

Engine Data

Engine Data

| Engine | 2.5 litre | 3.0 litre | 4.2 litre | 2.7 litre diesel |
|-------------------|--|--|---|--|
| Type | V6, dual overhead camshafts, 4 valves per cylinder | V6, dual overhead camshafts, 4 valves per cylinder | V8, dual overhead camshafts, 4 valves per cylinder | V6, dual overhead camshafts, 4 valves per cylinder |
| Capacity | 2495 cm ³ (152 inch ³) | 2967 cm ³ (181 inch ³) | 4196 cm ³ (256 inch ³) | 2720 cm ³ (166 inch ³) |
| Bore | 81.6 mm (3.212 inch) | 89.0 mm (3.504 inch) | 86.0 mm (3.386 inch) | 81.0 mm (3.188 inch) |
| Stroke | 79.5 mm (3.130 inch) | 79.5 mm (3.130 inch) | 90.3 mm (3.555 inch) | 88.0 mm (3.464 inch) |
| Compression ratio | 10.5:1 | 10.5:1 | 11.0:1 (normally aspirated) 9.1:1 (super-charged) | 17.3:1 |

Dimensions

Dimensions

| | mm | inch |
|--|--------------|-------------|
| Overall length | 4905 | 193.1 |
| Overall width including mirrors | 2060 | 81.1 |
| Overall width without mirrors | 1819 | 71.6 |
| Overall height at gross vehicle weight (nominal) | 1447 | 57.0 |
| Wheelbase | 2909 | 114.5 |
| Turning circle (kerb to kerb) | 11.48 metres | 37.7 feet |

Track:

For the required information please consult your Jaguar Dealer/Authorised Repairer.

Weights

Weights (Average/Approximate)

| | Vehicles with V6 petrol engines | | Vehicles with V6 diesel engines | |
|--|------------------------------------|------|------------------------------------|------|
| | kg | lb | kg | lb |
| Kerb weight (no options fitted) | 1620 | 3572 | 1722 | 3796 |
| Front axle kerb weight | 835 | 1841 | 953 | 2101 |
| Rear axle kerb weight | 785 | 1731 | 769 | 1695 |
| Gross vehicle weight (G.V.W.) | 2180 | 4806 | 2255 | 4972 |
| Gross front axle weight | 1000 | 2205 | 1077 | 2375 |
| Gross rear axle weight | 1180 | 2601 | 1178 | 2597 |
| Gross combination weight (except V6 2.5 litre manual) | 4030 | 8885 | 4105 | 9052 |
| Gross combination weight (V6 2.5 litre manual only) | 3780 | 8335 | | |

| | Vehicles with V8 engines (normally aspirated) | | Vehicles with V8 engines (supercharged) | |
|---------------------------------|---|------|---|------|
| | kg | lb | kg | lb |
| Kerb weight (no options fitted) | 1735 | 3826 | 1800 | 3969 |
| Front axle kerb weight | 920 | 2029 | 965 | 2128 |
| Rear axle kerb weight | 815 | 1797 | 835 | 1841 |
| Gross vehicle weight (G.V.W.) | 2195 | 4839 | 2255 | 4972 |
| Gross front axle weight | 1030 | 2271 | 1077 | 2375 |
| Gross rear axle weight | 1165 | 2568 | 1178 | 2597 |
| Gross combination weight | 4045 | 8919 | 4105 | 9052 |

Note: Gross combination weight is the gross vehicle weight plus recommended trailer weight.

