La meccanica delle emozioni
Noi che abbiamo ideato, progettato e costruito il tuo veicolo, lo conosciamo davvero in ogni singolo dettaglio e componente. Nelle officine autorizzate Fiat Professional Service trovi tecnici formati direttamente da noi che ti offrono qualità e professionalità in tutti gli interventi di manutenzione. Le officine Fiat Professional sono sempre al tuo fianco per la manutenzione periodica, i controlli di stagione e per i consigli pratici dei nostri esperti. Con i Ricambi Originali Fiat Professional, mantieni nel tempo le caratteristiche di affidabilità, comfort e performance per cui hai scelto il tuo nuovo veicolo.

Chiedi sempre i Ricambi Originali dei componenti che utilizziamo per costruire le nostre auto e che ti raccomandiamo perché sono il risultato del nostro costante impegno nella ricerca e nello sviluppo di tecnologie sempre più innovative.

Per tutti questi motivi affidati ai Ricambi Originali:

i soli appositamente progettati da Fiat Professional per il tuo veicolo.

PERCHÉ SCELGERE RICAMBI ORIGINALI

Noi che abbiamo ideato, progettato e costruito il tuo veicolo, lo conosciamo davvero in ogni singolo dettaglio e componente. Nelle officine autorizzate Fiat Professional Service trovi tecnici formati direttamente da noi che ti offrono qualità e professionalità in tutti gli interventi di manutenzione. Le officine Fiat Professional sono sempre al tuo fianco per la manutenzione periodica, i controlli di stagione e per i consigli pratici dei nostri esperti. Con i Ricambi Originali Fiat Professional, mantieni nel tempo le caratteristiche di affidabilità, comfort e performance per cui hai scelto il tuo nuovo veicolo.

Chiedi sempre i Ricambi Originali dei componenti che utilizziamo per costruire le nostre auto e che ti raccomandiamo perché sono il risultato del nostro costante impegno nella ricerca e nello sviluppo di tecnologie sempre più innovative.

Per tutti questi motivi affidati ai Ricambi Originali:

i soli appositamente progettati da Fiat Professional per il tuo veicolo.
SEATS

FRONT SEATS WITH MANUAL ADJUSTMENT

1) “Sparco” Carbonshell Sport seats (where provided)

Longitudinal adjustment
Lift lever 1 fig. 1 and push the seat forwards or backwards.

Backrest angle adjustment
Pull lever 3 fig. 1 and accompany the backrest with the movement of your torso (operate the lever until the desired position is reached, then release it).

REAR SEATS

3) The rear seats allow two passengers.

Height adjustment (electric)
Move button 2 upwards or downwards to obtain the required height.

IMPORTANT
Carry out the adjustment while sitting on the seat involved (driver side or passenger side).

WARNING

1) All adjustments must be made with the car stationary.
2) After releasing the adjustment lever, always check that the seat is locked on the guides by trying to move it back and forth. If the seat is not locked in place, it may unexpectedly slide and cause the driver to lose control of the car.
3) Always make sure that everyone on board is seated and wearing their seat belts correctly.

IMPORTANT

1) The fabric upholstery of the seats has been designed to withstand long-term wear deriving from normal use of the car. Some precautions are however required. Avoid prolonged and/or excessive rubbing against clothing accessories such as metal buckles and Velcro strips which, by applying a high pressure on the fabric in a small area, could cause it to break, thereby damaging the upholstery.

This Supplement integrates the Alfa Giulia Owner Handbook to which it is attached and contains information on the Quadrifoglio version. For anything not included, refer to the Owner Handbook.
BONNET

CLOSING

4) 5)
As it is extremely light, to close the bonnet, lower it to approximately 40 centimetres from the engine compartment then apply a slight pressure. Make sure that the bonnet is completely closed and not only fastened by the locking device by trying to open it. If it is not perfectly closed, do not try to press the bonnet down but open it and repeat the procedure.

IMPORTANT Always check that the bonnet is closed correctly to prevent it from opening while the vehicle is travelling. Since the bonnet is equipped with a double locking system, one for each side, you must check that it is closed on both its side ends.

WARNING

4) Perform these operations only when the car is stationary.
5) For safety reasons, the bonnet must always be properly closed while the car is travelling. Therefore, make sure that the bonnet is properly closed and that the lock is engaged. If you discover that the bonnet is not perfectly closed during travel, stop immediately and close the bonnet in the correct manner.

