



SUPER 3 OWNER'S HANDBOOK

#### WARNING

It is recommended that children are not transported in the vehicle.  
Advanced driver training may be required to drive this vehicle.

#### SWARNUNG

Es wird empfohlen, dass Kinder nicht im Fahrzeug befördert werden.  
Möglicherweise ist eine fortgeschrittene Fahrerschulung erforderlich, um dieses Fahrzeug zu fahren.

#### ATTENTION

Il est recommandé de ne pas transporter les enfants dans le véhicule.  
Une formation de conducteur avancée peut être nécessaire pour conduire ce véhicule.

#### AVVERTIMENTO

Si raccomanda che i bambini non vengano trasportati nel veicolo.  
Per guidare questo veicolo potrebbe essere necessario un addestramento avanzato del conducente.

#### ADVERTENCIA

Se recomienda que los niños no sean transportados en el vehículo.  
El entrenamiento avanzado del conductor puede ser requerido para conducir este vehículo.

#### 警告

建议儿童不要在车内运输。  
驾驶该车辆可能需要高级驾驶员培训。

#### ريڤت

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ڤرايسالڤي

The content contained within this handbook is correct at the time of publication,  
however due to the nature of Morgan motor vehicle production, some details may be subject to change.

Version 1.0 June 2022

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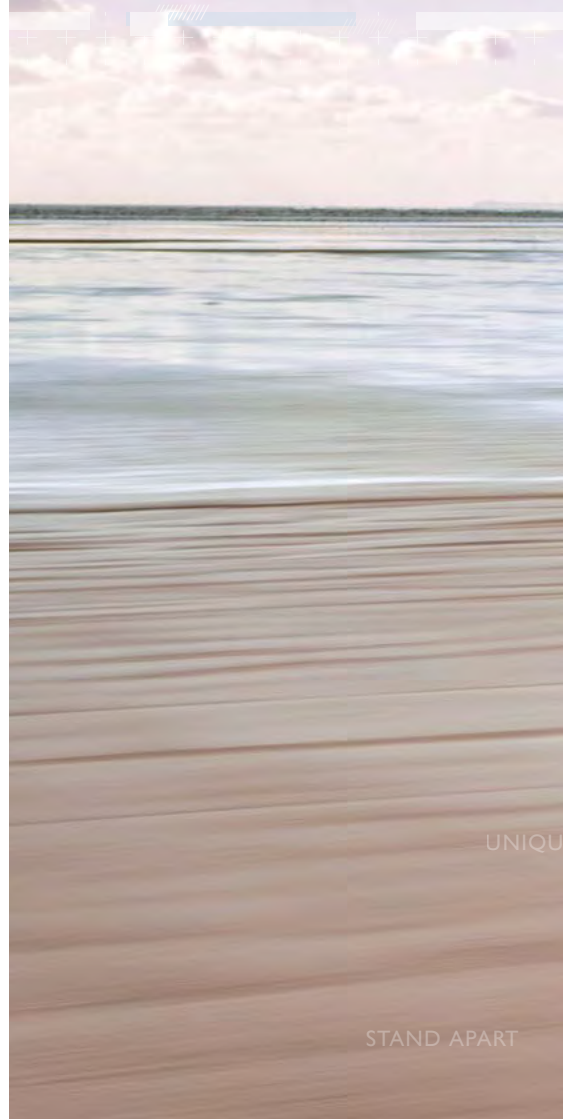
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UNIQUE

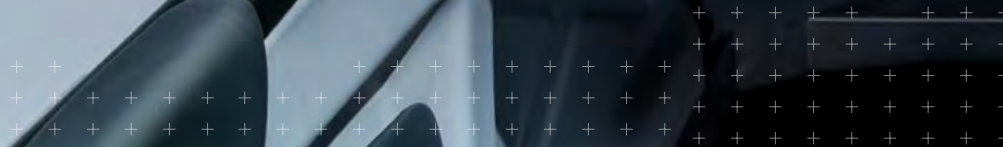
STAND APART



LIGHTWEIGHT

## INTRODUCTION

- ⑩ Super 3
- ⑬ Morgan Motor Company
- ⑭ Vehicle Identification
- ⑮ Technical Information







## Morgan Super 3

This handbook has been produced in order to give the owner a good understanding of how best to use and enjoy their Morgan Super 3. The owner and/or driver should read and understand the content of this handbook before using the car, and the handbook should then be kept in the vehicle for reference at any time. It should be passed on to new owners if the vehicle changes hands.

To get the full enjoyment of driving this vehicle, it is recommended that the owner undergoes advanced driver training. Contained within the handbook are important safety warnings and instructions. These warnings are to prevent any risk of injury being caused to you or others.

This book is intended to give an understanding of the operating procedures and general servicing instructions as well as technical information. This book is not intended to give comprehensive technical details and full servicing procedures.

To ensure maximum pleasure and performance, it is important to keep your Morgan well maintained and serviced at the correct intervals. It is the responsibility of the owner to ensure the vehicle is serviced at the correct periods. If any adjustment is required we request that you contact a Morgan dealer for advice before any work is carried out. Alterations from the standard specification are not recommended as this may affect the performance and safety of the vehicle and invalidate the warranty.

The most efficient way to find specific topics is to refer to the detailed index at the back of the handbook. Alternatively, please refer to the contents list at the start.









DIFFERENT

VENTURE

DRIVE

MOMENT

## Welcome to the World of Morgan

Your Super 3 is as individual as you are, and employs traditional handcrafted techniques, using only the highest quality materials. The Morgan Motor Company provides a fitting antidote to mass-produced automotive manufacturing, bringing with it an exceptional mix of traditional craftsmanship and appropriate modern technology.

Morgan cars are endearing and inspire a positive response from people all around the world. As a Morgan owner, you are part of a global community of like-minded, passionate owners.



# VEHICLE IDENTIFICATION

Morgan advises that the Vehicle Identification Number (VIN) is recorded in this section along with other records that may be useful when requesting or ordering replacement parts.

The VIN (Vehicle Identification Number) plate is positioned under the centre of the dashboard.

VIN:.....

Registration: .....

Body Colour: .....

Side Blade Colour: .....

Cowl Colour: .....

Trim Colour: .....

Warranty Start Date: .....

Supplying Morgan Dealer Information:

## Engine Information

Engine . . . . .	Ford Dragon 1.5L in-line three cylinder naturally aspirated
Cylinders . . . . .	3
Capacity . . . . .	1500cc
Bore (mm) . . . . .	84 mm
Stroke (mm) . . . . .	90 mm
Compression Ratio . . . . .	11:1
Firing Order . . . . .	1-2-3
Power Net (kW) . . . . .	118 bhp (88 kW) at 6500 rpm
Torque (Nm) . . . . .	111 ft.lbs (150 Nm) at 4500 rpm
Valve Operation . . . . .	Dual overhead cam with twin independent variable camshaft timing, wet belt driven
Valve Timing . . . . .	Variable valve timing system

## Fuel System

Type . . . . .	Electronic port fuel injection
Fuel Inlet Max Pressure . . . . .	0.7 Mpa 7 BAR
Fuel Type . . . . .	98 or 95 RON unleaded petrol
Ethanol Rating . . . . .	E10 and E5

## Ignition System

Type . . . . .	Digital electronic
Operation . . . . .	Coil on plug
Spark Plug . . . . .	Bosch HR8 Gap 1.2mm

## Cooling System

Type . . . . .	Engine driven water pump, two radiators, single electric cooling fan
Normal Operating Temp . . . . .	85 – 115°C

## Capacities

Fuel Tank (approx.) . . . . .	31.8 litres (8.4 US Gall.)
Engine Oil with New Filter . . . . .	4.5 litres (1 US Gall.)
Engine Oil without Filter . . . . .	4.4 litres (1 US Gall.)
Engine Coolant . . . . .	6 litres (1.6 US Gall.)

## Oil and Fluid Specifications

Engine Oil . . . . .	SAE 5W-20
Gearbox Oil . . . . .	SAE 75W-90. Fill to level plug (Approx 2 litres)
Engine Coolant Type . . . . .	Ford WSS-M97B44-D Antifreeze Super Plus Premium FU7J-19544-xx
Brake Fluid . . . . .	DOT 4
Bevel Box . . . . .	Morris Lubricants AG140 Classic gear oil. Fill to level plug (approx. 0.5 litres)

## Transmission

Gear Box . . . . .	Mazda 5-speed manual gearbox
Pulley Ratio . . . . .	34:76
Bevel Box . . . . .	90° conversion prop to belt. Ratio 19:37

## Gear Ratios

Gear . . . . .	Ratio	Gear . . . . .	Ratio
1 <sup>st</sup> . . . . .	3.14	4 <sup>th</sup> . . . . .	1.00
2 <sup>nd</sup> . . . . .	1.89	5 <sup>th</sup> . . . . .	0.81
3 <sup>rd</sup> . . . . .	1.33		

## Suspension

Front . . . . .	Double wishbone with pullrod actuated coilover
Rear . . . . .	Swing arm
Caster Front . . . . .	3°48'
Caster Rear . . . . .	N/A
Camber Front . . . . .	-1°30' +/-15'
Camber Rear . . . . .	N/A
Toe In Front . . . . .	+0° 15' +/- 0° 02
Toe In Rear . . . . .	N/A

## Brakes

Front . . . . .	2-piston aluminium fixed caliper, Ø290 x 12mm solid disc
Rear . . . . .	9 inch drum brake with integrated handbrake
Handbrake . . . . .	Cable operated, fly-off handbrake
Operation . . . . .	Hydraulic without ABS or servo assistance
Operating Fluid . . . . .	DOT 4

## Wheels and Tyres

Wheels, Front . . . . .	20x3.5 in
Wheel, Rear . . . . .	15x6 in
Wheels Torque Setting . . . . .	65 ft lbs (88Nm)

Standard Tyres, Front . . . . . Cooper Avon Speedmaster MKIII  
130/90 R20 71V

Tyre Pressure, Front . . . . . 44psi / 303 kPa

Standard Tyre, Rear . . . . . Cooper Avon AS7 185/55 R15

Tyre Pressure, Rear . . . . . 45psi / 310 kPa

## Monocoque

Wheelbase (fully loaded) . . . . .	2532mm (99.7 in)
Track Front . . . . .	1708mm (67.2 in)
Track Rear . . . . .	N/A
Ground Clearance . . . . .	100mm (3.94 in)
Turning Circle Diameter . . . . .	12.4m (40.7 ft)

## Overall Dimensions

Length . . . . .	3581mm (140.98 in)
Width . . . . .	1850mm (72.83 in)
Height . . . . .	1132mm (44.57 in)

## Technical Information

Vehicle in Running Order (Including fuel) . . . . .	635kg
Maximum Permissible Gross Weight . . . . .	900kg
Maximum Weight Per Axle (Front) . . . . .	468kg
Maximum Weight Per Axle (Rear) . . . . .	432kg

This vehicle is not designed for towing.

Carbon Dioxide Emissions and Fuel Consumption figures not available at the time of publication.

## Front Registration Plates

The Morgan Super 3 is not equipped with space for a front registration plate, according to EU44/2014 Annex XIV paragraph 1.3.1:

"Front registration plates are deemed unsuitable for vehicles of categories L1e, L2e, L3e, L4e, L5e, which shall therefore not be equipped with such spaces."

For vehicles being driven in other markets, please ensure you adhere to local rules and regulations.

## SAFETY AND SECURITY

- ①9 Safety Information
- ②1 Keys
- ②1 Engine Immobiliser

Throughout this handbook there are important **⚠ SAFETY WARNINGS** as well as safety warning labels located on the Morgan Super 3. These safety warnings are there to help you make informed decisions and reduce the risk of accidents causing possible injury or death to yourself or others. There are also **CAUTIONS** and **NOTICES** to assist you in making decisions to avoid damage to your Morgan Super 3 or other property.

### ⚠ Safe Use of Super 3

Your safety and enjoyment of your Super 3 is Morgan's priority, therefore it is highly recommended that you take time to familiarise yourself with the safe operation of your Morgan vehicle before driving it.

### ⚠ Misuse of Super 3

Your Morgan Super 3 is intended to be used in a safe manner, always obey the local laws and speed limits, never travelling faster than is appropriate for the road, weather and traffic conditions. Accidents may cause injury or death to both the occupants of the vehicle and/or other persons. Remember that using sensible judgement when driving this vehicle may prevent an accident from occurring.

### ⚠ Responsibilities of the Owner

As the owner of this vehicle, you are responsible for the safe and proper operation of this vehicle. Safe use is dependent upon the practice of safe driving technique as well as the expertise of the driver. It is highly recommended that every owner should:

- Obtain instructions from a competent source on all aspects of the operation of this vehicle.

- Understand that this vehicle is not fitted with airbags, anti-lock braking systems or electronic stability control systems.
- Observe the warnings and maintenance requirements within this manual.
- Obtain qualified training in safe and proper driving techniques, applicable to performance vehicles.
- Know your own limits and skill level. Driving safely within your own limits may help you to avoid an accident.
- Be aware that traction in wet/cold weather is reduced in a more extreme way with a Super 3. Take extra care when driving in bad conditions.

### ⚠ Important Safety Warnings

- ⚠ Always ensure that the vehicle is in a roadworthy condition. It is the responsibility of the driver to ensure that the vehicle is in a proper and roadworthy condition.
- ⚠ The driver and passenger must be seated correctly and should ensure that all safety restraints are used properly and are free from obstructions.
- ⚠ Check that tyres are in good condition with no excessive wear or damage.
- ⚠ Ensure fly screens and mirrors are clear and positioned correctly before driving.
- ⚠ Ensure that bonnet and tonneau cover, when fitted, are fastened/shut correctly.
- ⚠ Check all lights and signalling devices are operating correctly before use.
- ⚠ **ALWAYS WEAR A SEAT BELT.** Wearing a seat belt will dramatically reduce the risk of injury or death in the event of an accident. Always ensure that the driver and any passengers travelling in the vehicle always wear a seat belt.
- ⚠ Morgan highly recommends use of an approved helmet and that eye protection is worn at all times.

⚠ The Morgan Super 3 is classed as a motor tricycle and as such does not feature the same safety equipment apparent in most cars. Please ensure that any passenger is aware of this.

⚠ Wear suitable clothing in different weather conditions. Failure to do so will affect concentration levels and comfort. With minimal noise proofing you will be exposed to many sounds from engine and transmission. Ear plugs are recommended.

### Infant Passengers

⚠ **WARNING** Morgan Motor Company recommend that young people are not carried in a Morgan Super 3.







⚠ **WARNING** Morgan Motor Company recommends that young people who require additional safety restraints are not transported in a Morgan Super 3. Only carry people in a Morgan Super 3 who are able to use the seat belts as intended without modification or seating aid. Child booster seats are not recommended for use in the vehicle.

