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Assembling the gearbox (manual gearbox)

1. Lift the engine (**A-Fig.1**) slightly using a specific lifting device to facilitate the connection between the engine and the gearbox rear differential assembly.



Fig.1

2. Position the gearbox rear differential assembly on the engine (**B-Fig.2**).

Important!
STOP Ensure the gear shaft (α -Fig.2) and P.T.O. shaft (β -Fig.2) are aligned with their respective engine connections.

i Lubricate the gear shaft (α -Fig.2) and P.T.O. shaft (β -Fig.2) junctures.

3. Tighten a screw (**C-Fig.2**) to secure the gearbox rear differential assembly to the engine.

Screw attachment: tightening torque (000800-3d).

4. Tighten the remaining eight screws (**D-Fig.2**) securing the gearbox housing to the engine.

Screw attachment: tightening torque (000800-3d).

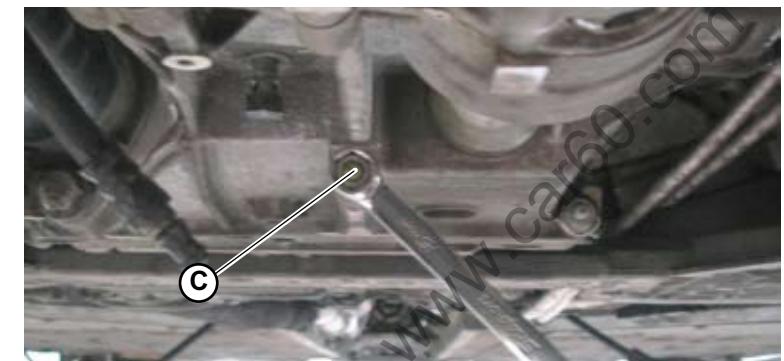
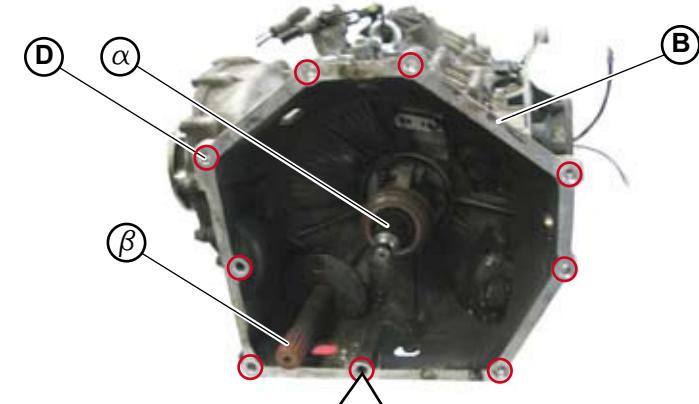


Fig.2


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5. Tighten four screws (E-Fig.3) to secure the engine to the chassis.

Screw attachment: tightening torque (000800-36b).

