



Ferrari North America

Technical Information

Date: May 2019
Bulletin #: 2583
Campaign #:
Supersedes: 2253
Section: 9

Model Type: 458 Italia/Spider/Speciale/SpecialeA, F12 Berlinetta, California
Model Year: All
Subject: SABELT Racing seats

Please note that the following individual components are now available as spare parts for the aforementioned models:

- Electric motor **Part No. 86974700** Q.ty 1 (applicable for **California**);
- Electric motor **Part No. 86974800** Q.ty 1 (applicable for **F12 Berlinetta**);
- Gear motor Bowden cable **Part No. 82998700** Q.ty 1 (applicable for **California**);
- Gear motor Bowden cable **Part No. 86770800** Q.ty 1 (applicable for **F12 Berlinetta**);

- IMPORTANT -

The separate seat bottoms and seat backrests can **NO LONGER** be ordered as spare parts for the aforementioned models. If necessary, you must order the complete seat, referring to the Spare Parts Catalog for the respective model.



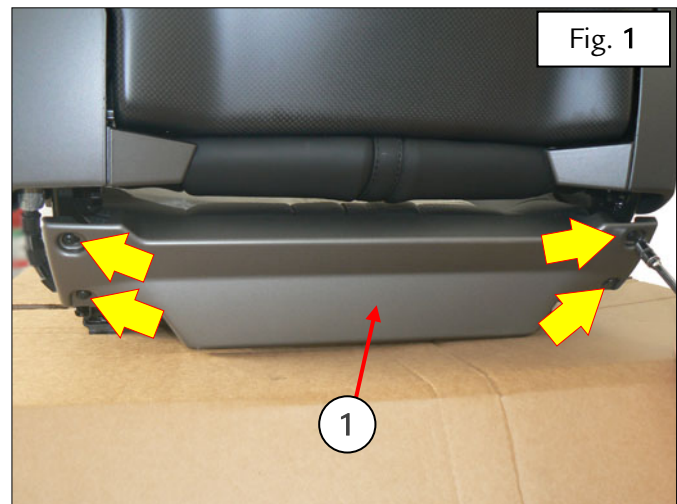
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Procedure

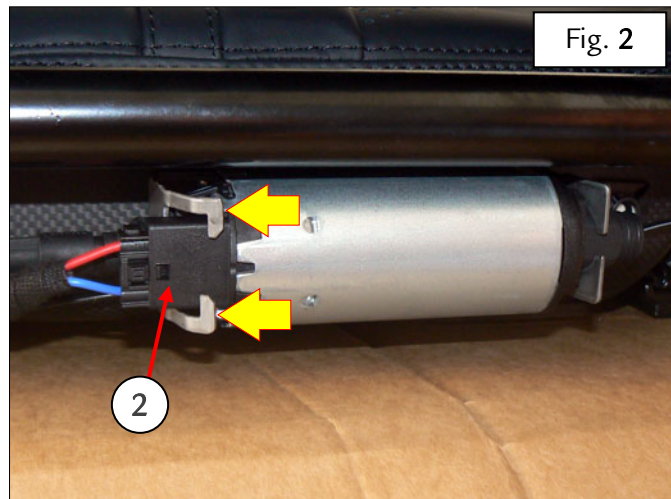
REPLACING ELECTRIC MOTOR AND BOWDEN CABLE - Ferrari California and F12 Berlinetta.

- Remove the seat from the vehicle as described in the Workshop Manual.
- Place the seat on a clean surface in a suitably protected area for the following operations.

- Remove the cover (1), undoing the indicated screws – Fig. 1.