ACTIVE AERODYNAMICS

FRONT MOBILE SPOILER (Alfa Active Aero)

This is an automatic device adjusted according to speed, which allows higher reactivity at average speeds and greater stability at fast speeds by adjusting the air flow into the lower part of the car. The system is not active in temperatures near or below zero, or when the “Alfa DNA™ Pro” selector is in the "Normal" or "Advanced Efficiency" positions.

In case of a fault, the generic failure icon will light up on the instrument panel display along with a message which identifies the type of malfunction.
**CONTROL PANEL AND ON-BOARD INSTRUMENTS**

**TFT DISPLAY**

1. Tachometer  
2. Digital engine oil temperature gauge with overheating warning light  
3. TFT Display  
4. Digital fuel level gauge (the triangle on the left side of the symbol indicates the side of the car with the fuel filler)  
5. Speedometer.

Apart from the instrument panel display size, there may be small differences according to the version or the end market destination of the car.
**SBA (Seat Belt Alert) SYSTEM**

**REAR SEAT BELT ICON BEHAVIOUR**
(where provided)

The icons are shown on the display (fig. 5) after a few seconds have elapsed since the ignition device is turned to ON and disappear after approximately 30 seconds.

After a door closes, or following a change in belt fastening status, the icons are shown again for approximately 30 seconds before disappearing.

The icons shown on the display indicate:
1. rear left seat belt;
2. rear right seat belt.

Wear the rear seat belts as shown in fig. 6 and fig. 7.

**“Alfa DNA™ Pro” SYSTEM**

**“Alfa DNA™ Pro” SYSTEM (Car dynamic control system)**

Using the selector (on the central tunnel) fig. 8, this device allows to select different car response modes according to driving style and road conditions:

- d = Dynamic (sports driving mode)
- n = Normal (mode for driving in normal conditions)
- a = Advanced Efficiency (ECO driving mode for maximum fuel savings).
- RACE = (track race driving mode).
- \( \mathcal{R} \) = changes the suspension calibration (where provided).
Unlike the other ones, the RACE position is unstable, therefore, by rotating the selector to RACE, it will return to its initial position "d". The RACE symbol lights up in red on the selector, when the mode is active. On the instrument panel display, the different modes are characterised by different colours:
- Normal - Blue
- Dynamic - Red
- RACE - Yellow
- Advanced Efficiency - Green

**“RACE” MODE**

**Engagement/disengagement**
It is activated by rotating the selector to position "RACE", the displays light up in yellow.

IMPORTANT this mode should be activated on race tracks.

To deactivate the RACE mode, take the selector to position "RACE" again and the system will be set to "d" mode.

**ALFA ACTIVE SUSPENSION (AAS)**

The vehicle's electronic suspensions management system is the result of a sophisticated elaboration of the various board sensors, aimed at optimizing the vehicle's performance.

The system continuously monitors the damping of the suspensions through the actuator installed on each shock absorber. In this way, the shock absorbers can be adjusted to the conditions of the road surface and to the dynamic conditions of the vehicle, improving its comfort and road holding.

The driver can choose between two calibration types even while driving (in "d" or "RACE" mode only):
- a sportier setting or a more comfortable one.

By pressing the button, the system prepares to work with a shock absorber calibration which favours driving comfort.

In the case of a system failure, the symbol appears on the instrument panel display together with a dedicated message.
JUMP STARTING

REMOTE BATTERY CONNECTION POLES

To facilitate operation, the remote poles of the battery for the jump starting can be found in the engine compartment: the battery itself is installed in the boot. The negative terminal (−) fig. 10 is positioned next to the right bonnet lock.

The positive terminal (+) can be reached by lifting the protective flap fig. 11 and is shown in fig. 12.

To carry out the operation, you need to have the correct cables to connect the auxiliary battery to the remote poles of the flat battery. Usually, these cables have terminals at the ends and are identified by different sheath colours (red = positive, black = negative).
SCHEDULED SERVICING PROGRAMME (2.9 V6 engine)

The checks listed in the Scheduled Service Plan, after reaching 90,000 mi (150,000 km)/10 years, must be cyclically repeated starting from the first interval, thus following the same intervals as before.