Load Weights

Roof-rack Capacity and Trailer Weights

| Roof-rack Weight | kg | lb |
|---|-----------|-----------|
| Roof-rack (Jaguar approved only) capacity including weight of rack | 75 | 165 |
| <i>Note: The roof-rack capacity shown above is included in the total vehicle carrying capacity, and the maximum permissible axle weights shown on the Vehicle Identification Plate must not be exceeded. In addition, the tyres must be inflated to the pressures given for speeds above 160 km/h (100 mph).</i> | | |
| Luggage Compartment Weight | | |
| Maximum permitted luggage compartment load with four passengers and driver | 60 | 132 |
| <i>Note: The maximum permitted luggage compartment load shown above can be exceeded provided that the requirements regarding the maximum permissible axle weights and tyre pressures are followed.</i> | | |
| Trailer Weights | | |
| Braked (petrol except V6 2.5 litre manual) | 1850 | 4070 |
| Braked (petrol V6 2.5 litre manual only) | 1600 | 3528 |
| Unbraked (petrol maximum recommended) | 750 | 1650 |
| Braked (diesel automatic) | 1850 | 4070 |
| Braked (diesel manual) | 1850 | 4070 |
| Unbraked (diesel maximum recommended) | 750 | 1650 |
| Trailer nose load | 75 | 165 |

Wheels and Tyres

Recommended Tyre Fitment

The following chart details the tyres recommended for use in the countries listed below:

- A.** Australia, Bahrain, Egypt, Israel, Jordan, Kuwait, Lebanon, Malaysia, Mexico, Morocco, Oman, Qatar, Saudi Arabia, South Africa, Syria, Thailand, United Arab Emirates.
- B.** Argentina, Belarus, Brazil, Bulgaria, Chile, Dominican Republic, Estonia, Guatemala, Indonesia, Kazakhstan, Panama, Philippines, Russia, Sri Lanka, Ukraine, Uzbekistan.

2.5 litre petrol

| Tyre size | Pattern | A | B |
|---------------|-----------------------|-----|-----|
| 235/50R17 96Y | Pirelli P6000 Powergy | yes | no |
| 235/50R17 96W | Pirelli P Zero | yes | yes |
| 245/40R18 97Y | Pirelli P Zero | yes | yes |

3.0 litre, 4.2 litre petrol and 2.7 litre diesel

| Tyre size | Pattern | A | B |
|---------------|-----------------------|-----|-----|
| 235/50R17 96Y | Pirelli P6000 Powergy | yes | no |
| 235/50R17 96W | Pirelli P Zero | no | yes |
| 245/40R18 97Y | Pirelli P Zero | yes | yes |

S-TYPE 'R' Wheels

| Wheel size | Tyre size/manufacturer | A | B |
|------------------------------|---|-----|-----|
| 8 x 18 ('R' model - front) | 245/40 ZR 18 Continental ContiSport Contact | yes | yes |
| 9.5 x 18 ('R' models - rear) | 275/35 ZR 18 Continental ContiSport Contact | yes | yes |

For all other countries refer to your local Jaguar Dealer/Authorised Repairer for specific tyre fitment.

Fuel Consumption

Fuel Consumption (UK market only)

| | Urban cycle | | Extra-urban cycle | | Combined | | |
|---------------------------------------|-------------|------|-------------------|------|----------|------|----------------------|
| | l/100 km | mpg | l/100 km | mpg | l/100 km | mpg | CO ₂ g/km |
| 2.5 litre V6 Manual | 13.3 | 21.2 | 7.3 | 38.7 | 9.5 | 29.6 | 229 |
| 2.5 litre V6 Auto | 14.5 | 19.4 | 7.9 | 35.8 | 10.3 | 27.4 | 249 |
| 3.0 litre V6 Manual | 14.7 | 19.2 | 7.7 | 36.7 | 10.3 | 27.4 | 249 |
| 3.0 litre V6 Auto | 15.3 | 18.5 | 8.0 | 35.1 | 10.7 | 26.4 | 259 |
| 4.2 litre V8 Auto, Normally aspirated | 17.1 | 16.5 | 8.2 | 34.2 | 11.5 | 24.5 | 274 |
| 4.2 litre V8 Auto, Super-charged | 18.5 | 15.3 | 9.2 | 30.5 | 12.5 | 22.5 | 314 |
| 2.7 litre V6 Auto, Diesel | 10.9 | 25.9 | 6.1 | 46.5 | 8.0 | 36.0 | 208 |
| 2.7 litre V6 Manual, Diesel | 9.7 | 29.2 | 5.7 | 49.7 | 7.1 | 40.0 | 189 |

Diesel engines only: Driver's should expect above normal fuel consumption when the engine is new and 'bedding-in'. After a period, the fuel consumption will gradually improve to expected fuel consumption levels.