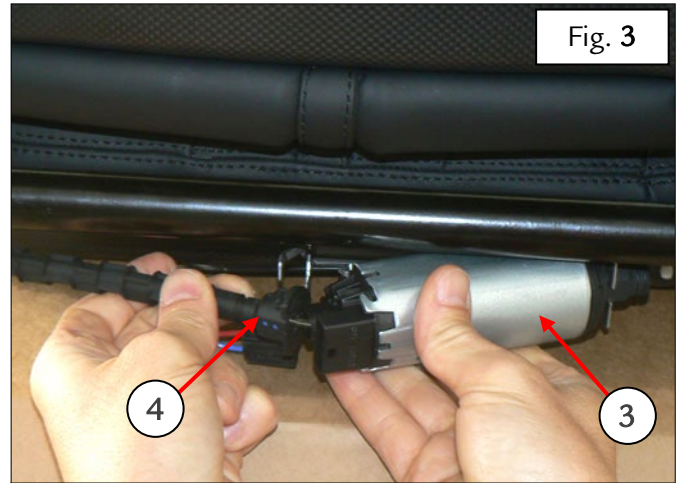
- Move the two retainer tabs in the direction indicated by the arrows – Fig. 2.
- Disconnect the connector (2) – Fig. 2.



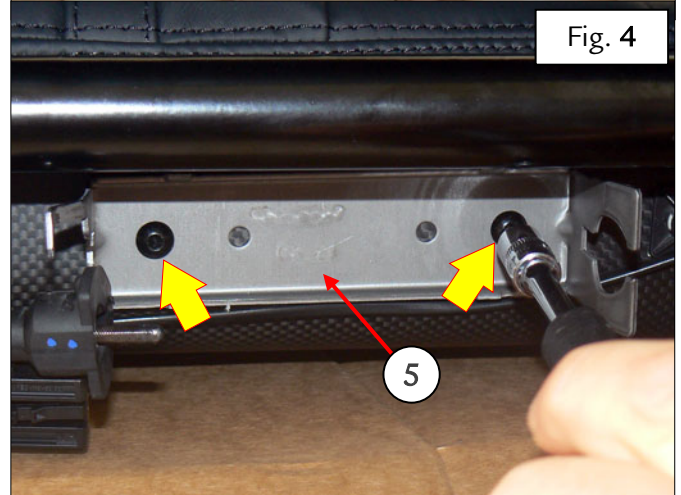


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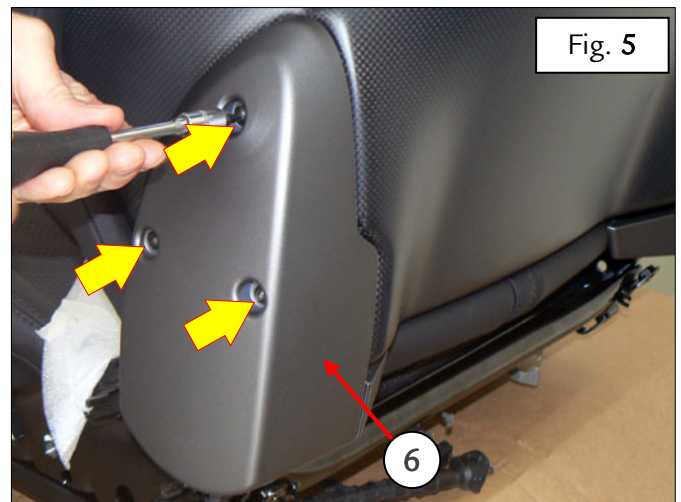
- Remove the electric motor (3), detaching the Bowden cable (4) – Fig. 3.
- Replace the electric motor (3) – Fig. 3.



- If necessary, replace the mounting bracket (5) for the electric motor, undoing the indicated screws – Fig. 4.