### Harmful Substances

⚠ Some components used in the manufacture of cars contain or emit chemicals known to increase the risk of cancer and birth defects as well as increasing the risk of reproductive harm.


Exhaust gases contain carbon monoxide (CO). This gas cannot be seen, has no odour and exposure to the gas can cause unconsciousness or death. Never park in a confined space with the engine running without adequate ventilation.

## Engine System


-  **DO NOT** touch or approach the engine bay when the engine is running.
-  **DO NOT** touch or approach any part of a hot exhaust system. Failure to comply with this may result in injury.
-  **DO NOT** tamper with the electrical system.
-  **DO NOT** use the vehicle if a fuel leak is suspected. Ensure that a Morgan engineer or service agent repairs the fault before starting or using the vehicle. Leaking fuel may cause fires or explosions.
-  If the engine malfunctions in any way, ECU warnings show on the LCD screen. Morgan recommends that the fault is diagnosed and repaired by a Morgan engineer before using the vehicle. Failure to react appropriately to any engine management faults may result in permanent damage to the engine. Continuing to drive the vehicle with an engine misfire could cause the catalytic converter to overheat, with possible heat damage to other vehicle components, and an engine bay fire.
-  **WARNING** The front of the vehicle, near the engine, can become very hot. Danger of serious personal injury if touched.

It is recommended that any work to be performed on a Morgan Super 3 should be undertaken by a Morgan service agent.


## Electrical Equipment

-  Morgan does not recommend installing any non-approved electronic systems that emit radio frequencies. Such items include electronic garage door activation and similar devices.

## Air Bags

-  **CAUTION** Morgan Super 3 is NOT FITTED with driver and passenger air bag systems.

## Inertia Switch

-  The safety inertia switch is designed to operate on impact, typified by vehicle collision, to switch off the fuel pump, and thus minimize any fire hazard.

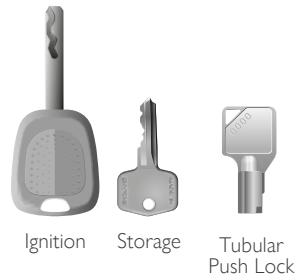
## Dyno Mode

The Morgan Super 3 features a Dyno mode to allow operation on a rolling road/dynamometer. This means that if the rear wheel is above 3km/h and the front wheels are at zero speed for 5 seconds, then the rear wheel speed is used for all speeds and mileage.

Dyno mode automatically resets if one of the front wheels show non zero speed for two seconds.

## Keys

The Morgan Super 3 may be supplied with two programmed keys for the vehicle ignition system. Contained within the ignition key is a chip used to disarm the engine immobilisation system. The Morgan Super 3 can only be started with a key containing the correct chip corresponding to the correct vehicle. If the optional lockable under-seat storage is specified, it will be supplied with two analogue keys. If an optional pair of side racks are specified, they will be supplied with two tubular push lock keys. If an optional phone mount or hard shell suitcase is specified, they will be each be supplied with one tubular push lock key.



## Engine Immobiliser

The Morgan Super 3 is fitted with an engine immobiliser. This means that the engine can only be started using the correct keys programmed to the vehicle.

**⚠ WARNING** Never leave the vehicle unattended and unlocked. *Do not* force the lock mechanism. If the key does not go into the lock or the lock will not operate, lubricate with light grade oil. If the problem persists, consult a Morgan engineer.

**⚠ WARNING** Due to the nature of your Morgan, it is easy for thieves to gain access to the inside of the vehicle. Do not leave items unattended in the vehicle as they may be easily stolen.

**⚠ WARNING** While the vehicle is fitted with an immobiliser, there is no alarm system supplied on the Morgan Super 3. Do not leave the vehicle unattended with the keys nearby.

## Vehicle Tracker (Optional)

It is recommended that only the Morgan approved tracker is used in this vehicle. Please speak to your supplying Morgan dealership for more information.






## COCKPIT

- ②3 Seating and Seat Belts
- ②4 Seat Protection
- ②4 Interior Storage
- ②5 Under Dashboard Functions
- ②6 Instruments and Switches
- ②9 Lights and Indicators
- ③0 Driver Information Panel
- ③2 Control Stalks
- ③4 Warning Icons
- ③5 Interior Equipment

## Seating, Driving and Pedal Positions

The seats are permanently fixed in position and secured to the monocoque. Adjustment is achieved solely by moving the pedal box assembly towards or away from the seat. For more information, please see 'Operating the Vehicle'.

-  **WARNING** The pedal box assembly must be adjusted to the correct position for the driver.
-  **WARNING** The pedal box assembly must be engaged and secured to prevent it moving whilst driving.
-  **WARNING** Do not adjust the pedal box assembly position whilst the vehicle is moving.

## Seat Belts

Seat belts should be worn at all times when in the vehicle. It is a requirement by law for seat belts to be worn when travelling in a vehicle. Local rules and restrictions associated with seat belts may apply. The seat belt units fitted to the Morgan Super 3 are inertia reel seat belts. The seat belts may lock automatically when the vehicle is subjected to extreme braking, acceleration, cornering and impact forces. The seat belt unit may also lock if the vehicle is tilted in any way. It is the driver's responsibility to ensure both the driver and passenger adhere to local laws.

When fastening the seat belt, sit in the seat erect and fully back. Hold the buckle tongue and draw the belt diagonally across the body and fasten into the buckle lock. Ensure the buckle is secured and correctly engaged; this will be apparent by a click sound when fastening the buckle tongue into the buckle lock. Ensure that the belt sits across the front of the pelvis and across the chest and shoulder. To release the belt, push the red button on the buckle. The belt will automatically retract.

**⚠ WARNING** Driver and passenger seat belts should always be worn properly. Wearing a seat belt incorrectly increases the chance of serious injury or death in a crash.

**⚠ WARNING** When the vehicle is in motion above 5km/h and weight is detected in the driver's seat, the vehicle will emit an audible warning and show a tell-tale warning symbol on the driver information panel unless the seat belt is fastened.

**⚠ WARNING** When fastening the seat belt, ensure that the belt is not twisted or entangled.

**⚠ WARNING** Seat belts are designed to bear upon the bone structure of the body and should be worn low across the front of the pelvis, chest and shoulder. Wearing the lap section of the belt across the abdominal area must be avoided.

**⚠ WARNING** Improperly positioning the seat belts can cause serious injury or death in a crash. Ensure the seat belts are correctly positioned before driving.

**⚠ WARNING** Seat belts should be worn by all persons regardless of the physical condition of the person. For example, pregnant women should always wear a seat belt.

**⚠ WARNING** The shoulder portion of the seat belt must never be worn beneath the arm or behind the back.

**⚠ WARNING** A child seat must never be used in a Morgan Super 3.

**⚠ WARNING** Each seat belt assembly is designed for use by one occupant of adult build, and it is not recommended that they are used by children.

**⚠ WARNING** Never use one seat belt around two people, or allow a child to be carried on a driver or passenger's lap.

**⚠ WARNING** No modifications or additions should be made to the seat belt assemblies.

**⚠ WARNING** The seat belt should be replaced if components are frayed, contaminated or damaged. Inspect regularly.

**⚠ WARNING** The seat belt system must be replaced if the vehicle has been involved in a severe impact, even if no damage to the assembly is visible. Seat belt anchorage points must also be checked.

**⚠ WARNING** Not checking or maintaining seat belts can result in serious injury or death if the seat belts do not work properly when needed. Check seat belts regularly and ensure that any problems are corrected immediately.

**⚠ WARNING** Seat belts should be adjusted as firmly as possible, consistent with comfort, to provide the protection for which they have been designed. A slack seat belt will greatly reduce the protection afforded to the wearer.

**⚠ CAUTION** When cleaning the seat belt assembly, care should be taken to avoid contamination or damage to the system.

**⚠ CAUTION** Do not use any substance that may contaminate or damage the webbing material. Never use bleach or dye, only clean with a mild detergent and ensure the system is completely dry before using the vehicle. Ensure the entire system is kept free of dirt contamination.

**⚠ WARNING** Do not disassemble the system for cleaning purposes.

### Seat Step Guard (Optional)

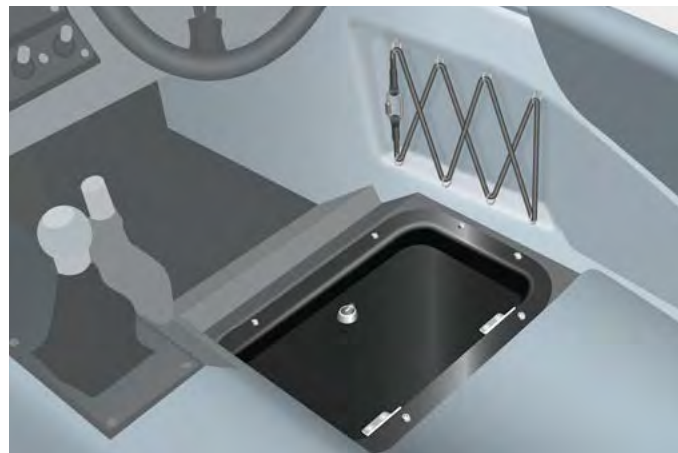
The Morgan Super 3 can be equipped with optional seat step guards. These are designed to give the occupants a pad to place their foot on when entering the vehicle, rather than stepping on the seat.

Place the step guard in the groove between the seat and the centre tunnel. Open the popper and lay one side down flat onto the seat, inside panel facing up. Place one foot on whilst getting situated in the seat and then remove once seated.



### Interior Storage

The Morgan Super 3 has multiple locations for interior storage. In the cockpit side impressions, there are optional elasticated cargo straps which can be used to hold items. Ensure items are secured to avoid movement during driving which may cause an accident. The front driver's seat pad lifts straight up to be removed which will reveal a storage area as standard. Alternatively, there is an optional lockable under-seat storage box instead which will be supplied with its own key(s).





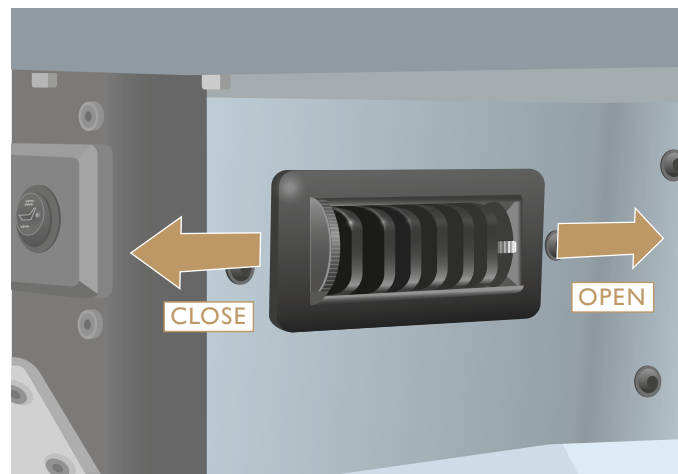
1. Heated Seat Switch
2. Dual USB Port
3. Heater Knob
4. Heated Seat Switch

## Heated Seat Switches <sup>(1,4)</sup> (Optional)

Situated on the far left and far right switches, each switch controls the temperature in the nearest seat. Pads in the base and back of the seat heat up when this button is switched on. The heated seats have two settings. Level 1 (medium heat) is indicated by a green LED, level 2 (maximum heat) is indicated by a red LED. The heated seats automatically switch off when the ignition is turned off.

## Dual USB Charger <sup>(2)</sup> (Optional)

USB charger features two fast charging ports rated at 2.4A each which can be used with compatible USB cables.



## Heater Control <sup>(3)</sup> (Optional)

Twist the heater knob clockwise to increase the fan speed of the heater, rotate the central knob anti-clockwise to decrease the fan speed. The heater fan has two speed settings. The fans are located on either side of the central tunnel in the footwell. The fans must be opened in order for the heating to work. Push the small upright tab on the vent panel towards the front of the vehicle to open the vents. Push the vents towards the rear of the vehicle to close.

## Central Dashboard - LHD



1. Speedometer

2. Tachometer

3. Horn

4. Hazard Warning Switch

5. Start Switch

6. Parking Lights

7. Rear Fog Lamp

## Central Dashboard - RHD



1. Tachometer

2. Speedometer

3. Rear Fog Lamp

4. Hazard Warning Switch

5. Start Switch

6. Parking Lights

7. Horn

## Speedometer (1 LHD, 2 RHD)

The speedometer indicates the road speed of the vehicle. The display is miles per hour (mph) and/or kilometres per hour (kph).

## Tachometer (2 LHD, 1 RHD)

The tachometer displays the engine speed in RPM  $\times$  1000. The tachometer display will begin to pulse red at high RPM.

**⚠ WARNING** The use of excessive RPM used when an engine is not at normal running temperature may cause premature wear or damage to the engine and failure of engine components.

## Horn Button (3 LHD, 7 RHD)

The horn switch is located in the dashboard, push the switch down to operate. It is a momentary switch that defaults to off.

## Hazard Warning Switch (4)

When the switch is pushed on all of the direction indicators on the vehicle will flash. The left and right indicator icons in the speedometer screen will flash. Hazard lights should be used in an emergency. In the case of an emergency, move the vehicle to a safe position and turn the hazard lights on.

## Start Switch (5)

Once ignition is activated the vehicle can be started. To start; lift the cover of the start button. Depress the button. If engine fails to fire after 6 seconds of holding release, wait for ten seconds and retry. Refrain from applying too much throttle whilst starting.

## Parking Lights (6)

When the parking lamps are turned on the sidelights will remain on when the ignition is turned off.

NOTE: Leaving the sidelights on for extended periods will drain the battery.

## Rear Fog Lamp (7 LHD, 3 RHD)

The rear fog lamp switch is located in the dashboard, push the switch down to operate. It is a momentary switch.

NOTE: The rear fog lamp is automatically turned off when the ignition is off.

NOTE: Do not use rear fog lamps in good weather conditions, use only when necessary.

## Indicators

The lights and indicators are operated from the left hand stalk behind the steering wheel.


To indicate left, push the stalk in a downward direction. To indicate right, lift the stalk in an upward direction. The indicators will cancel automatically after cornering.

The indicators can be cancelled manually by pushing the stalk in the same direction as indicating.

## Lights

The dipped headlamps are on whenever the ignition key is in the ignition position. The headlamps will automatically turn off when the ignition is switched off.

To toggle between dipped beam and high beam, push the stalk forward.  
To flash the headlamps, pull the stalk towards the driver.

 **WARNING** When the engine is not running, the lights will gradually discharge the battery. Do not leave them on for long periods of time; otherwise, the battery might not have enough power to start the engine.

