

BODY REPAIRS - GENERAL INFORMATION

BODY EARTH STUD REPAIR (G2090739)

GENERAL PROCEDURES

GENERAL EQUIPMENT

EQUIPMENT NAME
Stud extractor set

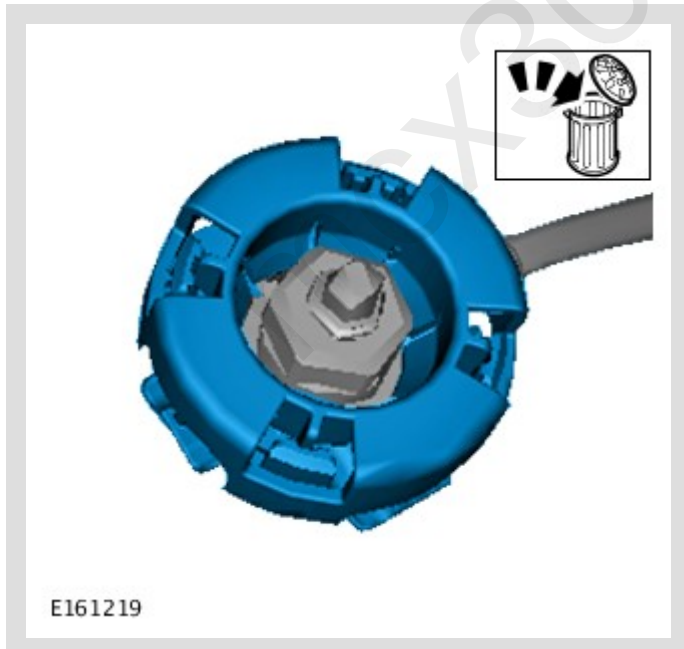
ACTIVATION

1.



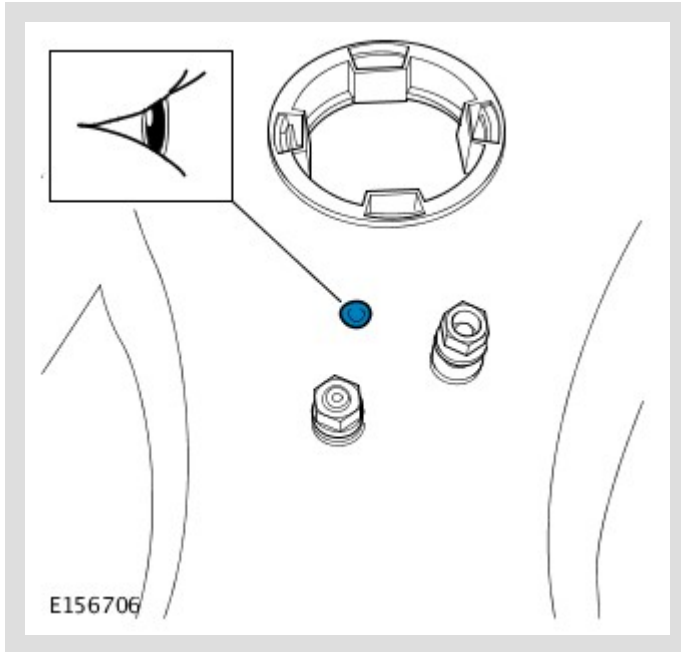
NOTE:

The plastic earth protection cradle is not compatible with the new stud.



When fitting the repair ground stud please remove the harness cradle from the harness before re-attaching the eyelet to the stud and tightening.

2.



Locate the broken or cross threaded stud.

3.

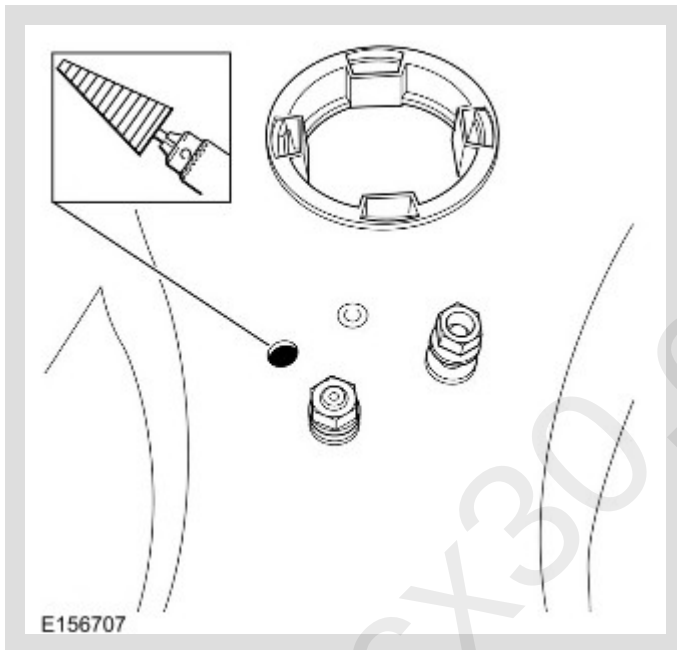
Dress/file the broken stud to a safe and acceptable repair standard.