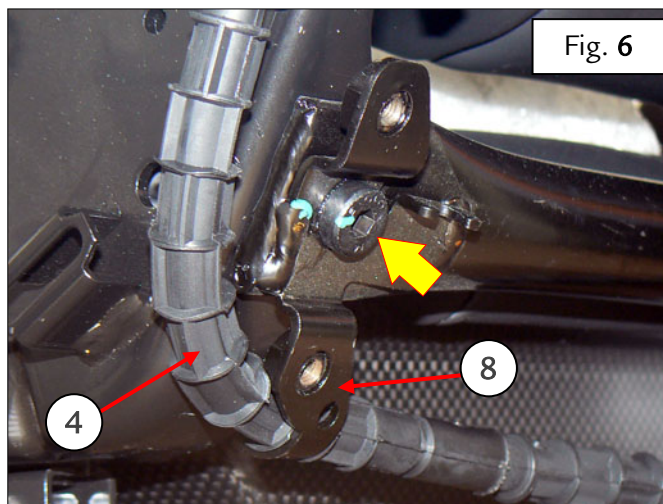
- Remove the lateral cover (6), undoing the indicated screws – Fig. 5.



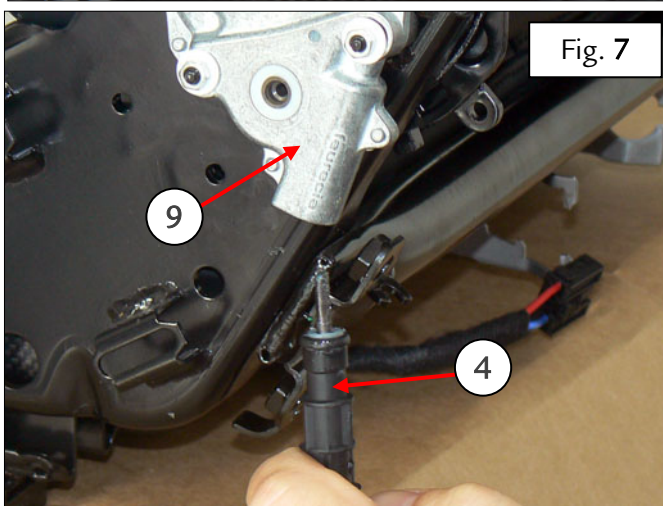


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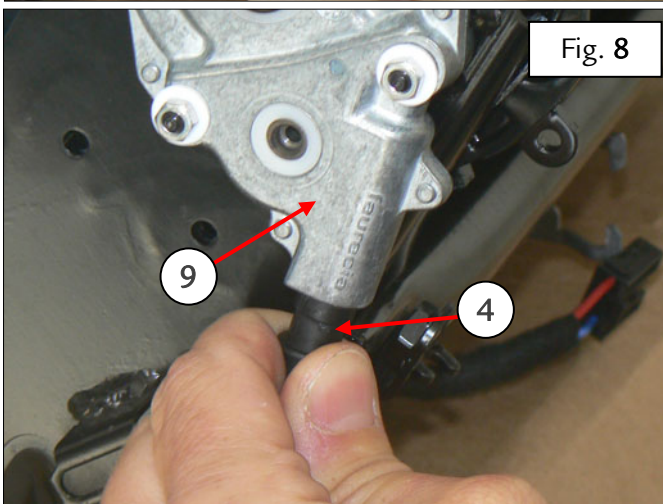
- Undo the indicated screw then detach the Bowden cable (4) from the bracket (8) – Fig. 6.



- Manually pull the Bowden cable (4) out of the reduction gear unit (9) – Fig. 7.
- Replace the Bowden cable (4) – Fig. 7.



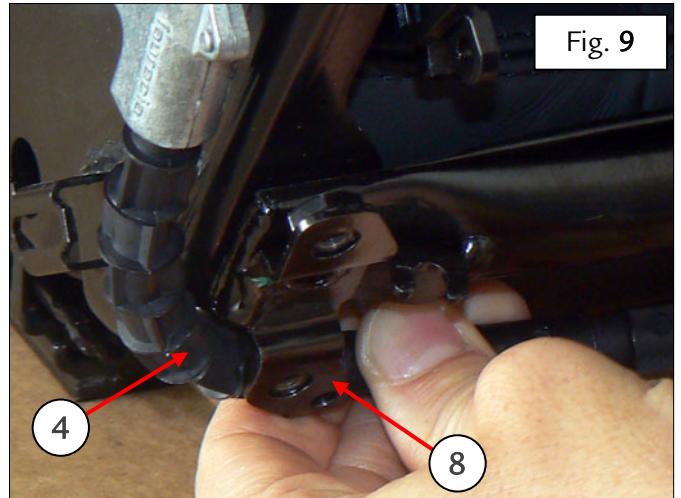
- Fasten the new Bowden cable (4) in the relative seat on the reduction gear unit (9) – Fig. 8.