## Footwell Lamp (Optional)

When the ignition is turned on, the footwell lamp will illuminate. Once the engine is started, the footwell lamp will fade off. When the ignition switch is turned off, the footwell lamp will illuminate and remain on for 60 seconds.



**⚠ WARNING** Operating the driver information panel menus during driving can cause distraction, resulting in loss of control of the vehicle, accident, serious injury or death to the occupants of the vehicle and others. Only operate the driver information menu if permissible in the traffic situation. Stop if necessary and operate the system with the vehicle at a standstill.

It is recommended that the various checks in the Driver Information menus are carried out before a journey. To activate the scrolling menus on the Driver Information Panel, ignition must be on. To toggle through the menus, press the button on the end of the stalk.

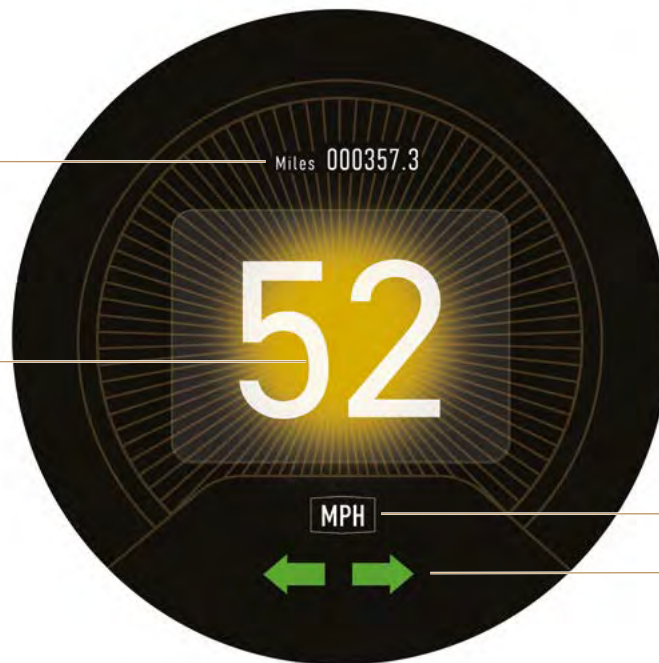
### Speedometer Screen

#### ODOMETER

The odometer records total distance that the vehicle has travelled (in miles or kilometres).

#### SPEEDOMETER

The speedometer indicates the road speed of the vehicle. The display is miles per hour (mph) and/or kilometres per hour (kph).



#### MPH OR KPH

Hold the stalk button to toggle between MPH and KPH. This will also toggle the odometer simultaneously.

#### INDICATOR ICONS

When operated, the indicator icons will flash on screen here.

## Tachometer Screen

### REV POINTER

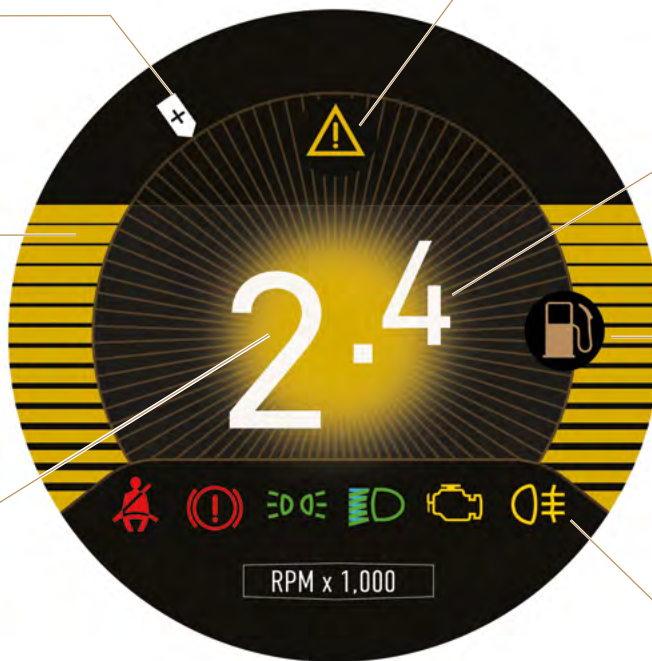
Indicator representing the revolutions per minute (RPM). This will turn red at high RPM.

### FUEL LEVEL

Fuel level is shown at all times. Each horizontal level represents approximately 2 litres. Once the fuel level is below approximately 5 litres, the bars will turn red.

### TACHOMETER

The tachometer display area will begin to pulse red at high RPM.



### CHECK MESSAGE WARNING SYMBOL

When any red or amber warning symbol is present, the check message warning triangle will also show and remain after the warning symbol is cleared.

### TACHOMETER UNIT

The tachometer display is measured in RPM x 1,000.

### FUEL LEVEL WARNING SYMBOL

Once the fuel level is below approximately 5 litres, the fuel warning symbol will show.

### TELL-TALE SYMBOLS

Relevant tell-tale symbols are displayed here.

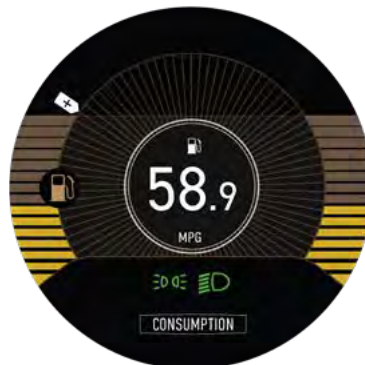
1



## MPH or KPH

HOLD the stalk button to toggle between MPH and KPH Speedometers.

2



## Fuel Consumption

PRESS the stalk button to view the fuel consumption in either MPG or l/100km. PRESS and HOLD the stalk button to reset the reading.

3



## Outside Temperature

PRESS the stalk button to view the outside temperature. PRESS and HOLD the stalk button to toggle between either °C or °F.

4



### Trip Meter

PRESS the stalk button to view the trip display which can be used to record a distance from a set starting point. PRESS and HOLD the stalk button to reset the trip meter to zero.

5



### Screen Brightness

PRESS the stalk button to view the screen brightness setting. PRESS and HOLD the stalk button to increase brightness and cycle through the 8 levels of brightness. The gauges automatically dim at night. This setting adjusts the maximum brightness of the display only.

6



### Check Warning Symbol

PRESS the stalk button to view the active yellow warning symbol(s). Note: red warning symbols will remain visible constantly and cannot be cleared.



## Quad Lock® Phone Mount (Optional)

The optional Quad Lock® phone mount can be fitted to either of the central two accessory rails (used also for fly screens if fitted). The bracket is fitted using a bolt - please see the 'Accessory Rails' section for more information on how to fit and secure these.

Before use, please consult the manufacturer's instruction booklet and read the health and safety warnings.

**⚠ WARNING** Do not operate devices whilst driving the vehicle.

**⚠ WARNING** Driver discretion should be used at all times. Be sure to always follow local driving rules and laws.

## Cup Holder (Optional)

The cup holder can be mounted underneath the dashboard using an accessory rail. The bracket is fitted using a fixing knob that slides along the keyhole slot - please see the 'Accessory Rails' section for more information on how to fit and secure these. It is recommended that only containers with a sealed lid are used in the cup holder to minimise the risk of spillages.

**⚠ WARNING** Do not place heavy items in the cup holders.

**⚠ WARNING** Do not use the cup holder as a support or as an area for putting body weight onto.

## Beeline Navigation (Optional)

If the optional Beeline navigation system is specified, the vehicle will come with a mounting bracket fitted to the steering column so that the navigation device is in the driver's view.

To fit the Beeline navigation device to the bracket, simply place the device onto the bracket and twist clockwise until an audible click sound is heard.

Before use, please consult the manufacturer's instruction booklet and read the health and safety warnings.

To remove the bracket from the steering column, remove the nut using a 4mm Allen key then remove the bracket from underneath and re-fit the nut. Ensure that the nut is fully tightened using the 4mm Allen key.

For user instructions, please consult the manufacturer's guidelines.

**⚠ WARNING** Do not install or operate the device whilst driving the vehicle.

**⚠ WARNING** Driver discretion should be used at all times. Always follow local driving rules and laws.

## EXTERIOR

- ③⑦ Exterior Storage
- ④② Bonnet and Boot
- ④③ Weather Protection

### Accessory Rails (Optional)

Patented accessory rails have been designed to allow additional options to be specified on Super 3. The vehicle can be fitted with fixing points that may be used for mounting accessories like wind deflectors, a centre-mounted mirror and various luggage options. These can be applied to the sideblades, under the dashboard, on the front bulkhead and rear bulkhead.

**PLEASE NOTE:** The optional accessory rails pack(s) must be specified.

Accessories can be fitted to the accessory rails in three ways:

1. Fly Screens: By using the two M6 bolts with the fly screen placed underneath the accessory rail.
2. By securing accessories into the M6 threaded hole in the accessory rail. Follow the instructions with the accessory.
3. Using the fixing knob which slides into the keyhole slot.



Above: M6 Bolts and M6 Thread (see next page for instructions).

**M6 BOLTS AND M6 THREAD:**

(Illustration on previous page). Fly screens with appropriate holes can be attached using M6 button head bolts (1). Remove the accessory rail by undoing the bolts then place the fly screen underneath it, aligning the holes in the fly screen to the rivet nuts in the bodywork. Re-fit the bolts and tighten using a 4mm hex key. It is recommended that a rubber gasket is placed between the fly screen and the bodywork for protection. Alternatively, accessories with the appropriate adaptors can be screwed into the M6 threaded hole (2).

**⚠ WARNING Do not over-tighten** as this may cause permanent damage. For reference, it is recommended that M6 bolts should be torqued to 10Nm.

**FIXING KNOB:**

The fixing plates include a keyhole slot which allows the accessory to attach using a fixing knob. Align the end of the fixing knob to the wide end of the keyhole slot and slide it across to the thinner end of the slot. Then, tighten the fixing knob by twisting clockwise by hand. Then, use a tightening bar provided with the vehicle to fully tighten and secure the accessory in place.

**Exo Side Racks (Optional)**

When the side blade accessory kit is equipped, optional exo side racks can be fitted to the accessory rails on the side blades. Please follow the instructions on the next page for fitting the side racks.

**⚠ WARNING** Always lock the side racks when they are fitted. Please refer to the 'Tubular Push Lock' page for more information.

**Exterior Bungee Storage (Optional)**

When the side blade accessory kit and exo side racks are equipped, optional bungee cords can be fitted as a method of storing items. Bungee cords assist the securing of luggage to the exo side racks. Additional fastening devices and strategies may need to be considered depending on the item. Once fitted, stretch the bungee cords out and slip items under them to be secured.

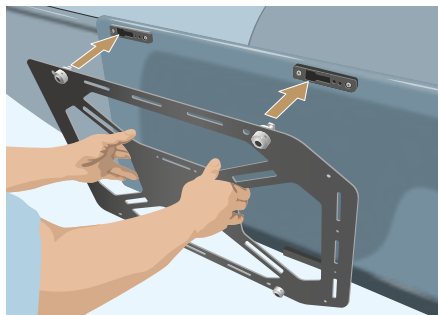
**⚠ WARNING** Ensure that all items are fully secured before driving the vehicle.

**⚠ WARNING** Never put fragile items secured to the side blades as this may result in damage.

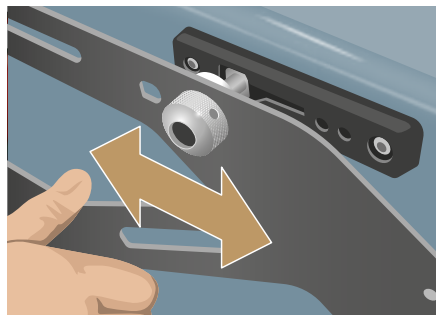
**⚠ WARNING** This space is NOT a lockable area and any belongings stored here should not be left unattended.



## Exo Side Rack Fitting



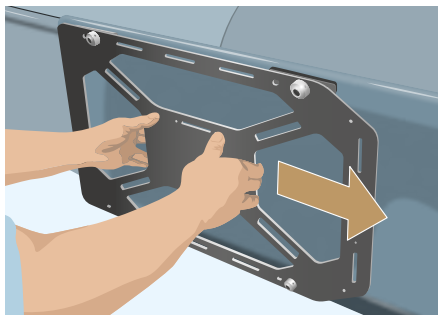
1. Holding the side rack in the middle, align the knobs to the keyhole slots in the accessory rails on the side blade, starting with the bottom two.



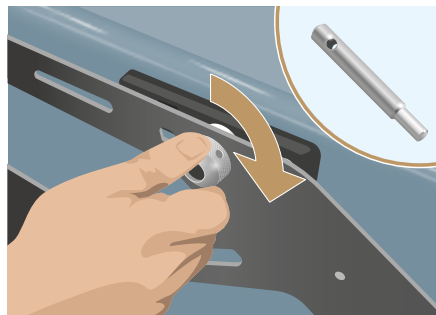
2. Slightly rock the side blade back and forth to allow the knobs to settle in the keyhole slot.



3. Turn the top two fixing knobs anti-clockwise to settle the fixings on the flat edge.



4. Holding the side rack in the middle, push the rack towards the front of the vehicle until it engages into place within the accessory rail.



5. Tighten all four fixing knobs by hand by twisting clockwise and then fully secure using the tightening bar provided with the Super 3.

The exo side rack should be locked - please refer to 'Tubular Push Lock' on page 39 for more details.

To remove the side rack, repeat this process in reverse order.

**⚠ WARNING** Ensure that the side racks are fully secured before moving the vehicle.

**⚠ WARNING** The maximum weight that the side racks can support is 18kg each. Do not exceed this weight limit.

**⚠ WARNING** Avoid loading the tyres beyond their approved carrying capacity - never overload the vehicle.

## Tubular Push Lock

The exo side racks can be locked using a tubular push lock to ensure that the racks and accessories fitted using fixing knobs cannot be removed. The phone mount and hard shell suitcase also use this locking mechanism.



**⚠ WARNING** Always lock the side racks when they are fitted.



1. The side rack locking mechanism is located at the front top corner, next to the fixing knob. When the tubular push lock is unlocked, the length of the bolt will be extended and visible.



2. To lock, press the end of the bolt into the lock until it secures.



3. Image above shows example of the mechanism when it is locked.



4. To unlock, use the key provided to insert into the locking mechanism and twist anti-clockwise until the length of the bolt extends.



5. Image above shows example of the mechanism when it is unlocked.

### Pannier (Optional)

When the side blade accessory kit is equipped, optional pannier luggage can be fitted to the accessory rails on the side blades. The pannier comes with a long shoulder strap which can be fitted using the G-clips on the strap. The pannier also comes with two securing loops which must be fitted to the accessory rails on the side blades before use (please see illustration below).

