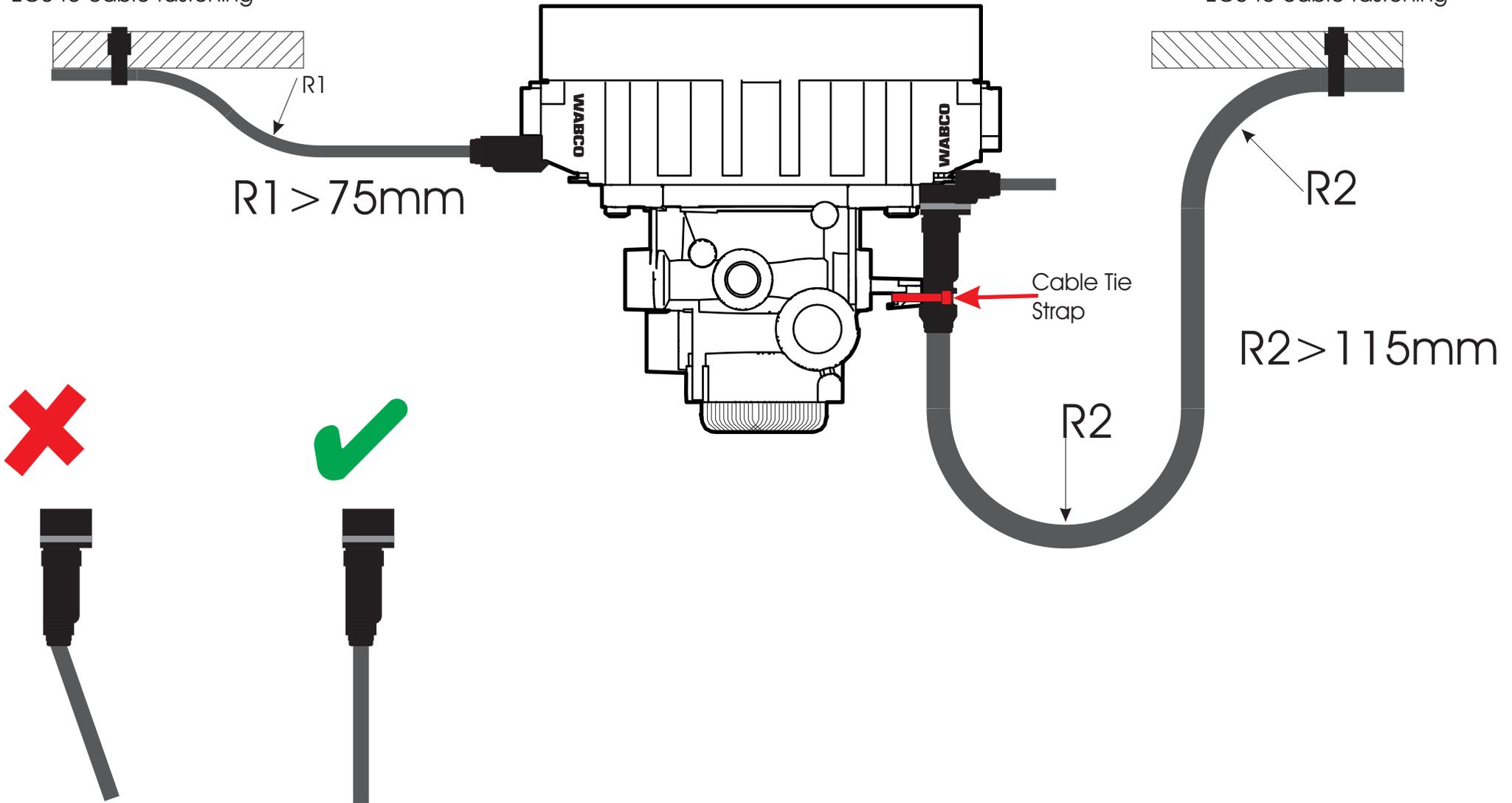


OK ✅

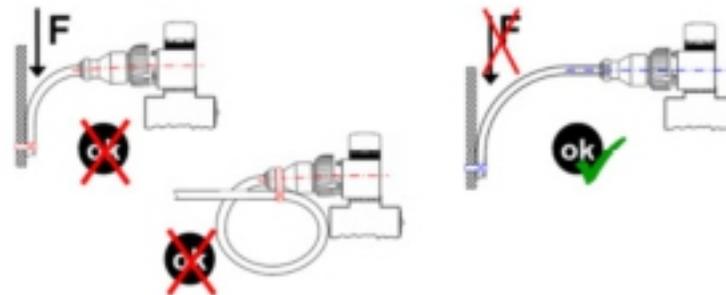
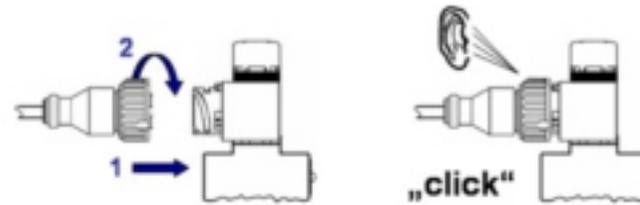
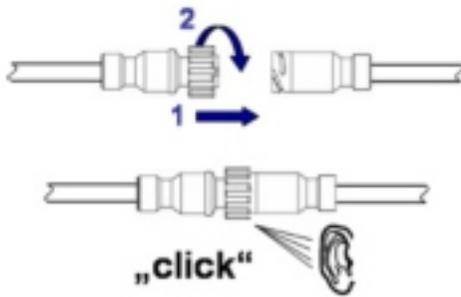
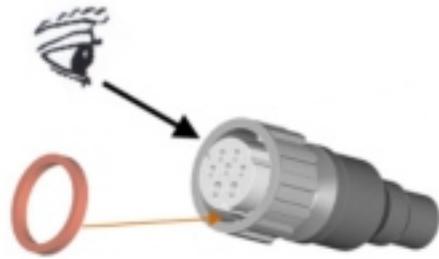


maximum 300mm from ECU to cable fastening