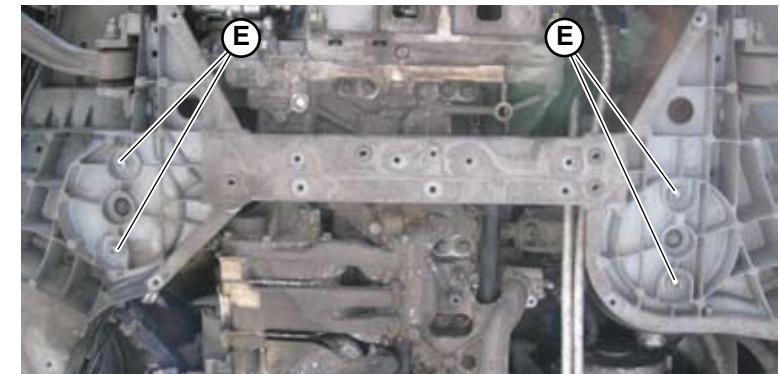


Fig.3

6. Connect the power steering circuit pipe (F-Fig.4) to the corresponding pump.



Fig.4

7. Connect the speed sensor cable connector (G-Fig.5).

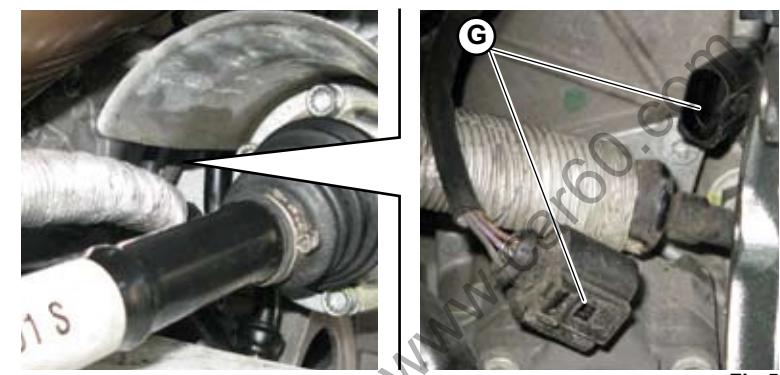


Fig.5


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8. Tighten the six screws on both sides (**H-Fig.6**) securing the axle shaft to the rear differential.

Screw attachment: tightening torque (000800-19c).



Fig.6

9. Position the gear selection cable support bracket (**I-Fig.7**) by tightening three screws.

10. Connect the two gear selection cables (**J-Fig.7**).

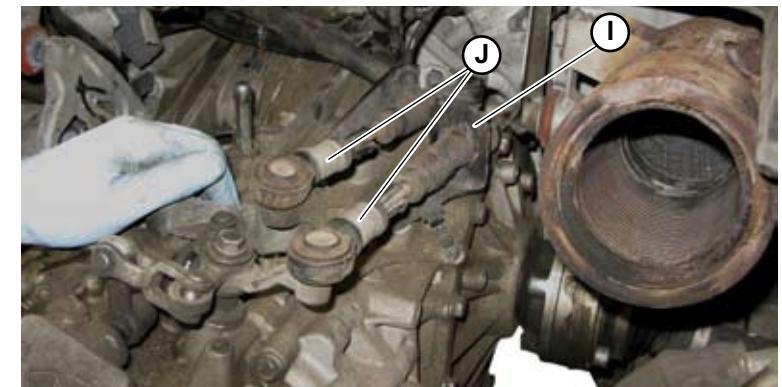


Fig.7

11. Position the joint bulkhead (**K-Fig.8**) on the right side between the axle shaft and the differential by tightening three screws (**L-Fig.8**).

Screw attachment: tightening torque (000800-5b).

12. Position the bracket (**M-Fig.8**) and tighten the rear differential gearbox assembly support screw (**N-Fig.8**).

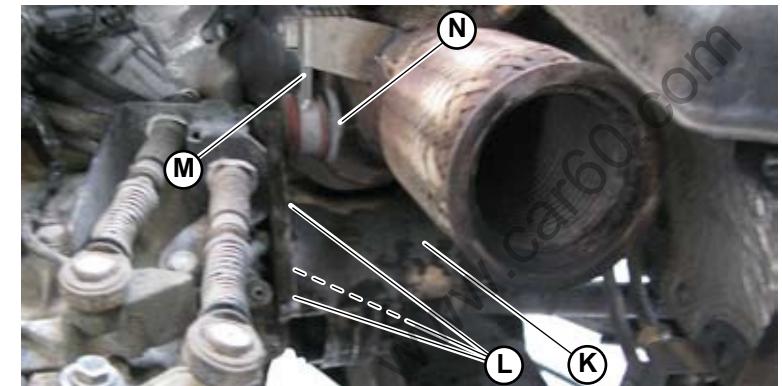


Fig.8


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13. Position the joint bulkhead (**O-Fig.9**) on the left side between the axle shaft and the differential by tightening three screws (**P-Fig.9**).

Screw attachment: tightening torque (000800-5b).

14. Position the bracket (**Q-Fig.9**) and tighten the rear differential gearbox assembly support screw (**R-Fig.9**).

15. Secure three clamps (**S-Fig.9**).

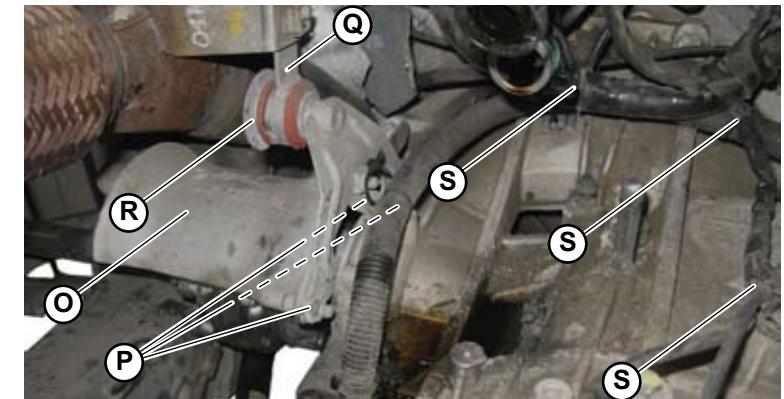


Fig.9

16. Connect the oil circuit delivery and return pipes (**T-Fig.10**) to the gearbox.

17. Tighten the screw (**U-Fig.10**) securing the mounting bracket of the gearbox oil circuit pipes.

18. Tighten the nut (**V-Fig.10**) on both sides securing the gearbox to the chassis.

Bolt attachment: tightening torque (000800-36c).