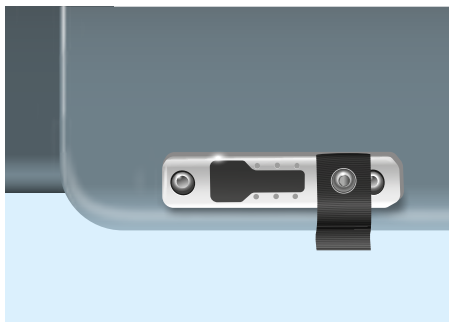
**⚠ WARNING** Ensure the pannier(s) are fully secured before driving the vehicle.

### Hard Shell Case (Optional)

When the side blade accessory kit is equipped, optional hard shell cases can be fitted to the accessory rails on the side blades. This can be done using the same method as the side rack fitting. Please refer to the 'Exo Side Rack Fitting' instructions on page 38 for details. The hard shell suitcase can be locked using a tubular push lock - please refer to 'Tubular Push Lock' on page 39 for details.

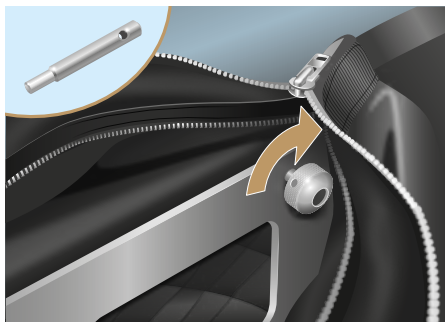
**⚠ WARNING** Ensure the case(s) are fully secured before driving the vehicle.

#### HOW TO FIT THE PANNIER:

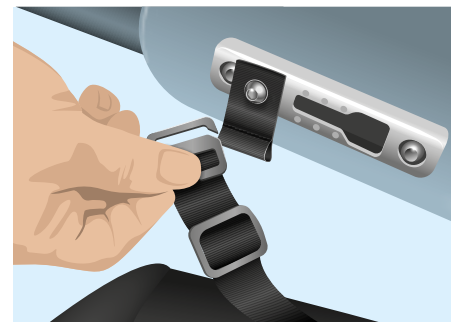


1. When you first receive your pannier, the securing loops must be screwed into the M6 fixing hole in each of the two lower accessory rails on the side blade. Ensure this is fully tightened.

**⚠ WARNING** Do not over-tighten as this may cause permanent damage. For reference, it is recommended that M6 bolts are torqued to 10Nm.



2. Lift the pannier onto the side rack and align the knobs to the keyhole slots in the side blade accessory rails and fit using the same method as the side racks. (See 'Side Rack Fitting', page 38).
3. Inside the inner zip of the pannier, tighten the universal fixing knob by twisting clockwise. Tighten further using the tightening bar provided.



4. Once the pannier is attached to the accessory rails at the top, use the G-clip to secure the bottom of the bag to the securing loops and tighten the adjustable straps.

## Luggage Rack (Optional)

The Morgan Super 3 has an optional luggage rack which can be equipped to the rear of the vehicle, over the boot. The luggage rack can be used to mount an array of luggage or equipment.

**⚠ WARNING** Do NOT open the boot whilst the luggage rack is down. Releasing the Boot Latch before lifting the Luggage Rack may result in damage to the Boot surface.

**⚠ WARNING** Always ensure that the luggage rack and any luggage is securely mounted before driving.

**⚠ WARNING** This space is NOT a lockable area. Any belongings stored in here should be attended at all times.

**⚠ WARNING** Take care not to damage the paintwork of the vehicle when using the luggage rack or mounting luggage.

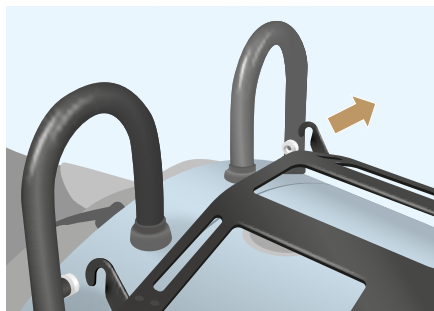
**⚠ WARNING** Avoid loading the tyres beyond their approved carrying capacity - never overload the vehicle.

**⚠ WARNING** The maximum weight that the luggage rack can support is 18kg. Do not exceed this weight limit.

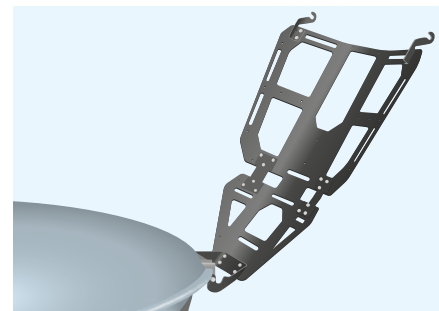
### HOW TO LIFT UP THE LUGGAGE RACK TO ACCESS THE BOOT:



1. Loosen the two fixing knobs attached to the cockpit hoops using the bar provided.



2. Lift the Luggage Rack, being careful not to put undue stress on the rear hinge as it reaches its fully opened position.



3. Once the luggage rack is lifted, as shown, the boot can be opened. Release the boot lever and open as described on page 42.

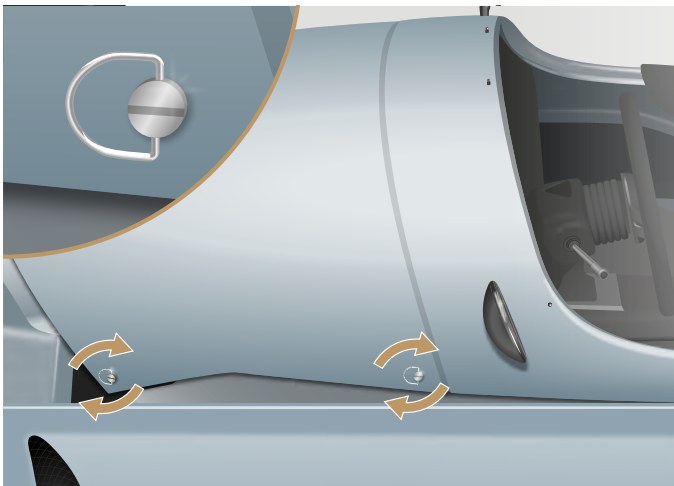
## Opening and Closing the Bonnet

To open the bonnet on your Morgan Super 3, first rotate all four retaining fasteners anti-clockwise until they become unlatched. With one hand on the cowl and another on the rear of the bonnet, lift up and away from the vehicle, ensuring that no damage is done to the body panels. To close, repeat in reverse.

**NOTICE** Always take care when opening bonnet in windy weather conditions. The wind may cause the bonnet to fall causing serious injury to yourself or others.

**⚠ WARNING** The front of the vehicle, near the engine, can become very hot. Danger of serious personal injury if touched.

**⚠ WARNING** Never drive the vehicle with the bonnet open/removed.



## Opening and Closing the Boot

The Super 3 has luggage space beneath the tail of the vehicle. This area is accessed by using the metal lever located between the seat belt mechanism.

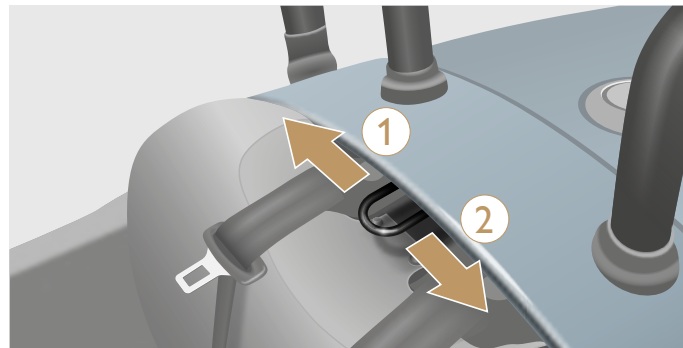
1. Push the metal lever to the right of the vehicle to pop open the boot.
2. Push and hold it to the left whilst lifting the boot panel up towards the rear.
3. To close the boot, push down either side of the fuel filler so that the securing pins engage.

**NOTICE** This space is NOT a lockable area and any belongings stored in here should not be left unattended.

**NOTICE** Always take care when opening boot in windy weather conditions. The wind may cause the boot to fall causing serious injury to yourself or others.

**⚠ WARNING** Never put animals or children in the boot space.

**⚠ WARNING** Ensure that the boot is fully closed and secured before driving. Never drive the vehicle with the boot open.



## Tonneau Cover (Optional)

The optional tonneau cover will allow the owner to cover all of the cockpit when not in use or only half the cockpit when travelling alone and wishing to protect as much of the interior as possible. The cover will provide considerable water protection and prolong the life of the interior.

If fitting both sides of the tonneau, zip the two halves together on a clean surface before fitting to the vehicle. Fit the correct centre patch (opposite) to the tonneau and secure with the poppers. Ensure that the correct patch is fitted, depending on whether the fly screens are fitted or not.

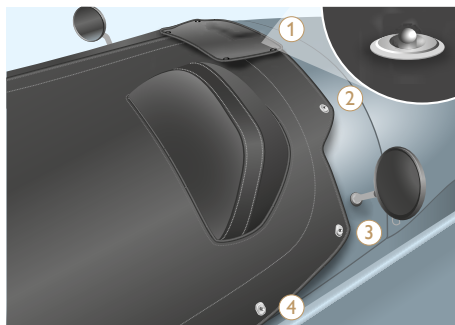


Without fly screens

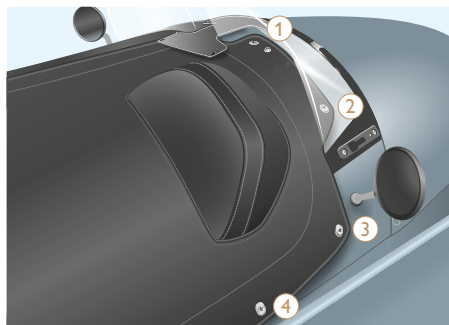


With fly screens

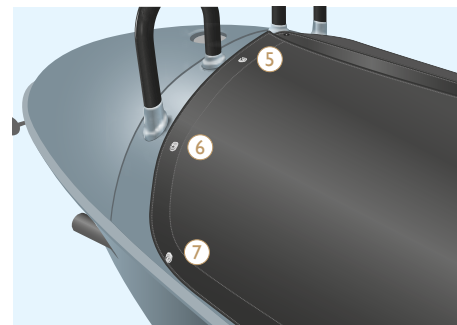
- ⚠ WARNING** Never try to install the cover whilst the vehicle is moving. If the vehicle has been running recently, stand well clear of hot components.
- ⚠ WARNING** When the tonneau is in the half open position take care to prevent loose material from rubbing against itself or other parts of the vehicle. Failure to do this may result in damage to the tonneau or paintwork.
- ⚠ WARNING** Be sure not to damage the paintwork with the metal components on the tonneau whilst fitting.
- ⚠ WARNING** The centre patch should only be fitted on stationary vehicles with both halves of the tonneau fitted and should not be used whilst driving.



1. Place the tonneau over the cockpit and push fit the pins in the order shown, starting at the front of the vehicle in the centre of the scuttle.



1. The image above shows example with fly screens.

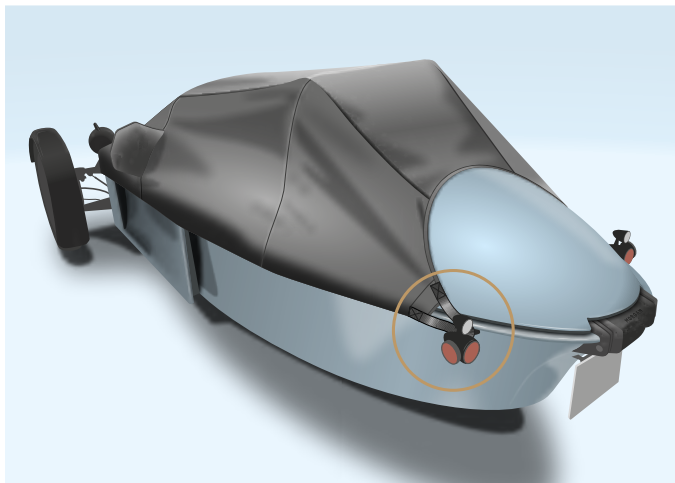


2. Push fit the pins at the rear of the tonneau in the order shown. To remove, repeat this process in reverse. Store the tonneau in a clean, dry place.

## Rain Cover (Optional)

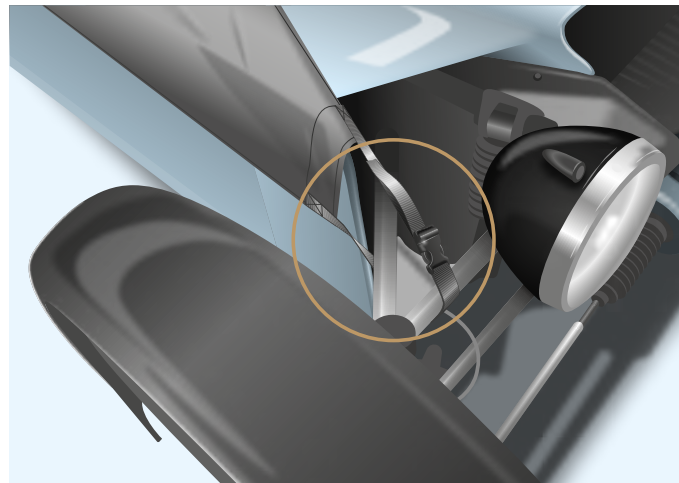
The static rain cover can be used to provide considerable water protection and prolong the life of the interior when the vehicle is not being driven.

Ensure that the rain cover is the right way up so that the waterproof side of the material is on the outside (the visible seams are on the inside) that the cover is the correct orientation (with the clip fastener straps at the front).



1. The rain cover should be looped around the rear light stalks and then brought forwards to fit the mirrors in the appropriate space in the cover.

- ⚠ WARNING** The rain cover is suitable for light to moderate weather conditions only. In very windy conditions, driven rain may get under the covers.
- ⚠ WARNING** Allow the vehicle time to cool down after being driven before fitting the rain cover.
- ⚠ WARNING** Remove the rain cover before operating the vehicle.



2. Then, attach the front straps to the suspension arms and do up the clips to secure the cover in place. Remove the cover before driving.

- ⚠ WARNING** Do not over-tighten the front straps.







## OPERATING THE VEHICLE

- ④7 Starting Procedure
- ④8 Pedal Position Adjustment
- ⑤0 Driving Controls
- ⑤1 Fuel Filling

### Ignition Switch/Steering Lock

The ignition switch is located on the steering column and has 3 positions.

- 1<sup>st</sup> Position:** Steering wheel lock in operation and ignition off, key can be extracted.
- 2<sup>nd</sup> Position:** Ignition switched on. In this position, press and hold the start button whilst pressing the clutch pedal to start the engine.
- 3<sup>rd</sup> Position:** Crank (factory start) position. Holding the key in this position for 5 seconds will start the engine.



