

LEFT-HAND SUSPENDED ENGINE MOUNTING: REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Special tooling required

Support for removal - refitting of engine - gearbox assembly

Mot. 1390

WARNING



■ To avoid all risk of damage to the systems, apply the safety and cleanliness instructions and operation recommendations before carrying out any repair:

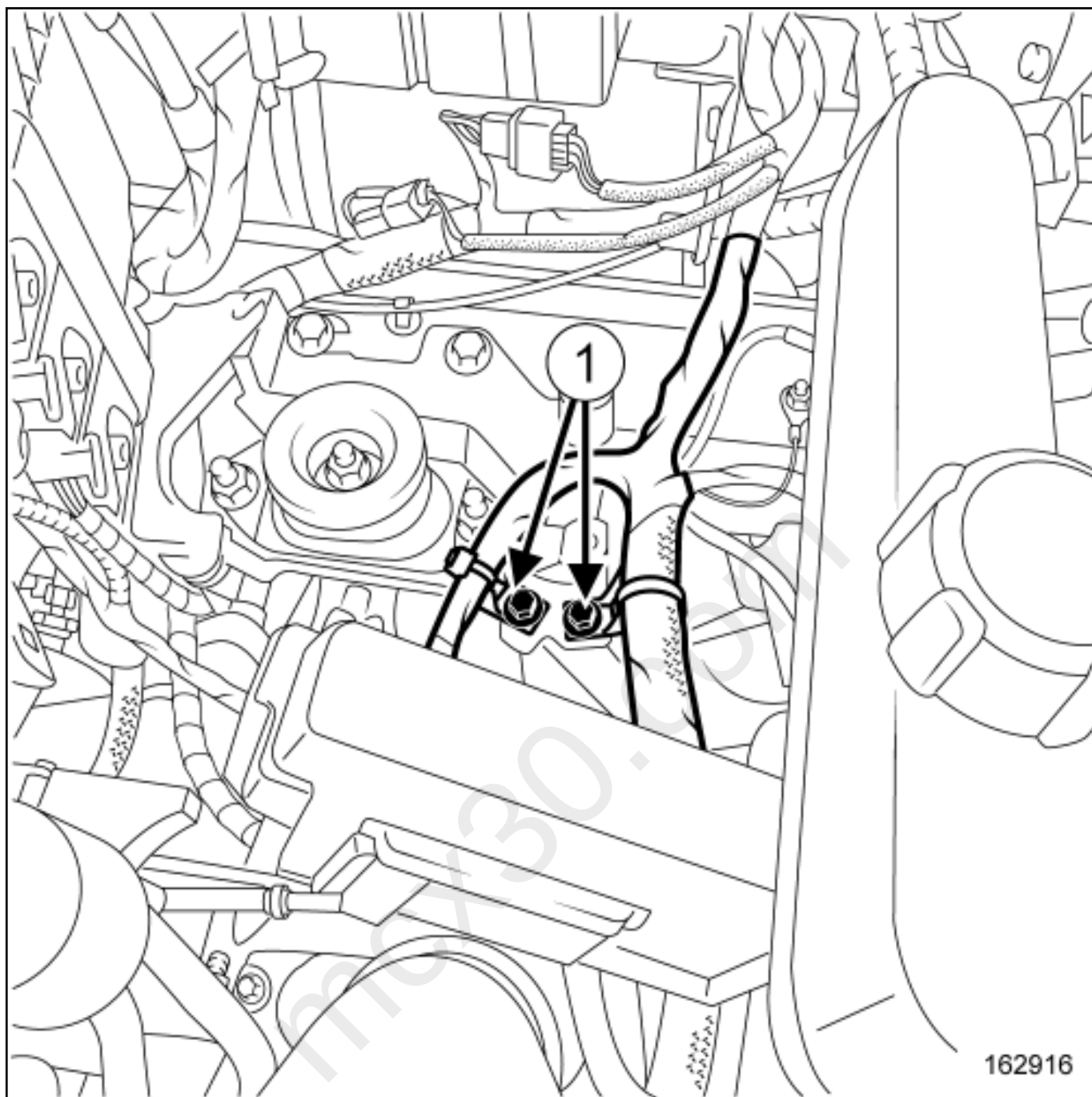
- [Vehicle: Precautions for the repair](#) ,
- [Wiring: Precautions for the repair](#) .