<table>
<thead>
<tr>
<th>Thousands of miles</th>
<th>9</th>
<th>18</th>
<th>27</th>
<th>36</th>
<th>45</th>
<th>54</th>
<th>63</th>
<th>72</th>
<th>81</th>
<th>90</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thousands of kilometres</td>
<td>15</td>
<td>30</td>
<td>45</td>
<td>60</td>
<td>75</td>
<td>90</td>
<td>105</td>
<td>120</td>
<td>135</td>
<td>150</td>
</tr>
<tr>
<td>Years</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
</tr>
</tbody>
</table>

- Check battery charge status with the proper instrument
- Check tyre condition/wear and adjust pressure, if necessary.
- Check quick tyre repair kit recharge conditions/expiry date (if provided)
- Check operation of lighting system (headlights, direction indicators, hazard warning lights, boot, passenger compartment, glove compartment, instrument panel warning lights, etc.)
- Check and, if necessary, top up fluid levels (1)
- Check exhaust emissions/smokiness
- Check the supply/engine control and emissions systems operation using the diagnosis equipment
- Visually inspect conditions of: exterior bodywork, underbody protection, pipes and hoses (exhaust, fuel system, brakes), rubber elements (gaiters, sleeves, bushes, etc.)
- Check windscreen wiper blade position/wear

(1) Always only use the liquids shown in the handbook for topping up after having checked that the system is not damaged.
| Thousands of miles | 9  | 18  | 27  | 36  | 45  | 54  | 63  | 72  | 81  | 90  |
| Thousands of kilometres | 15 | 30  | 45  | 60  | 75  | 90  | 105 | 120 | 135 | 150 |
| Years | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10  |
| Check operation of windscreen washer system and adjust jets if necessary | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
| Check cleanliness of bonnet and luggage compartment locks, cleanliness and lubrication of linkage | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
| Visually inspect conditions and wear of front disc brake pads and operation of pad wear indicators | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
| Visually inspect conditions and wear of rear disc brake pads and operation of pad wear indicators | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
| Visually inspect the condition and tensioning of the accessory drive belt(s) | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
| Change engine oil and replace oil filter | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
| Spark plug replacement |  |  |  |  |  |  |  |  |  |  |
| Replace accessory drive belt(s) |  |  |  |  |  |  | (2) |  |  |  |
| Replace air cleaner cartridge (3) | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
| Change the brake fluid |  |  |  |  |  |  | (4) |  |  |  |
| Replace supplementary fuel filter (where present) | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |
| Replace passenger compartment cleaner (3) | 0  | ●  | 0  | ●  | 0  | ●  | 0  | ●  | 0  | ●  |

(2) Areas that are not dusty: advised maximum distance 36,000 mi (60,000 km). The belt must be replaced every 4 years, regardless of distance travelled.

Dusty areas and/or heavy conditions (cold climates, urban driving, long periods of idling): the recommended maximum distance is 18,000 mi (30,000 km). The belt must be replaced every 2 years, regardless of distance travelled.

(3) If the car is used in dusty areas, this cleaner must be replaced every 9,000 mi (15,000 km).

(4) The brake fluid replacement has to be done every two years, irrespective of the mileage.
Thousands of miles | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90
---|---|---|---|---|---|---|---|---|---|---
Thousands of kilometres | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150
---|---|---|---|---|---|---|---|---|---|---
Years | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10
---|---|---|---|---|---|---|---|---|---|---

FOR VEHICLES EQUIPPED WITH CARBON CERAMIC BRAKE DISCS

- Brake disc wear status check with diagnostic tool
- Visually inspect the brake discs surface and edge
- Brake pads/brake discs replacement

(5) The actual interval for changing the brake pads and the carbon ceramic brake discs depends on the vehicle usage conditions and is signalled by the warning light or message on the instrument panel. It is advisable to check the weight and thickness of the brake discs after any intensive use.

(o) Recommended operations
(●) Mandatory operations
ENGINE COMPARTMENT

CHECKING LEVELS

2.9 V6 engine, fig. 13

5. Windscreen/headlights washer fluid reservoir plug  6. Intercooler coolant reservoir plug

fig. 13
The engine oil level can be seen on the instrument panel display every time the engine is started, or on the Connect system display by activating on the main menu (MENU button) the following functions in sequence: “Apps”, “My Car” and “Oil Level”. Check on the display using the 6 notches that the oil level is between MIN and MAX level: 1 notch MIN level, 6 notches MAX level.