**WARNING** Never allow the vehicle to move unless the lock is deactivated. Failure to do so may result in an accident resulting in serious injury or death.

### Starting Procedure

Before attempting to start the Super 3, make certain that the handbrake is fully applied and the vehicle is in neutral. Depress the clutch.

**CAUTION** Do not operate the accelerator pedal when starting. Turn the key and ensure that the ignition/steering lock is free. Never allow the vehicle to move with the steering lock engaged.

Move the key forward to the 2<sup>nd</sup> ignition position and push the start button, releasing the button as soon as the engine is running. If the engine does not start, release the button, pause for ten seconds and try again. Do not operate the starter for more than 6 seconds at a time. If the engine still fails to start, switch off the ignition and investigate the cause.

**CAUTION** Continued operation of the starter will discharge the battery and damage the starter.

**⚠ WARNING** Carbon Monoxide is dangerous. Do not breathe exhaust gases, which contain Carbon Monoxide. Before starting any car, be sure that there is sufficient ventilation to allow gases to escape.

## Warming Up

As soon as the engine is running and the instruments are reading correctly, the vehicle may be driven. The tick-over will be adjusted by the fuel injection and may run a little higher than normal while the engine is cold. The tick-over may also fluctuate for a short time when electrical equipment is switched on.

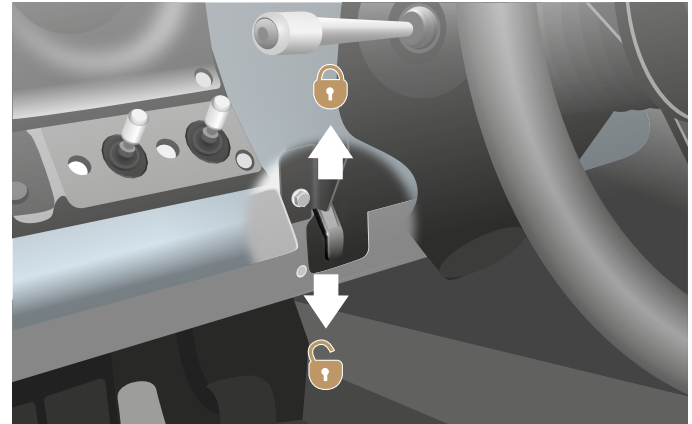
**NOTICE** Avoid harsh acceleration or labouring at all times, but especially when the engine is cold. It is recommended that the vehicle be driven extra carefully until the normal running temperature is reached.

**NOTICE** When the vehicle reaches normal operating temperature, check that all the instruments are reading correctly. Under cold conditions, the gearbox may appear stiff whilst the vehicle is cold. Operate the gears carefully; allow time for the clutch to free the box and the lever to travel between the gates.

## Steering Column Adjustment

It is important to have the steering controls in the correct position for the driver. The steering column in the Morgan Super 3 can be adjusted up or down and forwards or backwards. Push the lever backwards to adjust the position and then pull it forward to lock the position.

**⚠ WARNING** Only adjust the steering column position when the vehicle is stationary and the hand brake is applied. Failure to do this may result in an accident causing possible damage or injury to the driver or others.



*Location of the Steering Column Adjustment Locking Lever.*

## Pedal Box Assembly Position

The seats in a Morgan Super 3 are permanently fixed in position and secured to the monocoque. Adjustment in driving ergonomics is achieved solely by moving the pedal box assembly towards or away from the seat.

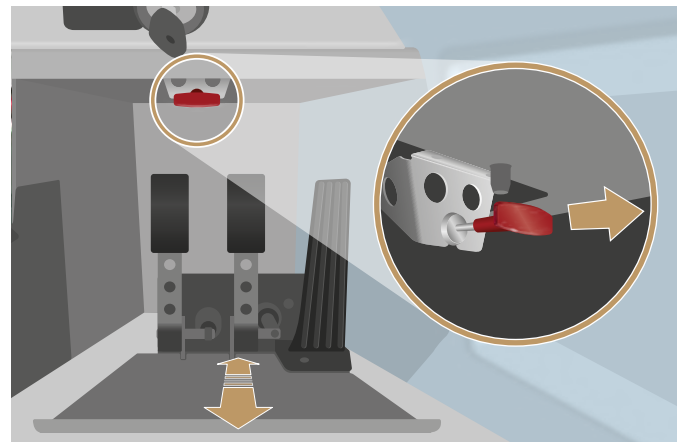
To move the pedal box assembly, ensure that the vehicle is stationary, the handbrake is engaged and follow the steps below:

1. Whilst sat in the driver's seat, locate the bright red lever underneath the dashboard and steering column in the footwell.
2. Gently pull the lever towards you whilst lightly moving the pedal box forwards and backwards with your feet.
3. Once the pedal box releases, hold release lever in the pulled position whilst sliding the pedal box into the desired position.
4. Let go of the lever and push the pedal box assembly away from you until it secures in place so that the pedal box assembly can no longer be moved and an audible 'click' noise is heard.

**⚠ WARNING** Ensure that the pedal box assembly is fully locked and secured in place to prevent it moving whilst driving. In some instances, an audible 'click' noise may not be heard. Always check that the pedal box is locked in position by gently moving the pedal box assembly forwards and backwards with your feet without pulling the release lever.

**⚠ WARNING** The pedal box assembly must be adjusted to the correct position for the driver before driving.

**⚠ WARNING** Do not adjust the pedal box assembly position whilst the vehicle is moving.



*Location of the Pedal Box Assembly Adjustment Lever.*

## Foot Controls

The foot controls are set out in the standard format with the accelerator on the right, brake in the centre and the clutch pedal on the left hand side. The positions of these controls are adjustable. Please see the '**Pedal Position Adjustment**' section for more information.

**⚠ WARNING** It is essential that all foot-operated controls are free of trim and any other items that may interfere with their operation.

**⚠ WARNING** When driving, suitable footwear should be worn. Wearing incorrect or no footwear may inhibit your ability to operate the foot pedals resulting in an accident. It is essential that all foot pedals are free of obstructions that may interfere with their operation.

## Foot Brake

Allow the brake system to fully bed in before heavy braking is performed unless in an emergency or other cases when heavy braking is required. The required pedal effort will be reduced as the brake system beds in.

## Clutch Pedal

**NOTICE** Do not slip or hold the vehicle on the clutch for more than a few moments. Excessive slipping or holding the vehicle on the clutch when on a slope will cause wear and damage to the clutch system.

**NOTICE** Do not rest your foot on the clutch pedal whilst driving.

**NOTICE** Ensure the clutch is fully depressed when changing gear. Failure to do so may result in damage to the transmission system.

## Accelerator

**NOTICE** Do not push the accelerator pedal when starting the vehicle.

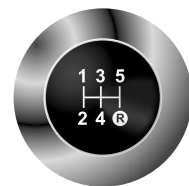
## Handbrake

The handbrake on your Morgan Super 3 only operates the rear wheel brake. The handbrake lever is a “fly-off” type. To engage the handbrake, pull the hand brake lever backwards until the brake is functioning. To secure the brake, push the button on the top of the lever down and hold and gently release the lever until the handbrake engages. To release the handbrake, pull the lever backwards until the button comes up and then release the lever forwards.

- ⚠ WARNING** Ensure the handbrake is securely applied especially when the brake system is hot.
- ⚠ WARNING** As the brakes cool, a loss in handbrake performance may be experienced. This may result in the vehicle rolling away, causing an accident, serious injury or even death.
- ⚠ WARNING** Ensure the handbrake is fully released before driving the vehicle. Failure to do so may result in damage to the brake system and drive train components.

## Gear Lever

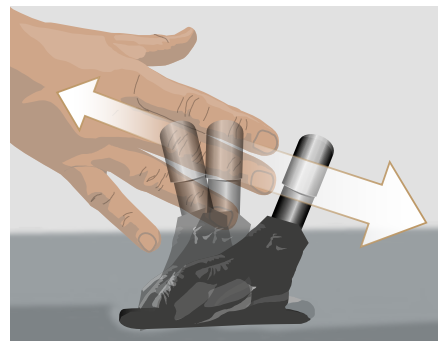
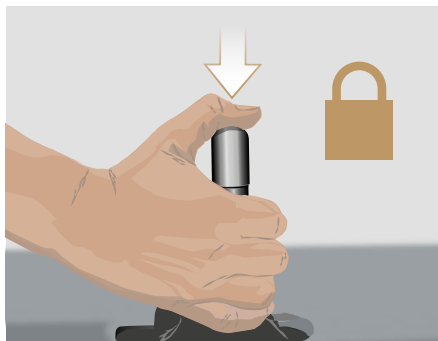
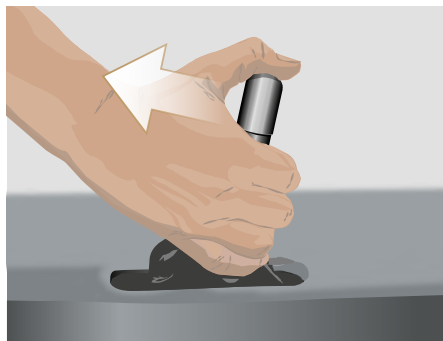
The gear positions are laid out in the standard H type pattern. When in neutral, the gear lever will naturally sit between 3<sup>rd</sup> and 4<sup>th</sup> gear.



## Reverse Gear

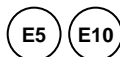
When engaging reverse gear, ensure that the vehicle is stationary and the clutch pedal is fully depressed. Move the gear lever fully to the right before pushing down to engage the reverse gear. The gear lever must be in neutral before engaging reverse gear.

**CAUTION** Ensure the clutch is fully depressed when changing gear. Failure to do so may result in damage to the transmission system.



The Morgan Super 3 must be fuelled with unleaded gasoline fuel. The Morgan Super 3 will run satisfactorily on gasoline of a minimum octane rating of 95 RON. Using fuel with a lower octane rating may cause knocking (pinking) that in severe cases can cause damage to the engine and it's components.

The Morgan Super 3 must be fuelled with either of the following fuel types:

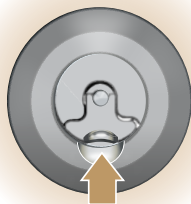


- ⚠ **WARNING** Using the incorrect fuel in the vehicle may cause damage to the vehicle's engine and emission control components. Damage caused to the vehicle as a result of the use of improper fuel is not covered by the manufacturer's warranty.
- ⚠ **WARNING** The engine must be switched off before refuelling.
- ⚠ **WARNING** Do not attempt to further fill the tank after the auto shut-off has stopped the pump.

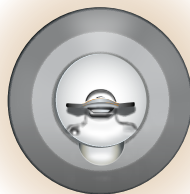
The fuel filler cap is located centrally on top of the vehicle directly behind the cockpit. When filling the tank, place the fuel filler nozzle into the filler neck and fill until the auto-shut off stops the fuel filling pump.

After filling with fuel, reverse the procedure to seal the fuel tank. The fuel filler cap must be cleaned on a regular basis, especially after the filler cap has been exposed to water, road salt or other elements.

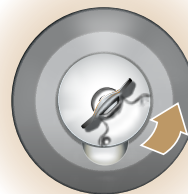
- ⚠ **WARNING** When removing the filler cap, do so slowly. Failure to do this may result in fuel spray causing serious injury and a fire hazard.
- ⚠ **WARNING** Care must be taken not to damage the paint work of the Super 3. Lay the filler cap down carefully against the outer filler ring.
- ⚠ **WARNING** Failure to properly seal the fuel filler cap may result in the vehicles emission system not operating correctly causing the engine check light to come on.
- ⚠ **WARNING** Petrol and its fumes are highly flammable. When filling the vehicle with fuel, ensure the engine is turned off, switch off mobile phones and ensure there are no naked flames or other potential ignition sources present.



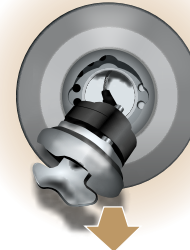
Locate lift tab



Lift up tab



Rotate anti-clockwise



Pull out

## MAINTENANCE

- ⑤3 Tyres
- ⑤6 Lifting and Towing
- ⑤7 Engine Bay General Layout
- ⑤8 Jump Starting
- ⑤8 Fuses
- ⑤8 Battery
- ⑤9 Brakes and Brake Fluid
- ⑥0 Maintenance Checks
- ⑥3 Cleaning

**⚠ WARNING** Tyres should be regularly inspected for any signs of damage, and for any uneven tread wear. Uneven tread wear may indicate that the steering or suspension system may require attention from a Morgan Service Agent.

**⚠ WARNING** Take care to avoid tyre contact with kerbs.

**⚠ WARNING** Contact with the kerb can cause internal damage to the tyre that may not be visibly apparent. Damage may also be caused if the tyre strikes potholes, rocks or other highway debris.

**⚠ WARNING** If the wheels or tyres have been damaged, have them replaced.

**⚠ WARNING** Tyres must be replaced when the legal tread depth limits are approached.

**⚠ WARNING** Poorly maintained and improperly used tyres are dangerous and may cause an accident resulting in serious injury or even death.

**⚠ WARNING** Tyres must not exceed their loading limits. Overloading of tyres can cause blowouts resulting in accidents causing serious injury or even death. See 'Tyre Placard Label'.

**⚠ WARNING** Tyres must be inflated to the correct pressures. Over or under inflated tyres can cause blowouts resulting in accidents causing serious injury or even death. See 'Tyre Placard Label'.

**⚠ WARNING** Tyres matching the correct manufacturers specification must be used. Using incorrect tyres can affect the handling of the vehicle, which can cause an accident resulting in serious injury or even death.

**⚠ WARNING** Continuing to drive the vehicle with a damaged tyre could result in further damage and serious injury.

## Glossary of Terms

### Cold Tyre Inflation Pressure

Check and adjust tyre pressures when the tyres are cold, the vehicle must have been stationary for 3 hours or driven less than 1 mile.

### Recommended Inflation Pressure

The cold tyre inflation pressure is stated on the tyre and loading placard, located underneath the centre of the dashboard.

### Maximum Inflation Pressure

The maximum inflation pressure of the tyres must not exceed the cold tyre inflation pressure.

## Cold Tyre Inflation Pressure

Morgan recommend that the front tyres should be inflated to the correct tyre pressures. This information can also be found on the vehicle's Tyre Placard Label located underneath the centre of the dashboard or see the 'Wheels and Tyres' section in the Technical Information pages at the front of the handbook.

To measure and adjust the tyres, remove the dust caps from the valves on the inside face of the wheels and connect the measuring/inflation device. Follow the instruction supplied with the measuring/adjusting device to measure/adjust the tyre pressures. When you have finished, remove the measuring/adjusting device and refit the dust caps to the valve.