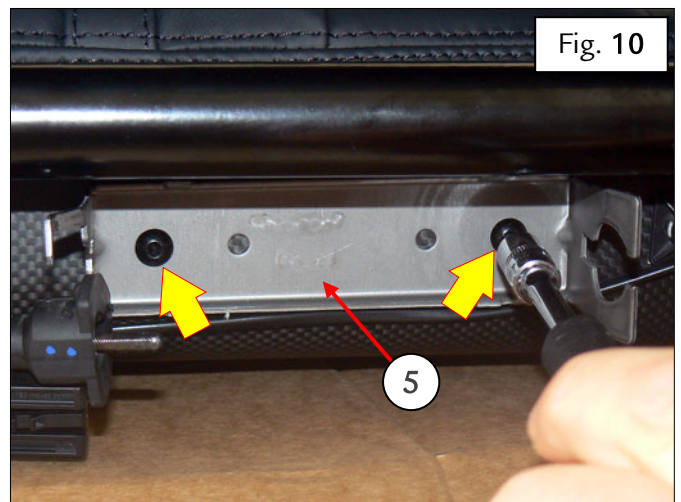


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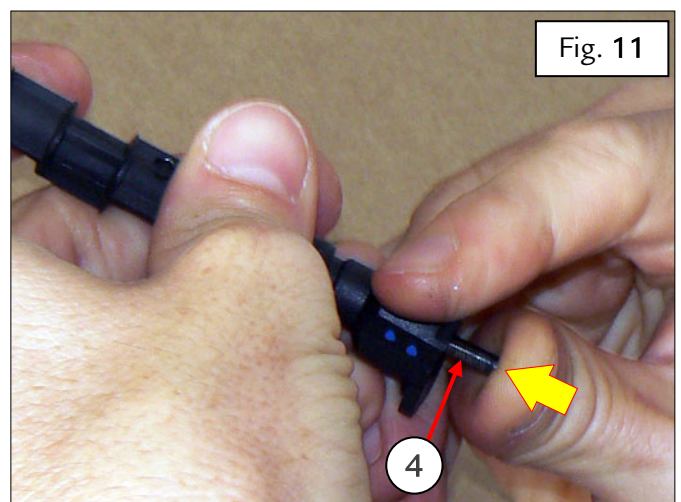
- Fasten the Bowden cable (4) to the retainer bracket (8) – Fig. 9.



- If the bracket was removed, fasten the new bracket (5), tightening the indicated screws to a torque of 4 Nm – Fig. 10.



- Push the Bowden cable (4) in completely – Fig. 11.