Index

| | |
|--|--|
| <ul style="list-style-type: none"> Adaptive cruise control 113 Adjusting the time 80 Advanced restraints technology system (ARTS) 59 Air conditioning 165 Airbags <ul style="list-style-type: none"> occupancy sensing 65 Alarms and audible signals 43 Alloy wheels 220 Anti-lock braking system (ABS) 143 Audible warnings 101 Autolamps 120 <ul style="list-style-type: none"> windscreen wiper detection 120 Automatic climate control 162 Automatic transmission 140 <ul style="list-style-type: none"> gear selector positions 140 gearshift interlock 140 kickdown 141 limp-home mode 141 sport mode 141 Auxiliary fuel fired heater 160 Battery 209 <ul style="list-style-type: none"> charging 210 lead disconnection/reconnection 211 warnings 209 Booster seats 70 Brakes 143 Bulb renewal 179 <ul style="list-style-type: none"> dipped beam 180 front direction indicator 182 headlight 180 main beam 181 number plate light 182 parking (side) light 181 rear light assembly 183 side repeater 183 Car wash 219 Catalytic converters 155 | <ul style="list-style-type: none"> Checking and top up 203 <ul style="list-style-type: none"> brake/clutch fluid 207 coolant level 205 engine oil 203 power steering fluid 206 windscreen/headlight washer 208 Child safety 67 <ul style="list-style-type: none"> booster seats 70 choosing a child seat 70 fitting the child seat 70 infant safety 68 ISOFIX check list 74 ISOFIX seats 71 restraint check list 74 seating and positioning 69 summary of the law 68 top tether anchorages 73 Child safety locks 37 Climate control 159 <ul style="list-style-type: none"> air distribution 161 Clock adjustment 80 Cruise control 111 Cupholders 135 Diagnostic system 24 Diesel engines <ul style="list-style-type: none"> running out of fuel 155 Dimmer switch 122 Direction indicators 121 Door locks and handles 37 Door windows 84 Driving position 77 Driving position memory 88 Dynamic stability control 145 Earth points 221 Electrical accessories 221 Emergency starting 170 Engine oil 203 Environmental information 28 Exterior care 219 |
|--|--|

Index

| | | | |
|---|----------|--|--------|
| Exterior lighting | 119 | Inertia switch | 169 |
| autolamps | 120 | Instruments | 95 |
| daylight running lights | 120 | engine temperature | 95 |
| exit delay | 120 | fuel level gauge | 96 |
| fog lights | 121 | speedometer | 96 |
| hazard warning | 124 | tachometer | 96 |
| headlight levelling | 122 | Interior care | 218 |
| touring adjustment | 123 | Interior features | 134 |
| Fire extinguisher | 147, 194 | cigar lighter and ashtray | 135 |
| First aid kit | 147 | glove compartment | 136 |
| Floor mat retention | 25 | rear cupholders | 135 |
| Fog lights | 121 | sun visors | 135 |
| Folding rear seat | 91 | Interior lighting | 125 |
| Foreign travel | 147 | Interior lights | |
| Front seat heaters | 79 | battery saver | 125 |
| Fuel and refuelling | 151 | entry/exit | 125 |
| Fuel capacity | 152 | reading/map lights | 125 |
| Fuel cut-off switch | 169 | ISOFIX seats | 71 |
| Fuel requirements | | Jaguar parts and accessories | 23 |
| diesel engines | 154 | Keys | 34 |
| petrol engines | 153 | battery renewal | 36 |
| Fuel tank filling | 151 | key transmitter | 35 |
| Fuses | 184 | Leather care | 26 |
| fuse box locations | 185 | Lights | |
| Garage door opener | 46 | exterior lighting | 119 |
| Gear change | 140 | Locking wheel nuts | 173 |
| Gearshift interlock | 33 | Locks | 37 |
| General driving information | 146 | Luggage compartment | 42, 90 |
| downhill gradients | 146 | Maintenance | 197 |
| engine oil consumption | 146 | general precautions | 197 |
| running-in | 146 | hydraulic fluid | 197 |
| use of headlights in daylight | 146 | protect the environment | 197 |
| warming up | 146 | regular checks | 199 |
| General information | 23 | regular servicing | 197 |
| Global open/close | 39 | windscreen wipers | 213 |
| Hazard warning lights | 124 | Manual transmission | 142 |
| Headlight levelling | 122 | Memory setting | 88 |
| Headlight powerwash | 131 | Message centre | 102 |
| Health and safety | 29 | messages | 103 |
| Horn | 128 | | |
| Hydraulic fluid | 197 | | |
| Ignition switch | 33 | | |