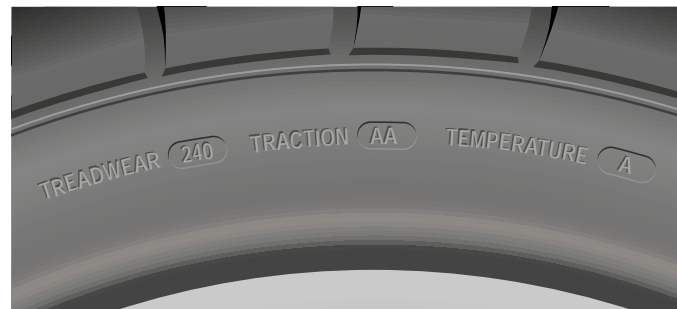
## Tyre Care

Wear indicators are moulded into the bottom of the tread grooves at intervals around the tyre, indicated by small pointers on the outer tread blocks. The tyres should be replaced before being worn to the minimum legal tread depth.

The cold tyre pressures should be checked every week, or every 1,000 miles (1,600 km), whichever is the sooner, and corrections made as necessary. See 'Wheels and Tyres' in the Technical Information section at the front of the handbook for tyre pressures. It is important that the tyre pressures are adjusted only when the Tyres are cold (when the vehicle has been standing for a minimum of 3 hours, or driven less than 1 mile). Always replace the tyre valve dust cap to prevent dirt and moisture getting into the valve, which could cause leakage.

## Replacement Tyres and Tyre Quality Grading

The standard fitment tyres, front and rear, have been carefully selected by Morgan Motor Company Ltd. to give balanced handling. The front tyres on the Morgan Super 3 are motorcycle standard which means they do not have the same grading visible on the tyres themselves. On the rear tyre, the tyre quality grade can be found on the tyre sidewall, indicating the quality of performance of the tyre. For example, see illustration below:



**⚠ WARNING** Morgan Motor Company strongly advise continuing to fit the standard fitment tyre combination wherever possible.



## Treadwear

The Treadwear grade is a comparative rating based on the wear rate of the tyre when tested under controlled conditions on a specified government test course. For example, a tyre graded 150 would wear one and one-half (1 1/2) times as well on the government course as a tyre graded 100. The relative performance of tyres depends upon the actual conditions of their use, however, and may depart significantly from normal due to variations in driving habits, service practices and differences in road characteristics and climate.

## Traction

The traction grades, from highest to lowest, are AA, A, B, and C. Those grades represent the tyre's ability to stop on a wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. A tyre marked as grade C may have poor traction performance.

**⚠ WARNING** The traction grade assigned to this tyre is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

## Temperature

The temperature grades are A (the highest), B, and C, representing the tyre's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tyre to degenerate and reduce tyre life, and excessive temperature can lead to sudden tyre failure. The grade C corresponds to a level of performance, which all passenger car tyres must meet. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law.

**⚠ WARNING** The temperature grade for this tyre is established for a tyre that is properly inflated and not overloaded. Excessive speed, under inflation, or excessive loading, either separately or in combination, can cause heat build-up and possible tyre failure.

The factory-fitted tyres on the vehicle are developed using high performance compounds which become brittle at low temperatures and therefore should not be used in certain conditions. These tyres should be stored or used only at temperatures at or above -10° C (14° F) to maintain performance characteristics and avoid damage to the tyre or injury to persons or property.

## TIN (Tyre Identification Number)

Marked on the sidewall of the tyre is the TIN; this is made up of 4 sections. Starting with DOT, then a 4-digit manufacturers code, then a 2-digit tyre size code, then a 4-digit week and year code.



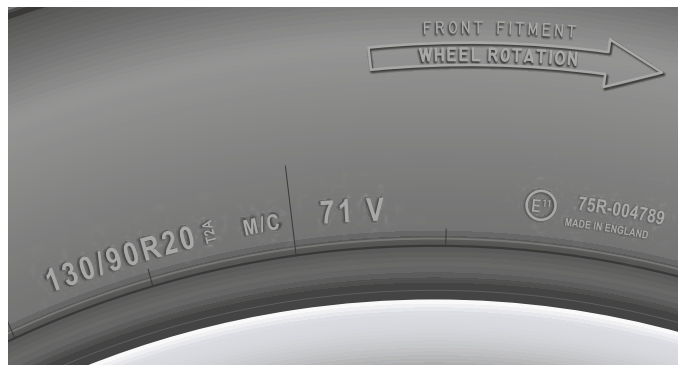
## Direction of Rotation

The manufacturer recommended tyres fitted to a Morgan Super 3 are directional tyres. This is shown with an arrow marking pointing to the direction of wheel rotation. Always ensure tyres are fitted in the correct direction.

## Tyre Size Markings

The sidewall of the tyre will be marked with the tyre size, for example:  
**130/90R20 M/C 71V**

130 is the nominal width of the tyre in mm, 90 is the height of the cross section of the tyre expressed as a percentage of the width, R is the tyre construction in this case radial, 20 is the rim diameter in inches, 71 is the tyre load index and V is the tyre speed rating. M/C means that the tyre is acceptable for a motorcycle - this will be on the front tyres but not the rear tyre.



## Tyre Placard/Label

The tyre and loading information label is located underneath the centre of the dashboard. It specifies the correct size and pressure of tyres to be used on the Morgan Super 3.

## Gross Vehicle Weight Rating

**⚠ WARNING** Do not exceed the GVWR (Gross Vehicle Weight Rating), or front or rear GAWR (Gross Axle Weight Rating). Exceeding these limits may cause unstable handling or vehicle or tyre damage, which could cause a crash in which the driver or others could be seriously injured or killed. The vehicles GVWR can be found next to VIN plate located underneath the centre of the dashboard.

**⚠ WARNING** The Morgan Super 3 must never be used to tow a trailer.

## Changing a Wheel

Wheels should be changed at a Morgan dealership where the vehicle can be raised using specialist equipment. In an emergency, a jack may be used to raise the vehicle sufficiently to clear a trapped obstacle from underneath. See 'LIFTING THE VEHICLE.'

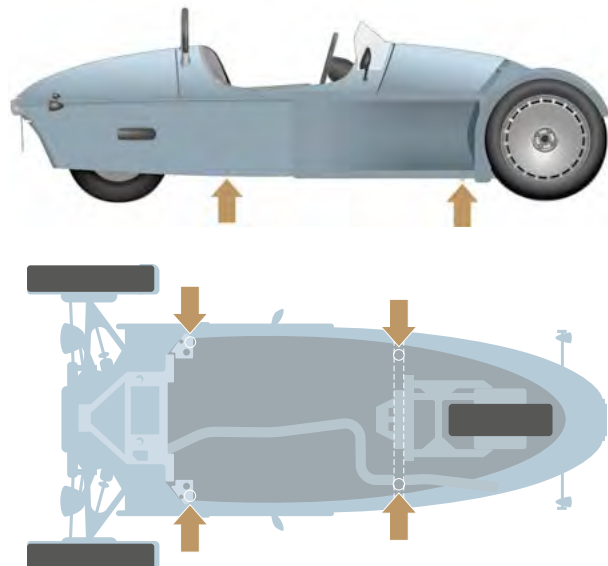
## Flat Tyre (Emergency Tyre Repair)

In the event of sustaining a flat tyre, contact your nearest Morgan dealer or a vehicle recovery company. If your vehicle carries a puncture repair kit, follow the instructions with the kit.

## Lifting the Vehicle

Wheels should be changed at a Morgan dealership where the vehicle can be raised using specialist equipment. In an emergency, a jack may be used to raise the vehicle sufficiently to clear a trapped obstacle from underneath. Morgan does not recommend the vehicle is lifted so that both front wheels are off the ground at the same time. The jack may be used for lifting wheels one at a time, by placing the lifting pad on the specified jacking points, as shown in the diagrams opposite.

**NOTICE:** Care should be taken not to damage the brake pipes, wiring or any other components. Care should be taken to avoid burns if the exhaust is hot.



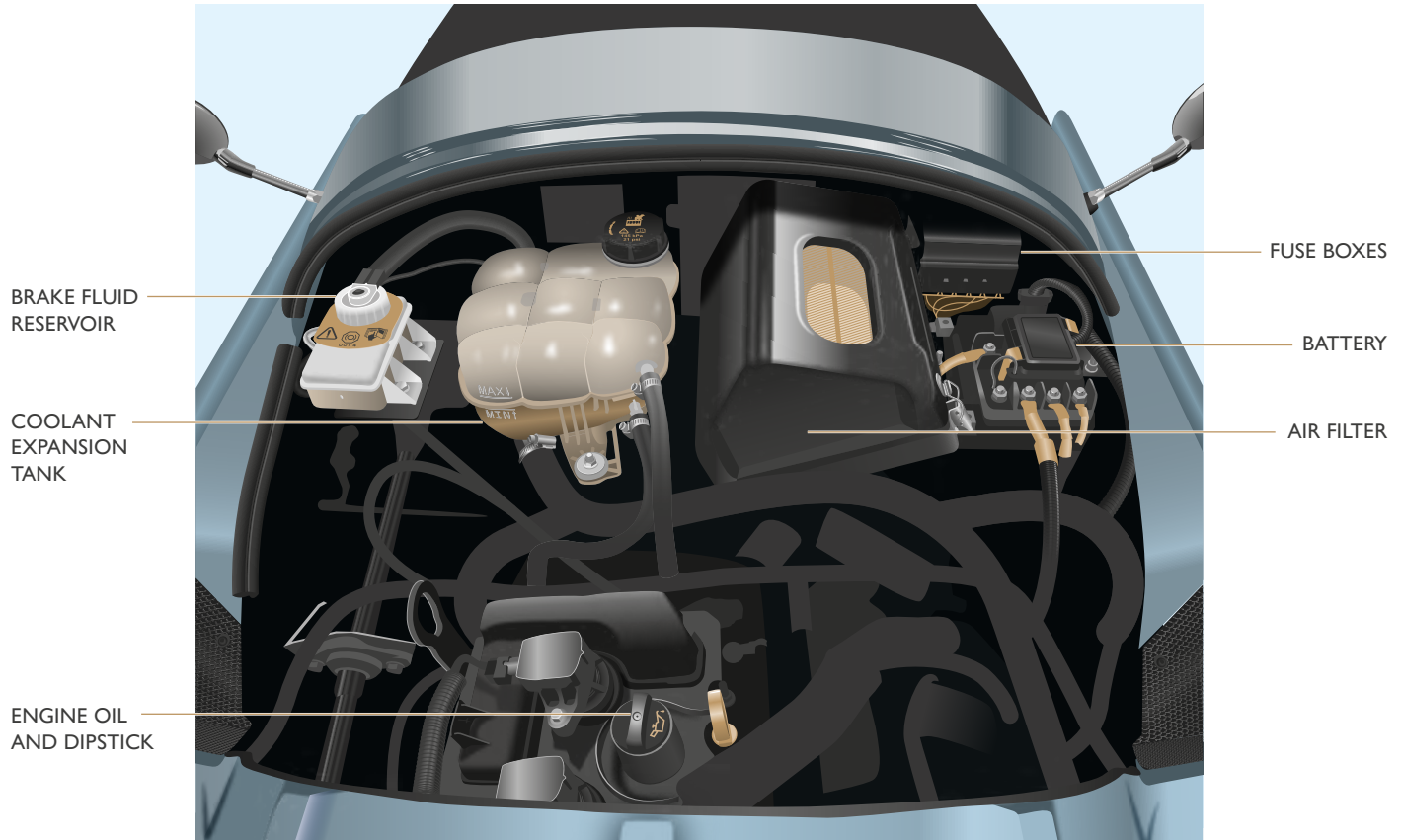
- ⚠ WARNING** The vehicle should only be lifted using a professional post lift or hydraulic ramp.
- ⚠ WARNING** Lifting a vehicle when using a jack can be dangerous. If the vehicle falls off the jack at any time you or others may be seriously injured or even killed.
- ⚠ WARNING** Never lift the vehicle when the engine is running.
- ⚠ WARNING** If using a jack, only lift the vehicle at the reinforced jacking points (illustrated) on the monocoque.

## Towing

The Super 3 must not be towed behind another vehicle. If the vehicle needs to be transported, it should be done using an appropriate vehicle transporter. If this is not an option then the vehicle should be towed with the drive wheel (rear) off the ground. The vehicle may need to be pushed or rolled, for example, onto an appropriate vehicle transporter. Before pushing, ensure that the ignition key is in position 2, vehicle is in neutral and the steering lock is released.

- ⚠ WARNING** Towing the Morgan Super 3 with the drive wheel on the ground will cause damage to the transmission system.
- ⚠ WARNING** Do not push the vehicle using the steering wheel or accessories.
- ⚠ WARNING** Observe local laws and regulations regarding towing.
- ⚠ WARNING** Do not use a Morgan Super 3 to tow trailers or other vehicles.

**NOTICE:** It is always best to transport the vehicle using vehicle transporters rather than towing a vehicle. When moving a vehicle using vehicle transporters, secure the vehicle using wheel chocks and straps to secure the wheels. Do not secure the vehicle using the bodywork or suspension components.



## Jump Starting

To jump start the Morgan Super 3, connect the positive jump starting power supply first to the positive terminal on the battery. Connect the negative terminal of the jump starting power supply to a good earth on the monocoque or on the battery.

**NOTICE** Care must be taken to avoid short-circuits when jump-starting a vehicle.

**⚠ WARNING** Not connecting jump-starting cables correctly may result in damage to a vehicle's electrical system.

**⚠ WARNING** Connecting the jump-starting cables in the incorrect order may cause serious injury.

## Replacing Fuses

The Morgan Super 3 has a Main Fuse Box, a Powertrain Fuse Box and a Power Distribution Unit. These are both located behind the battery which is under the bonnet on the passenger side. To access the two fuse boxes, release the lid fasteners by squeezing them inwards and lift up the covers. Use the fuse layout schematics on the fuse box lids to identify a blown fuse, pull it out and replace it with a spare fuse of the same rating.

**⚠ WARNING** Never make modifications or additions to the electrical circuit or components on your Morgan Super 3. Carefully replace blown fuses with a spare fuse of the same rating.

**⚠ WARNING** Working with electricity is dangerous unless conducted by an expert.

## Battery

The Morgan Super 3 uses a "maintenance free" battery which is located under the bonnet on the passenger side of the vehicle. If the battery is required to be removed from the vehicle this should normally be performed by a Morgan dealer. Whenever the battery requires removal/refitting, the terminals should be cleaned and covered in petroleum jelly.