If the oil level indication reaches the first red mark, add oil through the filler 2, considering that each notch shown on the display corresponds to approximately 8.8 fl oz (UK) (250 ml).

The oil level can also be checked manually. IMPORTANT Make sure not to add too much engine oil when topping up. Engine oil in excess may damage the engine. Have the car checked. Never exceed the MAX level when topping up engine oil. It is advisable to check the oil level in intermediate steps using the oil dipstick.

IMPORTANT The oil level is not refreshed immediately on the display after topping up. Consequently, wait for the oil level to be refreshed on the display following to procedure shown below.

Manual oil level checking procedure
Check that the oil level is between the MIN and MAX marks on the dipstick 1 with the car on level ground. Take out the engine oil dipstick 1, clean it with a lint-free cloth and reinsert it. Extract the dipstick again and check that the level is between the MIN and MAX marks on it.

Top-up and oil level indication update on display
If a top-up is needed, in order to ensure the correct indication of the oil level on the display, leave the car on flat ground with the engine running for approximately 5 minutes (temperature higher than 80°C) and proceed as shown below:

- Wait for 5 minutes, turn the ignition switch to ON without starting the engine and wait for a few seconds.
- If the indication is not correct after the procedure, contact an Alfa Romeo Dealership.

Engine oil consumption
The maximum engine oil consumption is usually 0.88 pounds (400 grams) every 620 miles (1,000 km). When the car is new, the engine needs to be run in; therefore the engine oil consumption can only be considered stabilised after the first 3,100 - 3,730 miles (5,000 - 6,000 km).

**WARNING**

6) Never smoke while working in the engine compartment: gas and inflammable vapours may be present, with the risk of fire.

7) Be very careful when working in the engine compartment when the engine is hot: you may get burned. Do not get too close to the radiator cooling fan: the electric fan may start; danger of injury.

8) If the engine oil is being topped up, wait for the engine to cool down before loosening the filler cap, particularly for vehicles with aluminium cap (where provided).

**WARNING**: risk of burns!
**WHEELS AND TYRES**

**SNOW CHAINS**
It is possible to put chains on the rear 265/35R19 tyre (winter tyre size). Avoid using traditional chains as they can damage the braking system if not installed correctly, thereby compromising the car's safety.

We strongly advise using zero-clearance chains and to use equipment proposed by the Dedicated Alfa Romeo Dealership.

**SUGGESTIONS ABOUT THE ROTATION OF THE TYRES**

**IMPORTANT** The car comes with tyres that are different for the two axles, so they cannot be rotated in any way.

In the case of irregular tyre wear, identify the cause and correct it as soon as possible, by contacting a Dedicated Alfa Romeo Dealership.

**WARNING**

9) The road holding qualities of the car also depend on the correct inflation pressure of the tyres.

10) If tyre pressure is too low, it may overheat and be severely damaged as a result.

11) Never submit alloy rims to repainting treatments requiring the use of temperatures exceeding 150°C. The mechanical properties of the wheels could be impaired.

**IMPORTANT**

2) Be careful not to confuse the various types of fluids while topping up: they are not compatible with one another! Topping up with an unsuitable fluid could severely damage your vehicle.

3) The oil level must never exceed the MAX reference.

4) If the MAX mark is exceeded MAX (last notch on the right turns red) after the top-up, go to an Alfa Romeo Dealership as soon as possible to have the oil in excess removed.

5) Do not add oil with specifications different from those of the oil already in the engine.

1) Used engine oil and oil filters contain substances which are harmful to the environment. To change the oil and filters, we advise you to contact a Dedicated Alfa Romeo Dealership.
## 2.9 V6 Engine

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cycle</td>
<td>Otto</td>
</tr>
<tr>
<td>Number and position of cylinders</td>
<td>6aV</td>
</tr>
<tr>
<td>Piston bore and stroke (mm)</td>
<td>86.5 × 82</td>
</tr>
<tr>
<td>Total displacement (cm³)</td>
<td>2891</td>
</tr>
<tr>
<td>Compression ratio</td>
<td>9.3:1</td>
</tr>
<tr>
<td>Maximum power (ECE) (kW)</td>
<td>375</td>
</tr>
<tr>
<td>Maximum power (ECE) (HP)</td>
<td>510</td>
</tr>
<tr>
<td>Corresponding engine speed (rpm)</td>
<td>6500</td>
</tr>
<tr>
<td>Maximum torque (ECE) (Nm)</td>
<td>600</td>
</tr>
<tr>
<td>Maximum torque (ECE) (kgm)</td>
<td>61</td>
</tr>
<tr>
<td>Corresponding engine speed (rpm)</td>
<td>2500</td>
</tr>
<tr>
<td>Fuel</td>
<td>Unleaded petrol 95 R.O.N. (EN 228 specifications)*</td>
</tr>
</tbody>
</table>