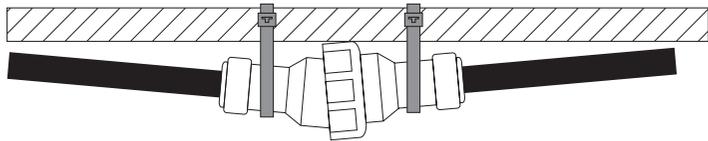
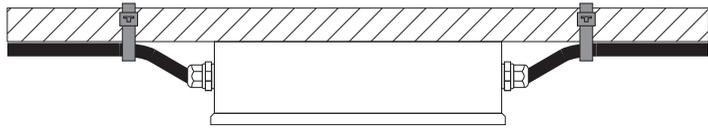
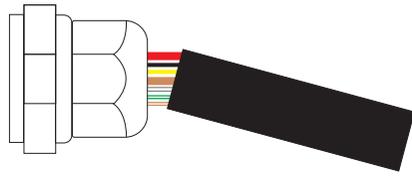
maximum 300mm from ECU to cable fastening



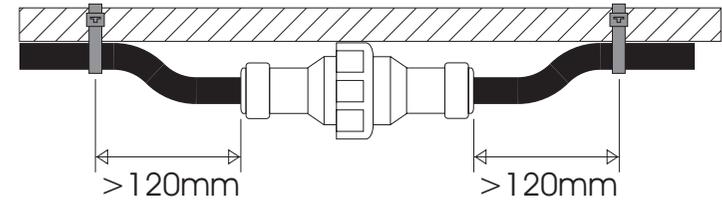
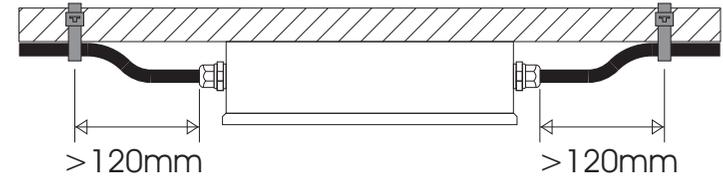
Twist Lock Cable Connectors.