The battery will discharge gradually if the vehicle is not used. If the vehicle is left standing for more than 2 weeks, or started and stopped frequently over short distances, then it is advised that a battery conditioner is used to maintain the battery correctly. Please speak to your supplying Morgan Dealer about battery conditioners. If a battery is allowed to discharge fully, this will damage the battery leading to failure and this will not be covered on the vehicle's warranty.

**⚠ WARNING** Always disconnect the negative terminal first. Always disconnect the battery when working on a vehicle.

**⚠ WARNING** Batteries contain acid based liquids; avoid contact with skin, eyes or clothing. If battery acid is in contact with the skin or eyes flush with copious amounts of water. Remove contaminated clothes immediately. Seek medical attention. If ingested do not induce vomiting or ingest any fluids, seek immediate medical attention.

**⚠ WARNING** Batteries produce explosive gases; keep isolated from potential ignition sources.

**⚠ WARNING** Ensure battery terminals are always isolated.

**⚠ WARNING** Observe all warnings as shown on the battery.

**⚠ WARNING** Never short circuit a battery, short-circuiting a battery may result in serious burns.

**⚠ WARNING** The front of the vehicle, near the engine, can become very hot. Danger of serious personal injury if touched.

## Brakes and Brake Fluid Reservoir

- ⚠ WARNING** The importance of brake maintenance cannot be over-stressed. The owner is legally required to keep the braking system to a satisfactory performance level. Brake pads and linings must be renewed in axle sets. Failure to do so will seriously affect the operation of the system.
- ⚠ WARNING** Any drop in reservoir fluid level or operation standards must be reported immediately to a Morgan dealer.
- ⚠ WARNING** Never make modifications to the braking system. It is recommended that a qualified engineer or Morgan service agent should carry out all repairs and brake services.
- ⚠ WARNING** Care must be taken when handling brake fluid, as it may cause skin problems. Follow manufacturers instructions carefully.
- ⚠ WARNING** Use only new brake fluid.
- ⚠ WARNING** Never leave fluid exposed to the air, as it will absorb moisture.
- ⚠ WARNING** Brake fluid will damage paint and other finished surfaces.
- ⚠ WARNING** Use only the recommended brake fluid or equivalents.
- ⚠ WARNING** Brake fluid is hazardous and will cause illness or even death if swallowed.
- ⚠ WARNING** Use only the specified brake fluid; using the incorrect fluid may cause damage to the brake system.

- ⚠ WARNING** Using incorrect brake components or excessively worn components will affect your braking system and may result in an accident causing serious injury or even death.

The brake fluid reservoir is situated under the bonnet. If brake fluid level is low, a warning will show on the LCD screen. To test the warning symbol, press the button on the brake fluid reservoir.

Every 5,000 miles (8,000km) remove the cover and check fluid level in the reservoir. There is a minimum and maximum level mark on the rear of the reservoir, the fluid should be filled to the maximum mark. If necessary, replenish using a funnel and flexible hose to within ½" (12mm) of the top with DOT 4 Brake Fluid. Replace cover ensuring that the rubber-sealing ring is in good condition and that the ventilation hole is unblocked. If significant topping-up is required, check the master cylinder, slave cylinders and pipes for leakage. Any leakage must be rectified immediately. The brake fluid in the system must be drained and replaced every 2 years.

The brakes will be inspected regularly during a normal service. Cleanliness is essential when dealing with brakes as grease or oil cannot be removed from brake linings. Always replace brake parts with genuine Morgan original specification components.



This section contains information necessary to maintain the vehicle in good mechanical condition in a temperate climate. Details of the intervals of service may be found in the schedule at the back of this book. The time between examinations is dependent on many things, particularly the type of use and the road conditions. In dusty, extreme, or arduous conditions, the time between services must be reduced. If a vehicle is not in use for long periods, the need for regular attention is as great as for a vehicle in everyday use. The following details, along with services from a Morgan distributor or Morgan Dealer, will help to prolong the life and enjoyment of the car.

## Daily Checks

- Lights
- Horn
- Indicators
- Mirrors
- Brakes operation  
(foot brake and hand brake)

## Weekly Checks

(or before long journeys)

- Engine Oil Level
- Engine Coolant Level
- Brake Fluid
- Tyre Pressures and Condition
- Lubricate all locks and hinges

## Engine Oil Measurement

The engine oil level must be checked weekly. Stand the vehicle on level ground when the engine is warm, switch the engine off and wait 10 minutes for the oil to cool and drain into the oil pan. Wipe clean the dipstick with a lint-free cloth. Re-insert the dipstick fully and remove again to check that the oil level is between the minimum and maximum notches on the stick.

**⚠ WARNING** Do not add engine oil when the engine is hot. Failure to follow this instruction could result in personal injury.

**⚠ WARNING** The front of the vehicle, near the engine, can become very hot. Danger of serious personal injury if touched.

## Adding Engine Oil

**⚠ WARNING** Never over-fill the engine with oil.

**⚠ WARNING** Never run the engine with the oil cap removed.

The quantity of engine oil required to raise the indicated level on the dipstick from minimum to maximum is 1 litre (0.2 US Gallons).

Switch off the engine and apply the handbrake. Allow the engine to cool for 10 minutes. Locate the oil filler cap positioned on the top of the engine. Clean the area surrounding the engine oil filler cap before you remove it. Open the oil filler cap by turning anticlockwise. Add engine oil of the correct specification. Ensure not to overfill with too much engine oil. Always clean up any oil spillage. Tighten the oil filler cap by turning it clockwise until you feel a strong resistance.



## Suitable Engine Oil Grade

Engine oils with the following oil specification can be used to top up if required:

**SAE 5W-20** engine oil of the highest possible quality. Specification **WSS-M2C948-B**.

If you are unable to find an engine oil that meets the specification, you can top-up with a **SAE 5W-20** engine oil that is defined by **ACEA A5/B5**.

## Oil Change

**⚠ WARNING** Engine oil not replaced in time can lead to increased engine wear and / or engine damage. Do not exceed the service date indicated. Morgan recommends having the engine oil changed by a certified Morgan Dealership or specialist workshop.

The engine oil should be changed every 10,000 miles or annually. Run the engine to normal temperature. Switch off the engine and remove the drain plug from the sump. When the oil has drained completely, clean and replace the plug with a new plug gasket. Fit a new oil filter and fill with 4.4 litres (1 US Gall) of the correct grade and quantity of oil. Replace the filler cap and run the engine for a short while. Take an oil measurement and add more oil if necessary.

**⚠ WARNING** Never over fill an engine with oil.

**⚠ WARNING** Care should be taken when draining engine oil, as it may be hot.

**⚠ WARNING** Prolonged exposure to used engine oil can cause serious skin disorders. Avoid excessive contact with skin or use protection.

**⚠ WARNING** The radiator fan may operate even when the ignition is switched off. Do not work near the fan until the engine has cooled sufficiently.

## Oil Filter

The Morgan Super 3 uses a screw on oil filter located on the side of the engine block, this can be accessed through a hole in the left-hand longitudinal behind the wishbone. The replaceable oil filter should always be replaced when the engine oil is changed. It is recommended that this is performed by a Morgan Service Dealer.

To remove the filter unscrew in anti-clockwise direction and carefully withdraw from the vehicle taking care to catch any dripping oil, be sure to check the old seal has come away with the filter and not stuck on the side of the engine block. To install the new filter remove from packaging and apply a thin layer of oil to the new seal, screw the filter onto the oil filter housing in a clockwise direction until hand tight taking care not to over-tighten.

## Air Cleaner

It is most important that the airflow is not restricted. The air cleaner should be changed every 10,000 miles, or more frequently in dusty conditions or regular town use. It is recommended that a Morgan Service Dealer should change the air filter element. The air cleaner box is closed using 4 retaining clips. When replacing, ensure that the correct specification of element is used.

## Spark Plugs

The spark plugs should be checked every 10,000 miles for the correct gap. The electrode and body should be cleaned and examined for damage. If the plug shows any sign of damage or deposits, it must be replaced. When fitting new spark plugs, be sure to only use the correct specification and set the gap correctly.

## Gearbox

The transmission system is permanently filled. The transmission oil level should be checked by a Morgan Service Dealer during routine servicing.



## Cooling System

The coolant expansion tank and coolant system is situated under the bonnet. The coolant system should be filled to the marker on the tank with **WSS-M97B44-D** Ford Antifreeze Super Plus Premium coolant and should be inspected only when the engine is cool. It is essential that the engine is supplied with sufficient coolant at all times.

**⚠ WARNING** Only remove the coolant filler cap when the engine is cool, otherwise the escaping steam and boiling water may cause serious scalding and injury.

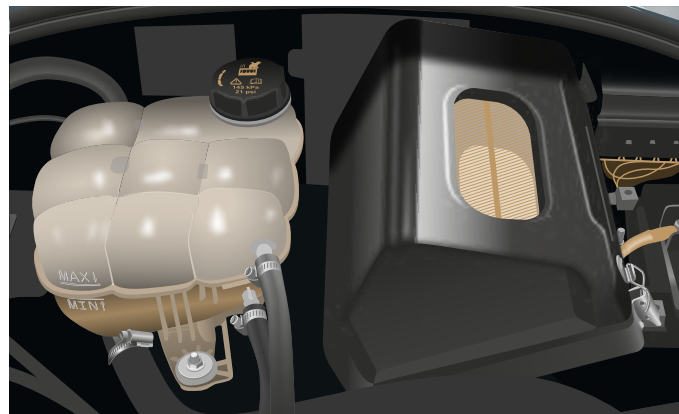
**⚠ WARNING** Coolant fluids are dangerous; keep out of reach of children. Swallowing coolant may damage health resulting in death or serious damage to the body.

Whenever the vehicle is serviced and periodically between these times, the coolant must be checked. At the same time it is recommended that all the hose clips and hoses be examined for tightness and damage. Any persistent loss of coolant should be indicated to a Morgan service agent at the earliest opportunity.

## Bevel Box

The bevel box is located next to the rear wheel. It is essential to replace the bevel box oil every service. The unit has a drain plug at the rear. The drain plug is the lower of the two plugs. When the oil has completely drained and the has been plug refitted, the Axle should be refilled with the correct oil, to the base of the filler hole in the back plate.

**⚠ WARNING** Care must be taken when handling hot oil and used oil.



*Engine Coolant Expansion Tank (left) and Air Cleaner (right)*

## Electric Fan

One electric fan is positioned on the side of the vehicle behind one of the radiators. These are operated by a temperature switch in the engine and controlled by the ECU. The fan speed will automatically vary to maintain the correct engine temperature. As the temperature rises in traffic, the fan will then cut in and cut out. If there is any doubt about the operation of the fan system, consult a Morgan Dealer. If the engine is hot when switched off the fan can continue to run for up to 5 minutes after ignition off.

**⚠ WARNING** Do not allow tools, hands or clothing to come into contact with the fan. Fans may operate without warning, even with the ignition switched off.

## Cleaning - Exterior

It is recommended that the paintwork should not be treated with a heavy wax for a period of three months after the vehicle has been painted. During this time the paintwork should be cleaned regularly and may be treated with a light polish. The bright work should be cleaned and waxed every time the vehicle is cleaned. After this initial period, the surface of the paintwork should be thoroughly cleaned. Any imperfections, such as light scratches, should be removed using a fine rubbing compound applied with a soft cloth.

**NOTICE** Polishing compounds must be used carefully as they remove the paint surface. A fine cutting polish can be used to polish road film off.

Do not use cutting polishes that contain ammonia as this may bleach some pigments. After the paint is completely clean, a good quality wax polish should be used. Avoid silicone-based products and polymer sealers, as these can prevent the paint from 'breathing'. It is recommended that a traditional wax polish is used. After the initial polishing of the car, it is most important to keep the paintwork and chrome work clean and well waxed.

**NOTICE** Do not get polish or oil on the brakes when cleaning. Your dealer can provide advice about the best materials to use when cleaning your car.

**⚠ WARNING** The vehicle should be allowed time to cool before cleaning. Danger of serious injury if touched when hot.

**⚠ WARNING** Avoid polishing areas where a graphic pack has been applied.

**⚠ WARNING** Take extra care when cleaning the vehicle not to damage graphic packs. If using a pressure washer, please note that holding the nozzle at an angle to graphic may lift the edges of the film.

## Cleaning - Interior

Standard leather is designed to be durable and water-resistant. It may be cleaned using a damp clean cloth. Technical fabric is anti microbial, stain repellent and waterproof. It should be vacuumed regularly and may be wiped with a clean cloth using soap and water or upholstery shampoo.

**⚠ WARNING** Excessive direct sun light, heat and exposure to moisture may cause damage to interior materials and specifically to the leather.

## Mirrors

To adjust the two body mounted mirrors, move the mirrors on the stalks until they are in the desired position.

**NOTICE** Never force the movement of the mirrors, this may cause damage to the mirrors or their mounting surfaces.

## Graphic Packs

If your Morgan Super 3 is fitted with a Morgan livery pack or decal kit, do not attempt to remove it as this may cause damage to the paintwork.

**⚠ WARNING** Excessive direct sun light may cause damage to graphic packs.

## White Tail Pipes

Please note that white tail pipes are likely to discolour with use and age.

## OWNERSHIP

- 65 Warranty Information
- 68 Scheduled Maintenance Guide
- 70 Service Record

## Warranty Information

When the vehicle needs warranty repairs it should be taken to any MORGAN authorised Morgan service dealer.

If there are questions or concerns with the vehicle, we suggest these steps are followed:

1. Contact a Morgan Service Advisor at an authorised Morgan Service Dealer.
2. If the inquiry or concern remains unresolved, contact the Dealer Principal.
3. If the inquiry or concern cannot be resolved, please contact the Morgan Customer Assistance Department at:

Morgan Motor Company Limited  
Pickersleigh Road, Malvern,  
Worcestershire, England WR14 2LL

Customer Assistance Telephone: 0044 1684 573104  
(This is a UK-based telephone number)

## Warranties that apply to your Morgan Super 3:

### KNOW WHEN YOUR WARRANTY BEGINS

The Warranty Start Date (for all warranties) is the day the first retail owner takes delivery of the new vehicle, or the day it is first put into service (for example, as a demonstrator), whichever occurs first.

## CHECK THE VEHICLE

We check vehicles carefully at the factory to assure quality. Upon delivery, check the vehicle over carefully and if there is any damage or issues, and if there is any concern with the finish of the vehicle, please notify your supplying Morgan Dealer immediately.

## MAINTAIN THE VEHICLE PROPERLY

Proper maintenance protects against major repair expenses resulting from neglect or inadequate maintenance. It is the owner's responsibility to make sure that all of the scheduled maintenance is performed within 1 month or 1,000 miles of the due requirement and that the materials used meet Morgan specifications. Failure to perform scheduled maintenance as specified in the Scheduled Maintenance Guide will invalidate warranty coverage on parts affected by the lack of maintenance. Make sure that confirmation of maintenance work is kept.