Locations and specifications (tightening torques, parts always to be replaced, etc)([see 19D, Engine mounting, Engine-gearbox unit support assembly: Exploded view](#)) .

REMOVAL

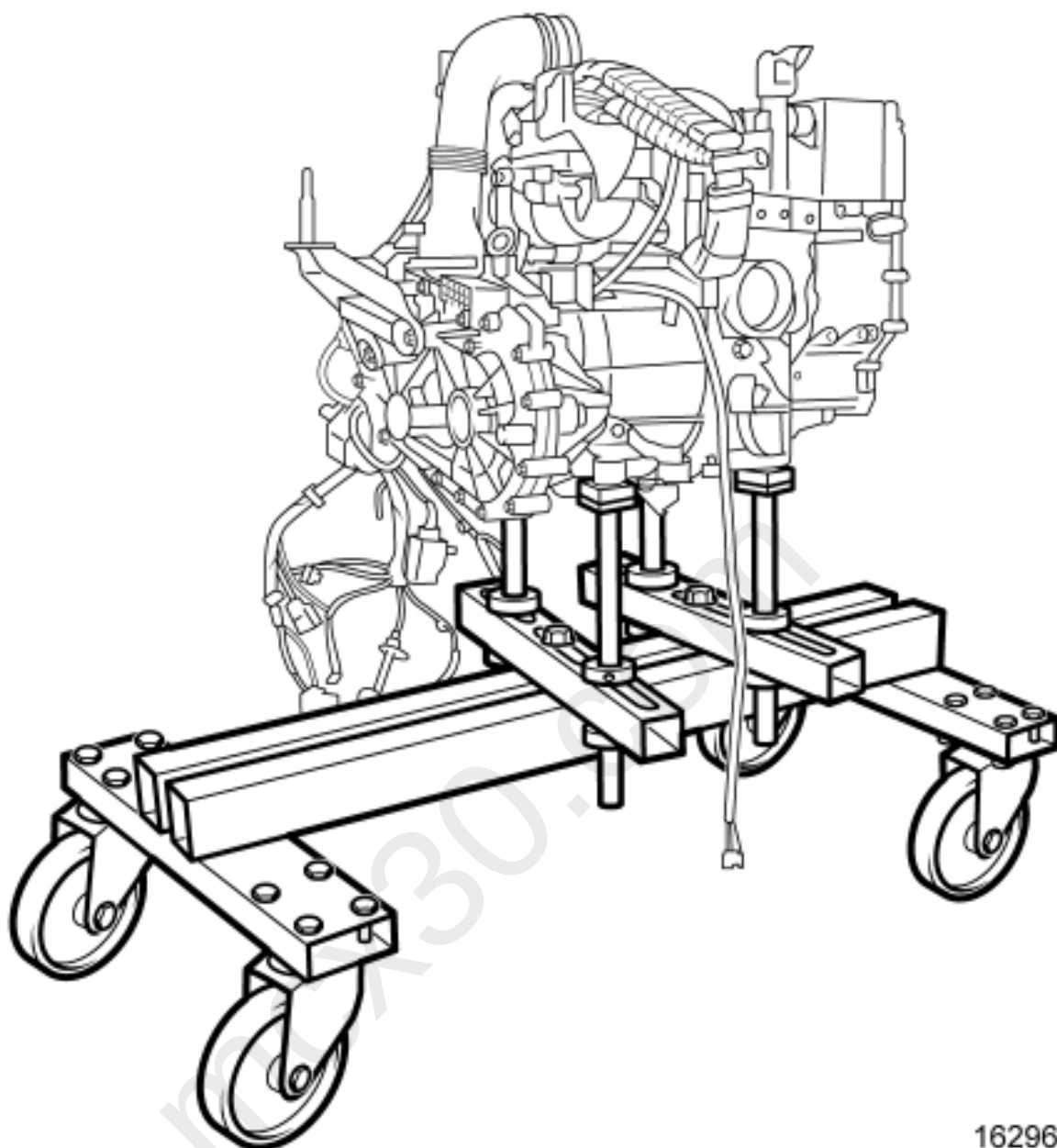
1. REMOVAL PREPARATION OPERATION

- Position the vehicle on a two-post lift [Vehicle: Towing and lifting](#) .
- Lockout the vehicle [Vehicle: Lockout - Removal of lockout](#) .
- Remove the engine undertray.
- Remove the lower engine tie-bar ([see 19D, Engine mounting, Engine-gearbox unit support assembly: Exploded view](#)) .
- Remove the 12V battery [Battery: Removal - Refitting](#) .
- Remove the 12V battery tray [Battery tray: Removal - Refitting](#) .



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- Remove the screws(1) of the wiring on the support of the left-hand suspended engine mounting.
- Move aside the wiring from the support of the left-hand suspended engine mounting



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- Support the electric powertrain assembly using the tool Support for removal - refitting of engine - gearbox assembly (Mot. 1390).

2. REMOVAL OPERATION

- Remove the nut from the left-hand bracket axis ([see 19D, Engine mounting, Engine-gearbox unit support assembly: Exploded view](#)).
- Gently lower the engine until the rubber pad detaches.

- ❑ Remove [\(see 19D, Engine mounting, Engine-gearbox unit support assembly: Exploded view\)](#) :
 - the nuts from the left-hand suspended engine mounting,
 - the left-hand suspended engine mounting.
- ❑ Remove the support of left-hand suspended engine mounting lower screws[\(see 19D, Engine mounting, Engine-gearbox unit support assembly: Exploded view\)](#) .
- ❑ Loosen the support of left-hand suspended engine mounting upper screws[\(see 19D, Engine mounting, Engine-gearbox unit support assembly: Exploded view\)](#) .