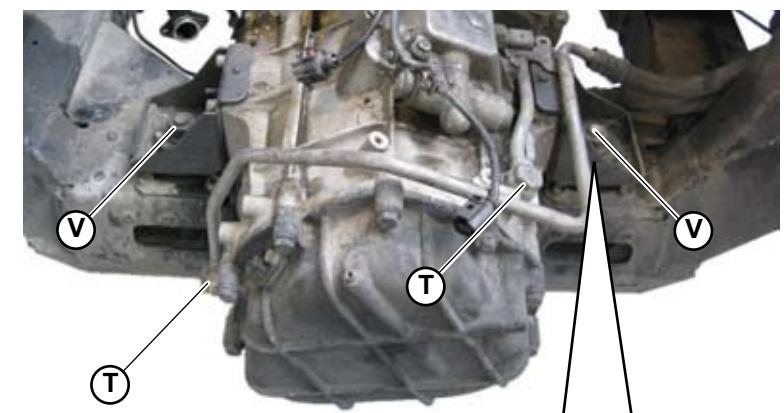


Fig.10

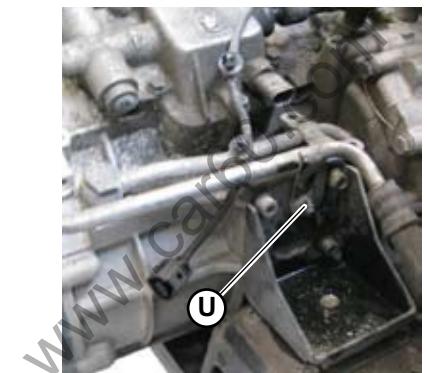


Fig.10


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19. Connect the positive cable connector (W-Fig.11) to the starter.
20. Connect the earth cable (X-Fig.11) to the starter.



Fig.11

21. Connect the speed sensor connector (Y-Fig.12).
22. Connect the cable connector (Z-Fig.12) originating from the starter.
23. Connect the cable connector (A¹-Fig.12) originating from the gear selector (reverse gear).

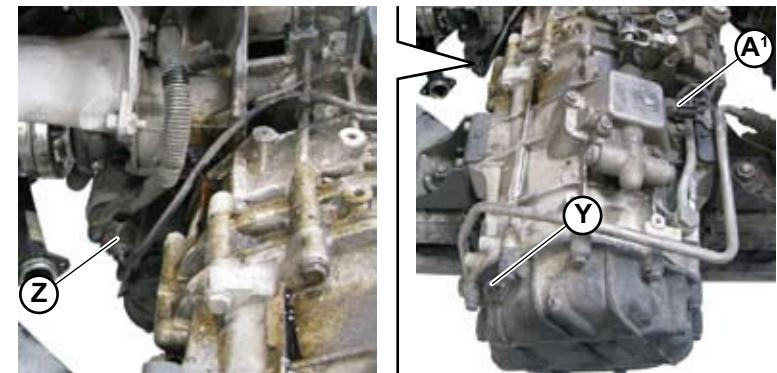


Fig.12

24. Secure the clamps on both sides (B¹-Fig.13) securing the rear hood opening pipe to the chassis.



Place the gear selection lever in neutral and make any necessary adjustments to the gearbox. (071102).



Fig.13



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- Assemble the oil tank (011505).
- Assemble the exhaust terminal (025105).
- Assemble the air filter assembly (013305).
- Assemble the stabiliser bar (051005).
- Assemble the rear bumper (080705).
- Assemble the upper panel (081305).
- Assemble the rear lights (094505).
- Assemble the engine internal panels (Engine Bay) (081305).
- Assemble the engine hood (082705).
- Assemble the rear vehicle floor (082505).
- Assemble the rear wheel arches (082105).
- Assemble the rear tires (060105).
- Fill the engine oil circuit (011708).