## WHO PAYS FOR WARRANTY REPAIRS?

The owner will not be charged for qualifying warranty repairs during the warranty period for the New Vehicle Limited Warranty or Emissions Warranty.

## The Morgan Motor Company New Vehicle Limited Warranty

Your Morgan is covered by the Morgan Motor Company New Vehicle Limited Warranty for a period of 30 months or 30,000 miles / 50,000 Km (whichever comes first). The New Vehicle Limited Warranty is the only warranty applicable to your vehicle. Morgan does not assume nor authorise anyone to assume for it any other obligation or liability in connection with your vehicle or this warranty.

MORGAN is not responsible for any time that you lose, for any inconvenience you might be caused, for the loss of your transportation, or for any other incidental or consequential damages you may have. You may also have some implied warranties.

For example, you may have:

- An implied warranty of merchantability (that the vehicle is reasonably fit for the general purpose for which it was sold) or...
- An implied warranty of fitness for a particular purpose (that the vehicle is suitable for your special purposes).

These implied warranties are limited, to the extent allowed by law, to the time period covered by the New Vehicle Limited Warranty, or to the applicable time period provided by state law, whichever period is shorter.

## WHAT IS COVERED UNDER THE NEW VEHICLE LIMITED WARRANTY?

Your warranty covers you for Year 1 free recovery service for United Kingdom registered and operated cars supplied by a United Kingdom Morgan dealer (please see separate handbook for terms and conditions). For cars supplied by Morgan dealers in other countries, please confirm with your supplying Morgan dealer the level of break down cover which they are able to arrange in your country.

During this coverage period, the authorised Morgan service point will repair, replace, or adjust all parts on your vehicle that are defective in factory-supplied materials or workmanship. Items and conditions that are not covered by the New Vehicle Limited Warranty are described below. When making warranty repairs on your vehicle, the authorised service point will use genuine Morgan new or re-manufactured parts, or other parts that are authorised by Morgan.

# WARRANTY INFORMATION

## WHAT IS NOT COVERED UNDER THE NEW VEHICLE LIMITED WARRANTY?

### DAMAGE CAUSED BY:

- Accidents, collision or objects striking the vehicle.
- Acts of theft, vandalism, war, riot, fire or explosion.
- Freezing.
- Misusing of the vehicle, such as speeding, driving over curbs, overloading.
- Altering or modifying the vehicle – including the engine, body, monocoque, or components – after the vehicle leaves Morgan's control.
- Non-MORGAN parts installed after the vehicle leaves Morgan's control. (For example, but not limited to, cellular phones, alarm systems.)
- Tampering with the vehicle, its emissions systems, or with other parts that affect these systems.
- Disconnecting or altering the odometer or allowing the odometer to be inoperative for an extended period of time with the result that the actual mileage cannot be determined.
- Using contaminated or improper fuel/fluids.
- Customer-applied chemicals or accidental spills.
- Driving through water deep enough to cause the ingress of water into the engine or control systems.
- Driving on unreasonable road surfaces such as closed roads, circuits or race tracks or driving in excess of legal speed limits for extended periods.
- Use in racing, timed competitive or track events, or after fitment of parts sold as "off road" or "competition-only" parts.

### DAMAGE CAUSED BY USE AND/OR THE ENVIRONMENT

Your New Vehicle Limited Warranty does not cover surface rust and deterioration of paint, trim, upholstery, and other appearance items that result from use and/or exposure to the elements.

Here are examples:

- Stone chips, scratches (some examples are on paint)
- Cuts, burns, punctures or tears
- Bird droppings
- Windstorm
- Water or flood
- Dents and other panel damage
- Road salt, tree sap
- Lightning, hail
- Earthquake
- Normal interior ageing

### DAMAGE CAUSED BY IMPROPER MAINTENANCE

Your New Vehicle Limited Warranty does not cover damage caused by failure to maintain the vehicle, improperly servicing or maintaining the vehicle, or using the wrong part, fuel, oil, lubricants, or fluids.

### MAINTENANCE / WEAR AND TEAR

Your New Vehicle Limited Warranty does not cover: (1) parts and labour needed to maintain the vehicle; and (2) the replacement of parts due to normal wear and tear. You, as the owner, are responsible for these items.

Here are examples:

- Oil changes
- Oil/air filters
- Tyre rotation or balancing
- Clutch linings
- Bulbs
- Hoses
- Oils, lubricants, other fluids
- Brake linings/pads
- Cleaning/polishing
- Engine tune-up
- Belts
- Wheel alignment

## OTHER ITEMS AND CONDITIONS NOT COVERED

Your New Vehicle Limited Warranty also does not cover:

- Vehicle recovery / transport is not covered, unless you have confirmed recovery cover with your supplying Morgan Dealer.
- Any vehicle to which the warranty does not apply as described in section 2.
- Minor wind noise or water ingress or normal vehicle noises or vibrations.
- Non-Morgan engine parts; for example, parts installed by modifiers, or damage to original components caused by installation of such non-Morgan, other than “certified” emissions parts.
- Vehicles that have ever been labelled or branded as “dismantled”, “fire”, “flood”, “junk”, “rebuilt”, “reconstructed”, or “salvaged”; this will void the New Vehicle Limited Warranty.
- Vehicles that have been determined to be a “total loss” by an insurance company; this will void the New Vehicle Limited Warranty.
- Tyres, Navigation System, batteries.
- Incidental and consequential damage, as explained above.
- Brand Partnership items

**CAUTION** Some noise may be heard from the bevel box. This can be expected to reduce substantially by the time the vehicle has been driven 1000 miles.

## Warranties on Tyres, Navigation System and Batteries

The tyre, navigation system, and battery manufacturers provide you with separate warranties. You will find these warranties with the owner literature supplied with your new vehicle. Morgan provides no warranty coverage on these items. However, if a tyre, navigation system or battery is damaged during the New

Vehicle Limited Warranty coverage period because of a vehicle defect in factory-supplied materials or workmanship, Morgan will replace the tyre, sound system component or battery.

## General Maintenance Information

This guide describes the scheduled maintenance required for your vehicle. Carefully following this schedule helps protect against major repair expenses resulting from neglect or inadequate maintenance. It is your responsibility to see that all scheduled maintenance is performed and that the materials used meet engineering specifications. Failure to perform scheduled maintenance specified in this guide will invalidate warranty coverage on parts affected by the lack of maintenance. Be sure confirmation of the work performed is always kept. Your authorised service point has factory-trained technicians who can perform the required maintenance using genuine parts. To assure the proper performance of your vehicle and its emission control systems, scheduled maintenance must be completed at the designated intervals. Engine parts other than Morgan new or re-manufactured parts that are used for maintenance, replacement or for the service of components must be equivalent to genuine Morgan part in performance and durability. It is the owner's responsibility to assure the equivalency of such parts.

## Which Schedule Should You Follow?

### SPECIAL OPERATING CONDITIONS

If the vehicle is operated in any of the more demanding “Special Operating Conditions” listed below, some items will need to be maintained more frequently.

- Extensive idling and/or driving at low speeds for long distances
- Driving in dusty conditions

If the vehicle is only occasionally operated under these conditions, it is not necessary to perform the additional maintenance. For specific recommendations contact the Morgan Customer Assistance Centre.

*Every 9 months or 6,000 miles (whichever comes first):*

- Replace engine oil and filter

*As required:*

- Replace engine air filter

### NORMAL SCHEDULE - DEALERSHIP SERVICE SCHEDULE

The Normal Schedule applies to those who operate their vehicle under typical, everyday driving conditions. The maintenance frequency represented in the normal schedule typifies what most vehicle operators will require.

*Every 12 months or 10,000 miles (whichever comes first):*

- Replace engine oil and filter
- Replace air filter
- Inspect brake system
- Replace bevel box oil

*Every 36 months or 30,000 miles (whichever comes first):*

- Renew brake fluid
- Inspect spark plugs

*Every 60 months or 50,000 miles (whichever comes first):*

- Replace coolant

*Every 72 months or 60,000 miles (whichever comes first):*

- Replace spark plugs
- Renew brake fluid

*Every 96 months or 80,000 miles (whichever comes first):*

- Replace timing belt

*Every 108 months or 90,000 miles (whichever comes first):*

- Renew brake fluid

## Owner Checks and Services

*(Refer to Mileage Intervals for Additional Checks and Services)*

The owner or a service technician should perform certain basic maintenance checks and inspections at the intervals indicated. The owner maintenance service checks are generally not covered by warranties so the owner may be charged for labour, parts or lubricants used.

*Check At Least Every Month:*

- Check function of all interior and exterior lights
- Check tyres for wear and proper air pressure
- Check engine oil fluid level
- Check lap/shoulder belts and seat latches for wear and function
- Check handbrake for proper operation
- Check and lubricate all hinges and latches
- Check cooling system fluid level and coolant strength
- Check battery connections and clean if necessary

## Dealership Normal Service Schedule

	3 months	12 months or 10,000 miles	24 months or 20,000 miles	36 months or 30,000 miles	48 months or 40,000 miles	60 months or 50,000 miles	72 months or 60,000 miles	84 months or 70,000 miles	96 months or 80,000 miles	108 months or 90,000 miles
Oil Level Check	●									
Brake Fluid Level Check	●									
Coolant Level Check	●									
Replace Engine Oil		●	●	●	●	●	●	●	●	●
Replace Oil Filter		●	●	●	●	●	●	●	●	●
Replace Air Filter		●	●	●	●	●	●	●	●	●
Replace Coolant						●				
Inspect Spark Plugs				●						
Replace Spark Plugs							●			
Replace Timing Belt									●	
Replace Bevel Box Oil		●	●	●	●	●	●	●	●	●
Inspect Brake System		●	●	●	●	●	●	●	●	●
Renew Brake Fluid				●			●			●

## SERVICE RECORD

The following section contains a log to document dealership services. Always consult the table opposite for the dealership service schedule.

If you require repair and maintenance information not covered in this handbook please contact your Morgan dealership or [dsc@morgan-motor.co.uk](mailto:dsc@morgan-motor.co.uk)



MORGAN SUPER 3 **THREE MONTH COURTESY CHECK** (OPTIONAL)  
3 months after delivery

Checked by: .....	Dealer Stamp
Name: .....	
Address: .....	
.....	
.....	
.....	
Date: .....	
Mileage: .....	
Signature: .....	

# MORGAN SUPER 3 1<sup>ST</sup> SERVICE

12 months or 10,000 miles (16,000km) after delivery (whichever comes first.)

☐ RENEW OIL

☐ OIL FILTER

☐ AIR FILTER

☐ BEVEL BOX OIL

☐ INSPECT BRAKE SYSTEM

Checked by: .....

Dealer Stamp

Name: .....

Address: .....

Date: .....

Mileage: .....

Signature: .....

# MORGAN SUPER 3 2<sup>ND</sup> SERVICE

24 months or 20,000 miles (32,000km) after delivery (whichever comes first.)

☐ RENEW OIL

☐ OIL FILTER

☐ AIR FILTER

☐ BEVEL BOX OIL

☐ INSPECT BRAKE SYSTEM

Checked by: .....

Dealer Stamp

Name: .....

Address: .....

Date: .....

Mileage: .....

Signature: .....

# MORGAN SUPER 3 3<sup>RD</sup> SERVICE

**36 months or 30,000 miles (48,000km) after delivery** (whichever comes first.)

☐ RENEW OIL

☐ OIL FILTER

☐ AIR FILTER

☐ BEVEL BOX OIL

☐ INSPECT BRAKE SYSTEM

☐ INSPECT SPARK PLUGS

☐ RENEW BRAKE FLUID

Checked by: .....

Dealer Stamp

Name: .....

Address: .....

Date: .....

Mileage: .....

Signature: .....

# MORGAN SUPER 3 4<sup>TH</sup> SERVICE

**48 months** or **40,000 miles (64,000km)** after delivery (whichever comes first.)

☐ RENEW OIL

☐ OIL FILTER

☐ AIR FILTER

☐ BEVEL BOX OIL

☐ INSPECT BRAKE SYSTEM

Checked by: .....

Dealer Stamp

Name: .....

Address: .....  
.....  
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Date: .....

Mileage: .....

Signature: .....

# MORGAN SUPER 3 5<sup>TH</sup> SERVICE

60 months or 50,000 miles (80,000km) after delivery (whichever comes first.)

☐ RENEW OIL

☐ OIL FILTER

☐ AIR FILTER

☐ BEVEL BOX OIL

☐ INSPECT BRAKE SYSTEM

☐ RENEW COOLANT

Checked by: .....

Dealer Stamp

Name: .....

Address: .....

.....

.....

Date: .....

Mileage: .....

Signature: .....

# MORGAN SUPER 3 6<sup>TH</sup> SERVICE

72 months or 60,000 miles (96,000km) after delivery (whichever comes first.)

☐ RENEW OIL

☐ OIL FILTER

☐ AIR FILTER

☐ BEVEL BOX OIL

☐ INSPECT BRAKE SYSTEM

☐ REPLACE SPARK PLUGS

☐ RENEW BRAKE FLUID

Checked by: .....

Dealer Stamp

Name: .....

Address: .....

Date: .....

Mileage: .....

Signature: .....

# MORGAN SUPER 3 7<sup>TH</sup> SERVICE

**84 months** or **70,000 miles (112,000km)** after delivery (whichever comes first.)

☐ RENEW OIL

☐ OIL FILTER

☐ AIR FILTER

☐ BEVEL BOX OIL

☐ INSPECT BRAKE SYSTEM

Checked by: .....

Dealer Stamp

Name: .....

Address: .....

Date: .....

Mileage: .....

Signature: .....



# MORGAN SUPER 3 8<sup>TH</sup> SERVICE

96 months or 80,000 miles (128,000km) after delivery (whichever comes first.)

☐ RENEW OIL

☐ OIL FILTER

☐ AIR FILTER

☐ BEVEL BOX OIL

☐ INSPECT BRAKE SYSTEM

☐ REPLACE TIMING BELT

Checked by: .....

Dealer Stamp

Name: .....

Address: .....

.....

.....

Date: .....

Mileage: .....

Signature: .....

# MORGAN SUPER 3 9<sup>TH</sup> SERVICE

**108 months** or **90,000 miles (145,000km)** after delivery (whichever comes first.)

☐ RENEW OIL

☐ OIL FILTER

☐ AIR FILTER

☐ BEVEL BOX OIL

☐ INSPECT BRAKE SYSTEM

☐ RENEW BRAKE FLUID

Checked by: .....

Dealer Stamp

Name: .....

Address: .....

Date: .....

Mileage: .....

Signature: .....

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