Index

| | |
|---|-----|
| Mirrors | |
| door mirrors | 86 |
| heating | 86 |
| interior rear view mirror | 87 |
| power foldback | 86 |
| Mobile phones | 28 |
| Occupant protection | 55 |
| pregnant women | 58 |
| seat belt height adjustment | 55 |
| seat belts | 55 |
| Oil consumption | 146 |
| Oil level | 203 |
| Owner general information | 23 |
| Panic alarm | 45 |
| Parkbrake | 132 |
| Parking Assist | 126 |
| Pedal adjustment | 83 |
| Portable phones | 28 |
| Powerwash | 131 |
| Protect the environment | 28 |
| Rain sensitive wiper control | 130 |
| Rear impact protection | 64 |
| Rear seat back fold down | 91 |
| Rear sun blind | 136 |
| Recommended engine oil | 204 |
| Regular checks | 199 |
| Regular servicing | 24 |
| Reservoir and dipstick locations | |
| diesel | 202 |
| V6 | 200 |
| V8 | 201 |
| Roof-rack | 147 |
| Roof-rack | |
| capacity | 228 |
| Seat adjustment | 75 |
| Seat belts | 55 |
| beltminder | 98 |
| Seat heaters | 79 |
| Security | 34 |
| alarms and audible signals | 43 |
| battery-backed sounder | 44 |
| disarming the alarm | 38 |
| double-locking | 40 |
| drive-away door locking | 40 |
| global open/close | 39 |
| immobiliser | 34 |
| inclination sensing | 44 |
| intrusion sensing | 44 |
| locking and unlocking | 37 |
| panic alarm | 45 |
| Ski hatch | 92 |
| Snow chains | 217 |
| Spare wheel location | 172 |
| Speed control | 111 |
| Sport mode | 141 |
| Starting/stopping the vehicle | 137 |
| before starting | 137 |
| starting a diesel engine | 138 |
| starting a petrol engine | 137 |
| Steering column adjustment | 81 |
| Steering column lock | 33 |
| Sun blind | 136 |
| Sunroof | 129 |
| Touring | 147 |
| Towbar fixing points | 150 |
| Towing a caravan or trailer | 148 |
| Towing eye | 178 |
| Trailer weights | 228 |
| Transmission | 140 |
| Transporting | 177 |
| Trip computer | 108 |
| reset | 109 |
| Tyres | 214 |
| pressures | 214 |
| recommended fitment | 229 |
| renewal | 215 |
| repair | 215 |
| snow chains | 217 |
| temporary-use spare wheel | 217 |
| wear | 215 |
| winter/snow | 216 |

Index

| | |
|---|-----|
| Vehicle care | 218 |
| Vehicle data | 225 |
| dimensions | 226 |
| engine | 225 |
| recommended tyre fitment | 229 |
| roof load and trailer weights | 228 |
| weights | 227 |
| Vehicle identification | 25 |
| Vehicle recovery | 176 |
| VIN number | 25 |
| Warning lights | 97 |
| Warning triangle | 148 |
| Warnings, cautions and notes | 24 |
| Weights | 227 |
| Wheel changing | 174 |
| Wheel changing and jacking | 172 |
| Wheel/tyre data | 229 |
| Window operation | 84 |
| Window tinting | 27 |
| Windscreen wipers/washers | 130 |
| Winter driving | 147 |
| Winter/snow tyres | 216 |