⚠ CAUTION:

To prevent damage to other components make sure there are no components in the area that may be damaged by the drilling process.

⚠ NOTES:

- Cleanliness is important to avoid galvanic corrosion.
- Make sure any swarf is removed/cleaned away.
- Complete drilling in close proximity to the broken/cross threaded stud.
- The stepped cutter should not be used for any other procedure to avoid galvanic corrosion.



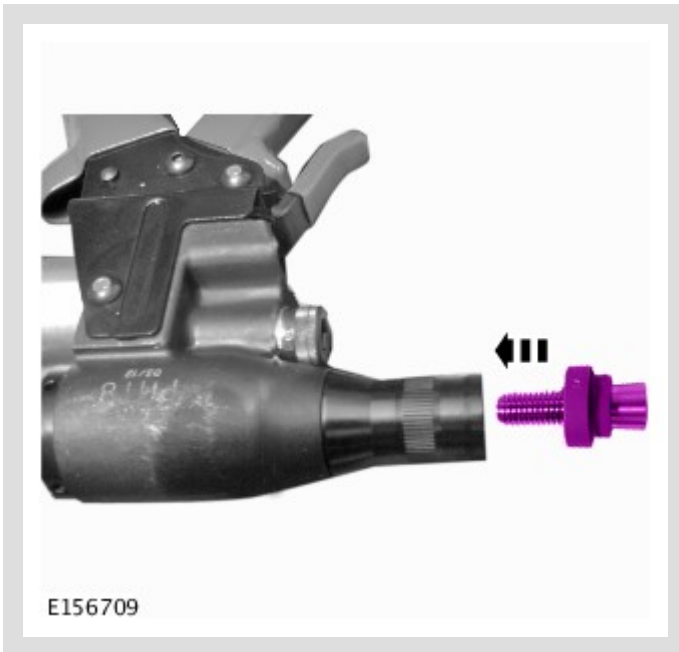
Using the stepped cutter supplied in the kit (MRPK4072) drill until you achieve the required diameter hole.

For additional information

Refer to: Adhesives, Fixings and Consumables (501-25A, Description and Operation).

General Equipment: [Stud extractor set](#)

5.



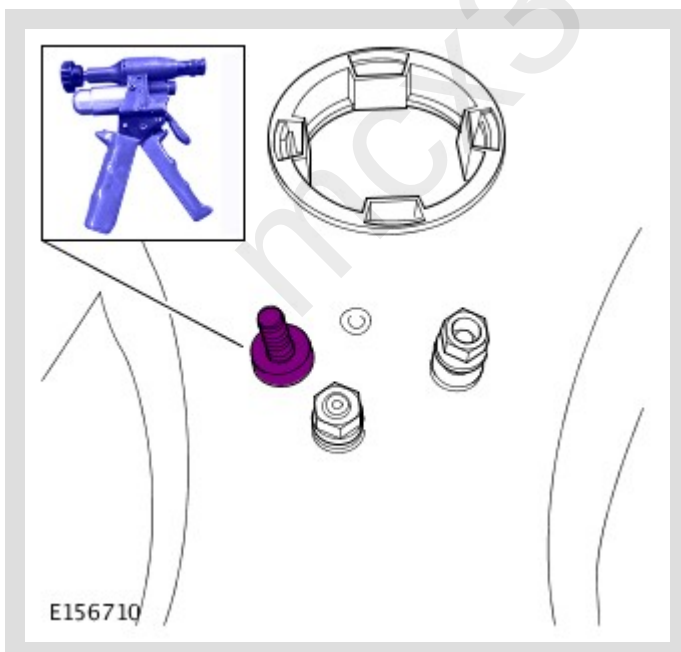
Load the new stud into the stud applicator tool.

General Equipment: [Stud extractor set](#)

6.

NOTE:

The earth stud bond is totally self sealing and watertight and there is no need to dress the hole with any primer before fitting.



Place the new stud into the drilled hole. Apply pressure to the trigger of the applicator tool until the pressure reduces, this will indicate the applicator tool has reached the end of its cycle.

General Equipment: [Stud extractor set](#)



Install the harness to the repaired stud as shown.

Torque

M6: **8Nm**

M8: **15Nm**

M10: **34Nm**