- ❑ Remove the support of left-hand suspended engine mounting[\(see 19D, Engine mounting, Engine-gearbox unit support assembly: Exploded view\)](#) .
- ❑ Remove the gearbox support screws[\(see 19D, Engine mounting, Engine-gearbox unit support assembly: Exploded view\)](#) .
- ❑ Remove the gearbox support[\(see 19D, Engine mounting, Engine-gearbox unit support assembly: Exploded view\)](#) .

REFITTING

1. REFITTING OPERATION

- ❑ Refit the gearbox support[\(see 19D, Engine mounting, Engine-gearbox unit support assembly: Exploded view\)](#) .
- ❑ Refit the gearbox support screws[\(see 19D, Engine mounting, Engine-gearbox unit support assembly: Exploded view\)](#) .
- ❑ Torque tighten the gearbox support screws[\(see 19D, Engine mounting, Engine-gearbox unit support assembly: Exploded view\)](#) .
- ❑ Refit the support of left-hand suspended engine mounting[\(see 19D, Engine mounting, Engine-gearbox unit support assembly: Exploded view\)](#) .
- ❑ Refit the support of left-hand suspended engine mounting screws[\(see 19D, Engine mounting, Engine-gearbox unit support assembly: Exploded view\)](#) .
- ❑ Torque tighten the support of left-hand suspended engine mounting screws[\(see 19D, Engine mounting, Engine-gearbox unit support assembly: Exploded view\)](#) .
- ❑ Refit [\(see 19D, Engine mounting, Engine-gearbox unit support assembly: Exploded view\)](#) :
 - the left-hand suspended engine mounting,
 - the nuts from the left-hand suspended engine mounting.

- ❑ Torque tighten the nuts from the left-hand suspended engine mounting([see 19D, Engine mounting, Engine-gearbox unit support assembly: Exploded view](#)) .

2. FINAL OPERATION

- ❑ Proceed in the reverse order to removal.



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