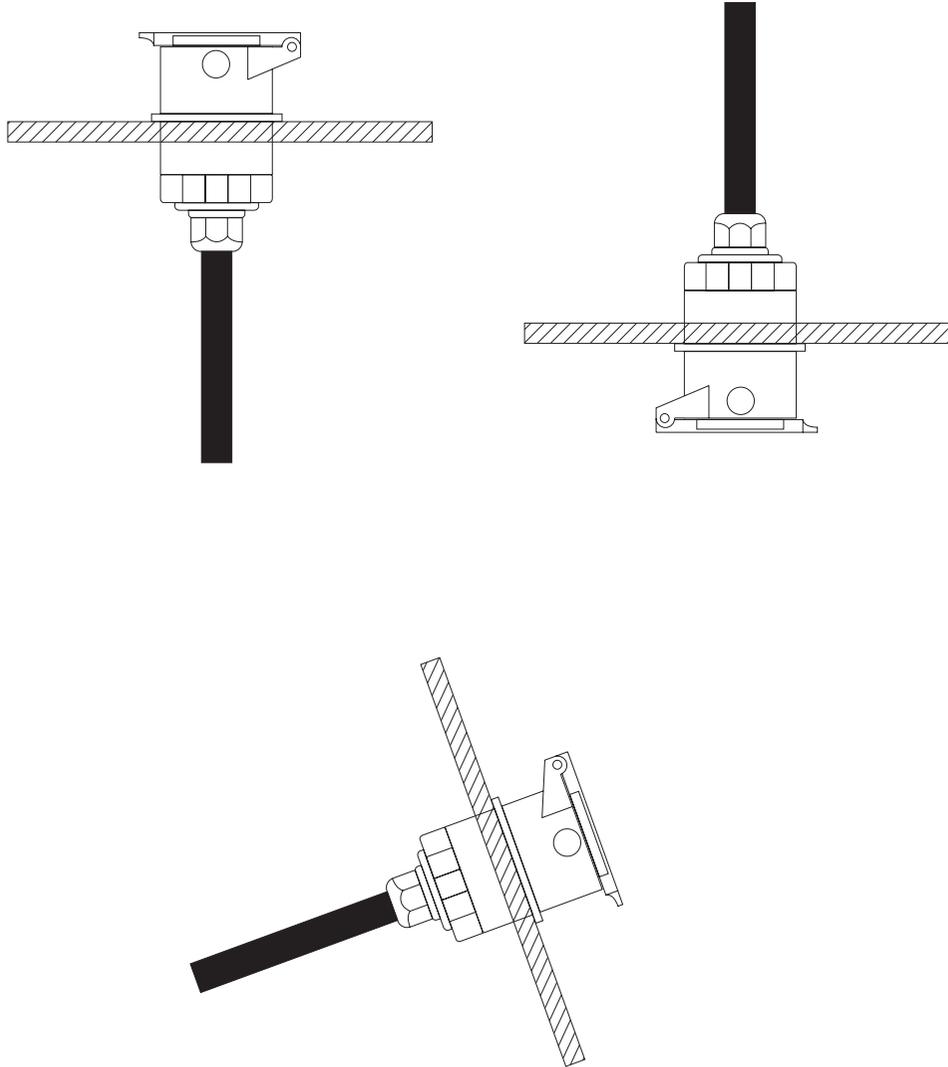
NOT OK ❌



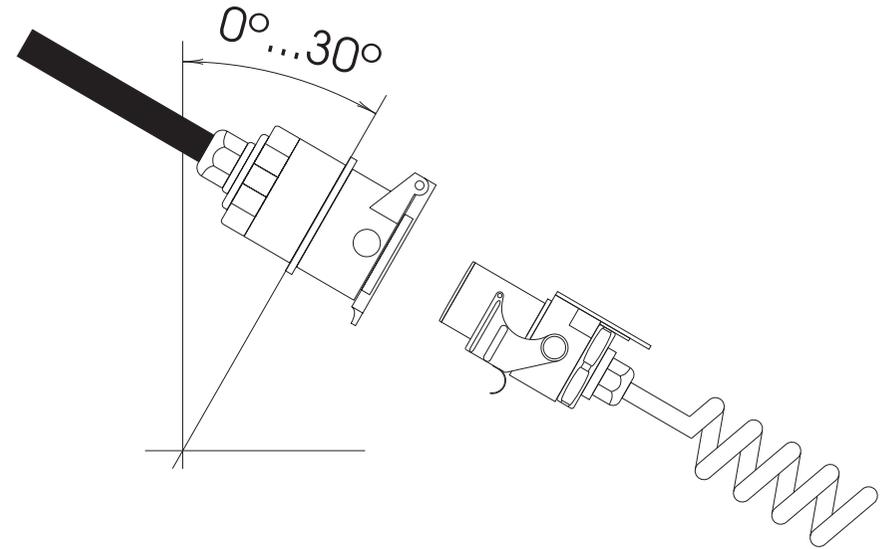
OK ✅

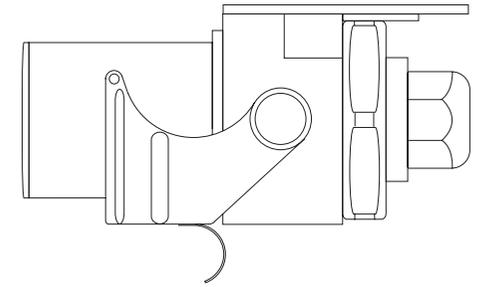
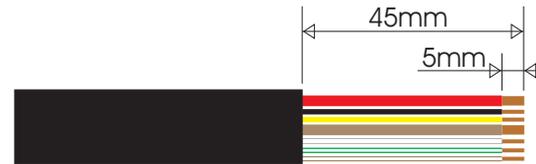
