



Ferrari North America

Technical Information

Date: March 2020
Bulletin #: 2645
Campaign #:
Supersedes:
Section: 10

Model:

SF90 *STRADALE*

Subject: Specific tools for SF90 Stradale

Please note that with the launch of the aforementioned model, the tools indicated in the following table will become **mandatory** equipment for complying with the quality standards of the aftersales process of the **Authorized Ferrari Service Network**.

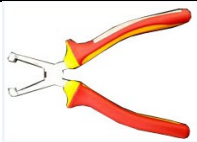
As of **January 2020**, these tools will be included in the list of minimum required specific service center tools and in the list of minimum required specific repair tools for hybrid vehicles.

Specific tools for SF90 Stradale, available from Ferrari Spare Parts Department

Part No.	Description	Quantity to be ordered	Image	Availability of item for ordering from Spare Parts Department
95978850	AV8850 Terminal cover for HV cable from HVB, battery side	2		Auto Ship
95978851	AV8851 Terminal cover for HV cable from ME	1		Auto Ship
95978852	AV8852 Terminal cover for HV cable from HVB, inverter side	2		Auto Ship



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95978853	AV8853 Cable holder kit (RH + LH)	1		Auto Ship
95978860	AV8860 Battery cover kit (RH + LH)	1		Auto Ship
95978854	AV8854 Front axle cover	2		Auto Ship
95978859	AV8859 Phonic wheel protection kit (RH + LH)	1		Auto Ship
95978855	AV8855 Retainer block pliers	1		Auto Ship
95978863	AV8863 HV battery handling kit (Coupé/Spider)	1		Date from which orders may be entered will be indicated in a later Technical Information.



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95978861	AV8861 Kit for handling and centering electric machine P2	1		Auto Ship
879950	High voltage battery (HVB) charger	1 (order appropriate charger for your market)		Auto Ship When Available

Generic tools for hybrid vehicles, available from Ferrari Spare Parts Department				
Part No.	Description	Quantity to be ordered	Image	
95970347	Live high voltage parts warning placard kit, dual language (ITA – ENG)	1 (order appropriate kit for your market)		Auto Ship
95970348	Live high voltage parts warning placard kit, dual language (FRA – ENG)			
070006216	Barrier kit for delimiting work area around hybrid vehicles	1		Auto Ship



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95977585	AS 107585 Insulated tool set kit for hybrid vehicles	1		Order as Needed
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In addition to the above, the tools indicated below are also required.

If these tools are already in your possession, please ensure that they are in good condition and perfect working order. If not, you will be required to purchase these tools directly yourself, ensuring that they comply with the technical specifications indicated.

- **HV multimeter** with respective probes for performing electrical measurements on components of the high voltage system – (Fig. 1)

SPECIFICATIONS:

- CAT III 1000V or CAT IV 600V.
- must include insulation test function.

FERRARI recommends:

FLUKE 1587 Insulation Multimeter
code RS 5122486 distributed worldwide by:

[RS Components](https://www.rs-components.com)

www.rs-components.com





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- **Insulated mat** to be placed on workshop floor in area allocated for working on hybrid vehicles. (Fig 2)

SPECIFICATIONS:

- **Class 0**
- **EN 61111**



- **Insulated safety gloves** (to be worn together with protective gloves), for working directly on or in the vicinity of high voltage components (Fig. 3). Insulated safety gloves must be electrically tested every 6 months. There is a 12 month shelf life rule on the gloves. You must send the gloves to an accredited laboratory for retesting. To find a laboratory in your area please visit the following site.

- <http://www.nail4pet.org>.

SPECIFICATIONS:

- **Class 0**
- **EN 60903**



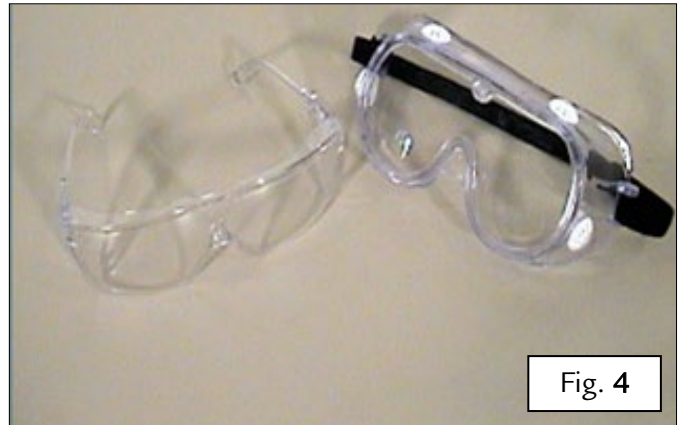


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- **Protective eyewear** for working directly on or in the vicinity of high voltage components (Fig. 4)

SPECIFICATIONS:

- EN 166-168-170



- IMPORTANT -

With regard to the validity of the international IEC regulations (which are also applicable outside the European Union), see the list of member countries indicated on the website <http://www.iec.ch/dyn/www/f?p=103:5:0>

Thank you for your co-operation.