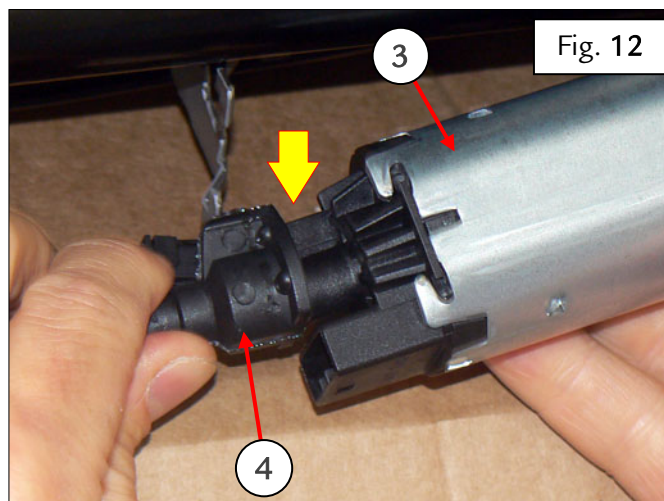




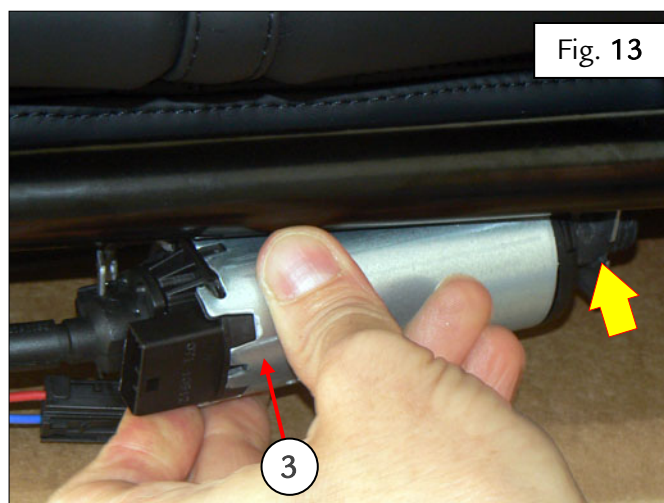
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- Attach the Bowden cable (4) to the relative seat indicated on the electric motor (3) – Fig. 12.

Note: Ensure that the square section cable is fitted correctly in the respective cavity on the motor (3).



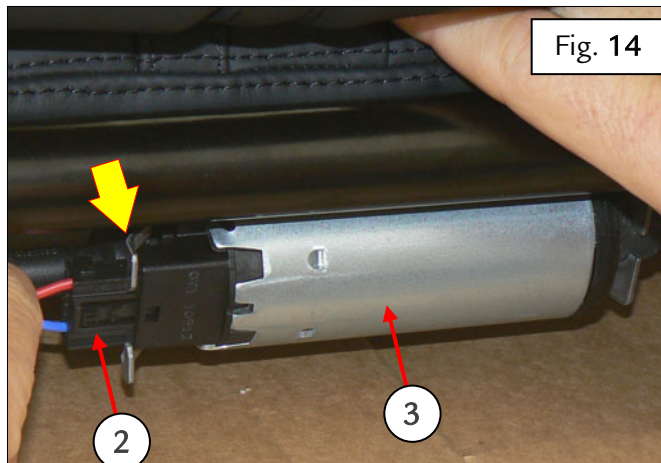
- Turn the electric motor (3) with the electrical connector facing outwards – Fig. 13.
- Fasten the rear of the electric motor in the rubber block indicated – Fig. 13.