*To comply with all emission limits while simultaneously guaranteeing minimal consumption and maximum performance, use premium-quality unleaded petrol with an octane rating (RON) of 98 or higher.
RIMS AND TYRES

RIMS AND TYRES PROVIDED

<table>
<thead>
<tr>
<th>2.9 V6 Engine</th>
<th>Wheels</th>
<th>Tyres</th>
<th>Snow tyres</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FRONT 19x8.5J</td>
<td>FRONT 245/35 ZR19 (93Y) XL</td>
<td>FRONT 245/35 R19 93V XL</td>
</tr>
<tr>
<td></td>
<td>REAR 19x10J</td>
<td>REAR 285/30 ZR19 (98Y) XL</td>
<td>REAR 285/30 R19 98V XL</td>
</tr>
</tbody>
</table>

COLD TYRE INFLATION PRESSURE

When the tires are warm, the inflation pressure should be + 0.3 bar (4.4 psi) in relation to the recommended figure. However, recheck that the value is correct with the tyre cold.

If it is necessary to raise the vehicle, refer to the "Raising the vehicle" paragraph in the "In an emergency" chapter.

<table>
<thead>
<tr>
<th>2.9 V6 Engine</th>
<th>Tyres</th>
<th>Unladen/medium load</th>
<th>Full load</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Front 2.4 bar (34.8 psi)</td>
<td>Rear —</td>
</tr>
<tr>
<td></td>
<td>245/35 R19</td>
<td>—</td>
<td>2.9 bar (42.2 psi)</td>
</tr>
<tr>
<td></td>
<td>285/30 R19</td>
<td>—</td>
<td>2.9 bar (42.2 psi)</td>
</tr>
<tr>
<td></td>
<td>265/35 R19</td>
<td>—</td>
<td>2.9 bar (42.2 psi)</td>
</tr>
</tbody>
</table>

The indicated pressures are suitable for all types of tyres (summer and winter)

SNOW CHAINS

It is possible to put chains on the rear 265/35R19 tyre (winter tyre size). Avoid using traditional chains as they can damage the braking system if not installed correctly, thereby compromising the car’s safety. We strongly advise using zero-clearance chains and to use equipment proposed by the Dedicated Alfa Romeo Dealership.

WARNING

If winter tyres with a lower speed rating than that indicated in the Registration Document are used, do not exceed the maximum speed corresponding to the speed rating of the tyres used.
Dimensions are expressed in inches/millimeters and refer to the vehicle equipped with its standard-supplied tyres. Height is measured with vehicle unladen, fig. 14.

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
</tr>
</thead>
<tbody>
<tr>
<td>31.3/795</td>
<td>111/2,820</td>
<td>40.3/1,024</td>
<td>182.6/4,639</td>
<td>56.1/1,426</td>
<td>61.2/1,555</td>
<td>63.3/1,607</td>
<td>79.7/2,024</td>
<td>73.7/1,873</td>
</tr>
</tbody>
</table>
## WEIGHTS

<table>
<thead>
<tr>
<th>Weights (lb/kg)</th>
<th>2.9 V6 Engine</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Manual transmission</td>
</tr>
<tr>
<td>Unladen weight (with all fluids, fuel tank filled to 90 % and without optional equipment)</td>
<td>3,483 lb (1,580 kg)</td>
</tr>
<tr>
<td>Payload including the driver (*)</td>
<td>1,146 lb (520 kg)</td>
</tr>
<tr>
<td>Maximum permitted loads (**)</td>
<td></td>
</tr>
<tr>
<td>– front axle</td>
<td>2,161 lb (980 kg)</td>
</tr>
<tr>
<td>– rear axle</td>
<td>2,624 lb (1,190 kg)</td>
</tr>
<tr>
<td>– total</td>
<td>4,630 lb (2,100 kg)</td>
</tr>
<tr>
<td>Towable loads</td>
<td>/</td>
</tr>
</tbody>
</table>

(* If special equipment is fitted (trailer towing equipment, etc.) the empty weight will increase and consequently the payload will decrease in relation to the maximum permitted loads.