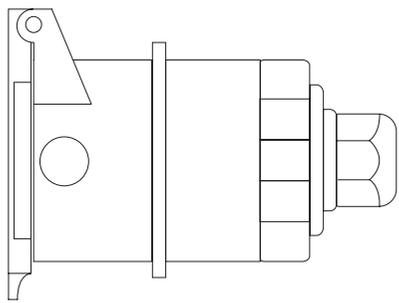


NOT OK ❌

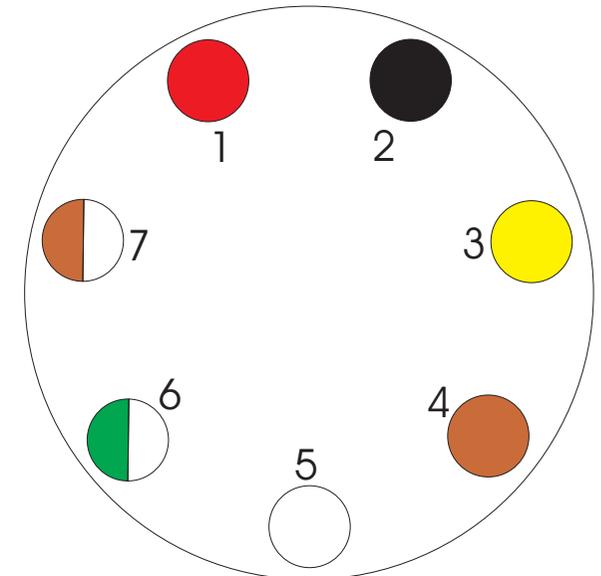
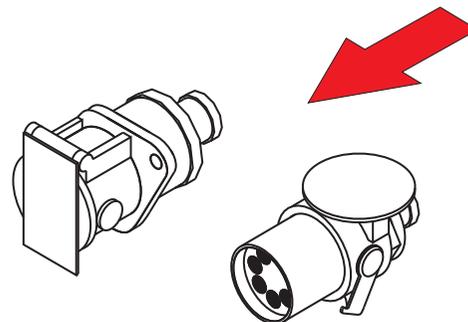
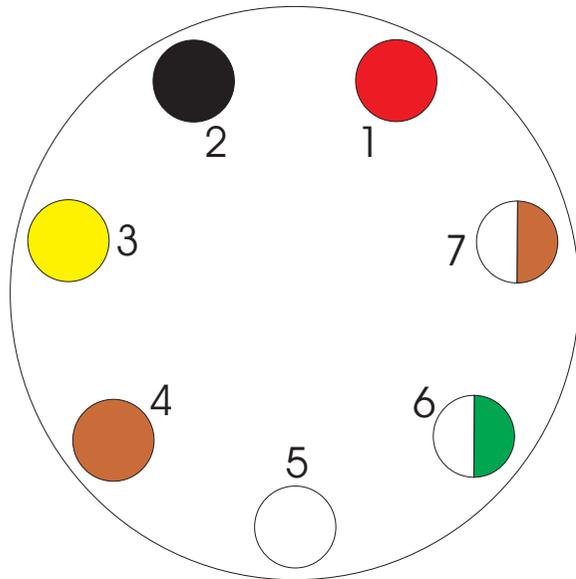