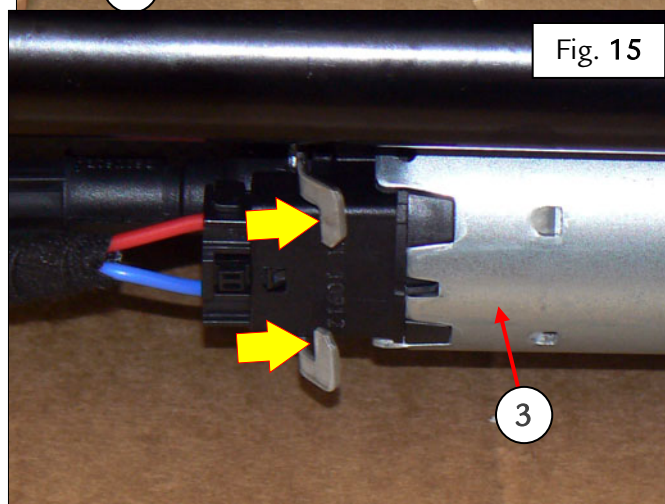


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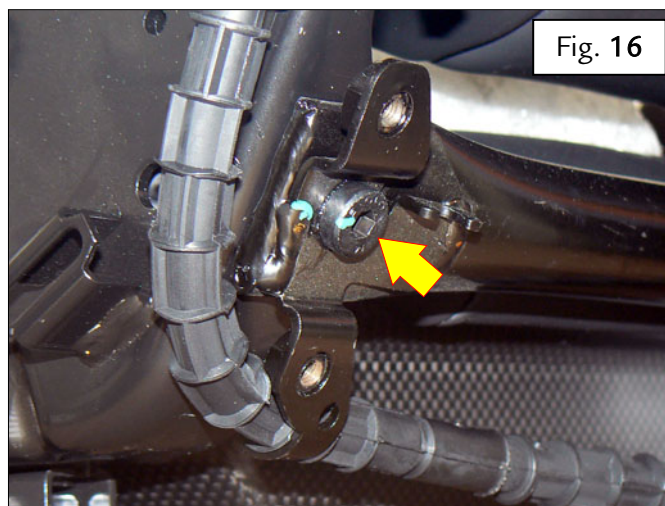
- Fasten the front of the electric motor (3) onto the relative bracket indicated, then connect the connector (2) – Fig. 14.



- Fasten the electric motor (3), returning the two clips indicated to their original positions – Fig. 15.



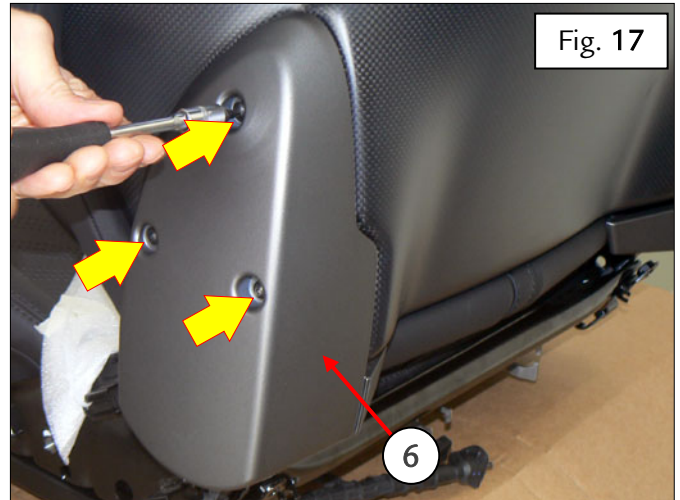
- Ensure that the Bowden cable is not bent incorrectly or strained – Fig. 16.
- Tighten the indicated screw to a torque of **24 Nm**, after applying **Arexon 52A43** or any other commercially available medium strength thread lock compound to the thread of the screw – Fig. 16.



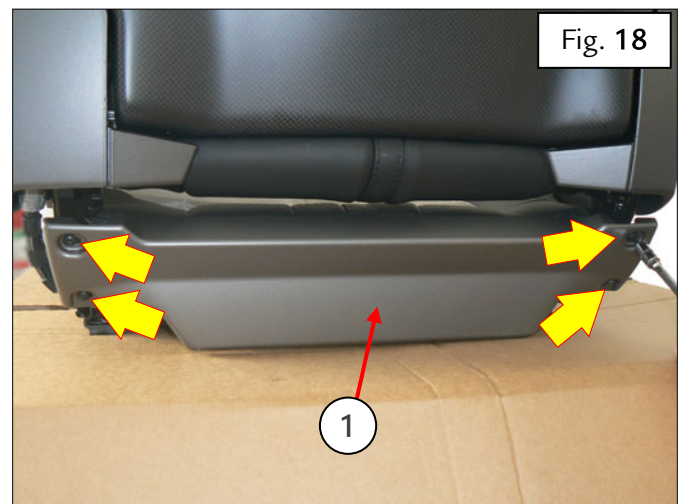


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- Fit and fasten the lateral cover (6), tightening the indicated screws to a torque of 4 Nm – Fig. 17.



- Fit and fasten the cover (1), tightening the indicated screws to a torque of 4 Nm – Fig. 18.



Thank you for your co-operation.