(**) Loads not to be exceeded. The user is responsible for arranging goods in the luggage compartment and/or load platform within the maximum permitted loads.
### REFUELLING

<table>
<thead>
<tr>
<th>Component</th>
<th>2.9 V6 Engine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel tank (UK gal / litres)</td>
<td>12.76 UK gal (58 lt)</td>
</tr>
<tr>
<td>including a reserve of (UK gal / litres)</td>
<td>1.98 UK gal (9 lt)</td>
</tr>
<tr>
<td>Engine cooling system (UK gal / litres)</td>
<td>2.46 UK gal (11.2 lt)</td>
</tr>
<tr>
<td>Intercooler cooling system (UK gal / litres)</td>
<td>1.21 UK gal (5.5 lt)</td>
</tr>
<tr>
<td>Engine sump and filter (UK gal / litres)</td>
<td>1.54 UK gal (7 lt)</td>
</tr>
<tr>
<td>Hydraulic brake circuit (UK gal / litres)</td>
<td>0.20 UK gal (0.9 lt)</td>
</tr>
<tr>
<td>Windscreen washer fluid reservoir (UK gal / litres)</td>
<td>0.92 UK gal (4.2 lt)</td>
</tr>
<tr>
<td>Manual transmission ZF S6-53 (UK gal / litres)</td>
<td>0.40 UK gal (1.8 lt)</td>
</tr>
<tr>
<td>Automatic transmission ZF 8HP75 (UK gal / litres)</td>
<td>2 UK gal (9.11 lt)</td>
</tr>
<tr>
<td>Differentials and reduction gears RDU 230-TV (UK gal / litres)</td>
<td>Main body: 0.18 UK gal (0.8 lt)</td>
</tr>
<tr>
<td></td>
<td>Left TV: 0.11 UK gal (0.5 lt)</td>
</tr>
<tr>
<td></td>
<td>Right TV: 0.13 UK gal (0.6 lt)</td>
</tr>
</tbody>
</table>
FLUIDS AND LUBRICANTS

Your vehicle is equipped with an engine oil that has been thoroughly developed and tested in order to meet the requirements of the Scheduled Servicing Plan. Constant use of the prescribed lubricants guarantees the fuel consumption and emission specifications. Lubricant quality is crucial for engine operation and duration.

PRODUCT SPECIFICATIONS

ENGINE LUBRICATION

<table>
<thead>
<tr>
<th>Use</th>
<th>Features</th>
<th>Specification</th>
<th>Original fluids and lubricants</th>
<th>Replacement interval</th>
</tr>
</thead>
</table>

If lubricants conforming to the specific requirement are not available, products that meet the indicated specifications can be used to top up; in this case optimal engine performance is not guaranteed.

<table>
<thead>
<tr>
<th>Use</th>
<th>Features</th>
<th>Specification</th>
<th>Original fluids and lubricants</th>
<th>Replacement interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lubricants and greases for drive transmission</td>
<td>ATF Synthetic lubricant</td>
<td>9.55550-AV5</td>
<td>TUTELA TRANSMISSION AS8 Contractual Technical Reference No.F139.I11</td>
<td>Automatic transmission ZF 8HP75</td>
</tr>
</tbody>
</table>

IMPORTANT

6) The use of products with specifications other than those indicated above could cause damage to the engine not covered by the warranty.
**PERFORMANCE**

Top performance achievable after the initial period of car usage.

<table>
<thead>
<tr>
<th>2.9 V6 Engine</th>
<th>Maximum speed mph (km/h)</th>
<th>Acceleration from 0-60 mph (0-100 km/h) sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>191 mph (307 km/h)</td>
<td>3.9</td>
</tr>
</tbody>
</table>
FUEL CONSUMPTION

The fuel consumption figures given in the table below are determined on the basis of the type-approval tests laid down by specific European Directives.

IMPORTANT The type of route, traffic conditions, weather conditions, driving style, general condition of the car, trim level/equipment/accessories, use of the climate control system, car load, presence of roof racks and other situations that adversely affect the aerodynamics or wind resistance lead to different fuel consumption values than those measured.

IMPORTANT The fuel consumption will get more regular only after having driven the first 1,850 mi (3000 km).