OK ✅



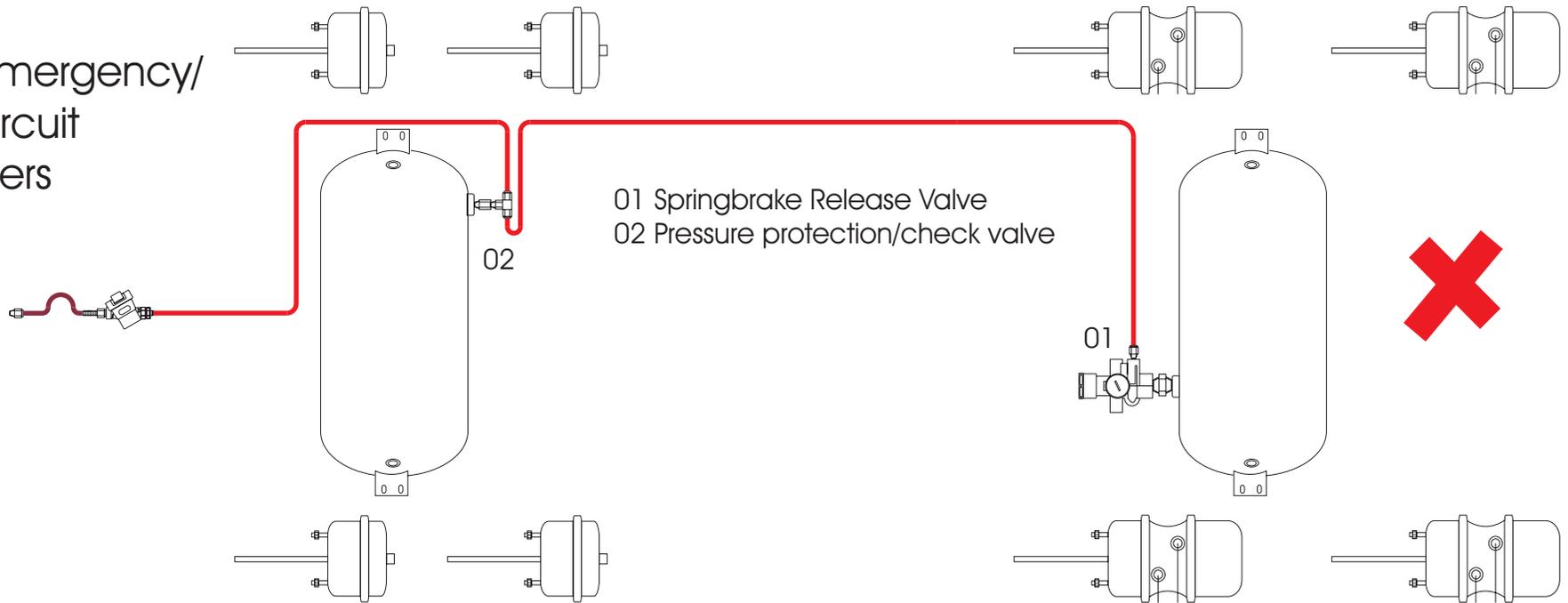


View from the BACK
where the pins
are inserted.



- Pin 1 - Red - Solenoid Power (Battery)
- Pin 2 - Black - ECU Power (Ignition)
- Pin 3 - Yellow - ECU Ground (Negative)
- Pin 4 - Brown - Solenoid Ground (Negative)
- Pin 5 - White - Warning Lamp (Dashboard +)
- Pin 6 - Green/White - CAN High (Digital)
- Pin 7 - Brown/White - CAN Low (Digital)

Traditional Emergency/ Charging Circuit For Dog Trailers



Trailer EBS Charging Circuit For Dog Trailers