FUEL CONSUMPTION ACCORDING TO THE CURRENT EUROPEAN DIRECTIVE (UK gal/62 mi - litres/100 km)

<table>
<thead>
<tr>
<th>2.9 V6 Engine</th>
<th>Urban</th>
<th>Extra-urban</th>
<th>Combined</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manual transmission</td>
<td>2.82 UK gal (12.8 lt)</td>
<td>1.32 UK gal (6.0 lt)</td>
<td>1.87 UK gal (8.5 lt)</td>
</tr>
<tr>
<td>Automatic transmission</td>
<td>2.73 UK gal (12.4 lt)</td>
<td>1.25 UK gal (5.7 lt)</td>
<td>1.80 UK gal (8.2 lt)</td>
</tr>
</tbody>
</table>
**CO₂ EMISSIONS**

The CO₂ emission levels given in the following table refer to combined consumption.

<table>
<thead>
<tr>
<th>2.9 V6 Engine</th>
<th>CO₂ EMISSIONS ACCORDING TO CURRENT EUROPEAN DIRECTIVE (g/km)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manual transmission</td>
<td>198</td>
</tr>
<tr>
<td>Automatic transmission</td>
<td>189</td>
</tr>
</tbody>
</table>
QUADRIFOGLIO VERSION - ADVICE FOR USE

PERFORMANCE

The Alfa Giulia Quadrifoglio is equipped with an engine capable of delivering exceptionally fast acceleration and speed:
- Peak power 510 HP at 6500 rpm.
- Peak torque 61 kgm at 2500 rpm.
- Top speed: 191 mph (307 km/h)
- Acceleration from 0 to 60 mph (100 km/h): 3.9 seconds

For safe driving, it is essential, particularly during the first days of use, to get to know the car by driving carefully and gradually discovering its performance.

BRAKES

The car braking system may optionally fit four carbon-ceramic material brake discs, one on each wheel. In order to guarantee the maximum braking capacity for the first use, Alfa Romeo performs a "run-in" procedure for discs and pads directly at the factory. The use of carbon-ceramic material brake discs guarantees braking features (better deceleration/pedal load ratio, braking distances, fading resistance) proportional to the dynamic features of the car in addition to considerably decreasing the unsprung component weight.

The materials used and the structural features of the system could generate anomalous noises which have absolutely no adverse effect on correct operation and reliability of the braking system. Greater pressure may need to be applied to the brake pedal the first time to keep the same braking capacities in presence of condensation or salt on the braking surfaces, for example after washing or if the car is not used for a long time.

IMPORTANT Given the high technological level of this system, any servicing on it must be performed by a Dedicated Alfa Romeo Dealership with the exclusive skills needed for the repair operations.

IMPORTANT In case of intensive, high-performance use of the car, have the condition of the carbon-ceramic material braking system inspected at a Dedicated Alfa Romeo Dealership, as shown on the Scheduled Servicing Plan.

WARNING

13) After the car has been stopped for a long time in a very cold place (temperature below 0 °C), for the first five brakes, the carbon-ceramic braking system efficiency is not optimal, so you may need slightly more pressure on the brake pedal.
DRIVING ON RACE TRACKS

Before driving on a track using a racing style, it is necessary to:
- Attend a race track driving course.
- Check the liquid levels in the engine compartment. For more information, see the “Checking levels” paragraph in the “Servicing and care” chapter of the Owner Handbook.
- Have the car inspected at a Dedicated Alfa Romeo Dealership centre.

Remember that the car was not designed to be driven exclusive on the race track and that this use increases stress and component wear.

Preheating the carbon ceramic material brake discs

The brake discs must be warmed up to make them fully efficient. You are advised to perform the following procedure:

- brake nine times from 80 mph (130 km/h) to 18 mph (30 km/h) with deceleration equal to 0.7g (the longitudinal acceleration value is shown on the instrument panel display by setting RACE mode and selecting the “Performance” page) with 20 second intervals between brake applications; keep the car at a speed comprised between 36 mph (60 km/h) and 60 mph (100 km/h) and do not brake for 240 seconds to allow the brakes to cool down;

- then brake three times from 120 mph (200 km/h) to 18 mph (30 km/h) with deceleration equal to 1.1g (ABS operation) with 30 second intervals between brake applications; keep the car at a speed comprised between 36 mph (60 km/h) and 60 mph (100 km/h) and do not brake for 300 seconds to allow the brakes to cool down.
La meccanica delle emozioni