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# Driver's Handbook Supplement

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XJ series

**JJM 18 02 19/001**

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## **Introduction**

This supplement contains additional information, plus updates to the original information, for the following handbooks:

- Driver's Handbook (pages 2 to 13)
- Vehicle Care Handbook (pages 14 to 27)

## Reverse Parking Aid

### (Where fitted)

This parking aid, when reverse gear is selected and the ignition is on, automatically provides an audible proximity warning when reversing the vehicle. If an object is detected, a beep tone will be heard, which increases in rate as the vehicle approaches the object.

**Caution: It remains the responsibility of the driver to detect obstacles and to estimate the distance from them. Some overhanging objects, barriers, thin obstructions or painted surfaces which could possibly cause damage to the vehicle may not be detected by the system. Always be vigilant when reversing.**

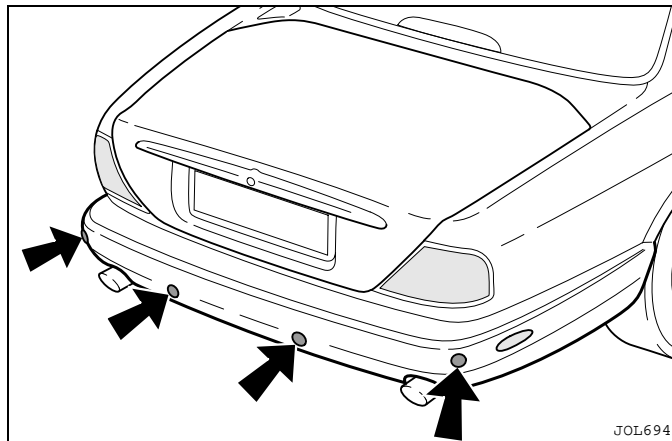
The system uses four ultrasonic sensors which are spaced across the rear bumper and connected to an Electronic Control Module.

At approximately 8 inches (200 mm) the beep will become continuous.

If the object is not high enough or close enough to cause damage to the vehicle, then the beep will not be heard.

### Fault Indication

If a fault occurs in the system, the normal warning beep will be cancelled until the fault is rectified. However, each time the ignition is switched on, a continuous tone lasting for 6 to 8 seconds will sound the first time that reverse gear is selected, but not on subsequent selections of reverse.



### Note:

1. For reliable operation, the sensors should be kept free from dirt and ice.
2. The system may perform erratically in the rain.
3. When using a high pressure spray for cleaning the vehicle, the sensors should only be sprayed briefly and from a distance greater than 8 inches (200 mm).
4. If a tow bar accessory kit is fitted to the vehicle, the reverse parking aid electronic control module must be disconnected.

### Fuse

The Reverse Parking Aid is protected by a 5 Amp fuse which is located in the Luggage Compartment Fuse Box – fuse F3.

This fuse also protects the audio system.

## Key-ring Transmitter

(Refer to page 2-2 in Driver's Handbook)

The Security System is controlled remotely by a battery operated radio frequency transmitter fitted on the key-ring. The transmitter uses a random encrypted fixed and rolling code each time the system is used. This provides billions of combinations and ensures that the code cannot be copied.

Each of the two transmitters supplied is designed to be attached to the driver's key-ring.

The key-ring transmitter is activated by pointing it towards the vehicle and pressing one of the four operating buttons.

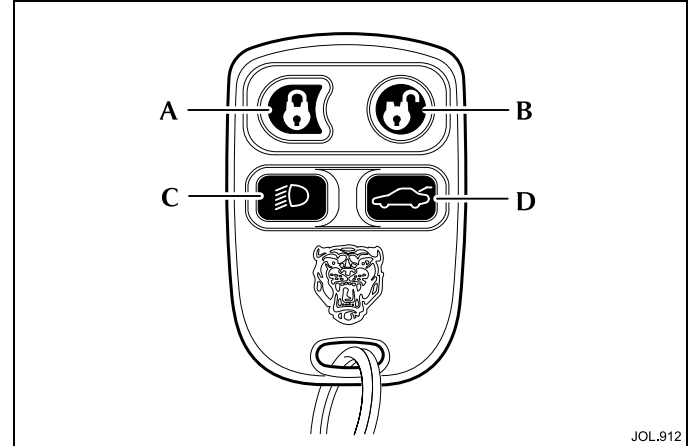
- A. Locks and arms the vehicle.
- B. Unlocks and disarms the vehicle.
- C. One press switches on headlamps for 25 seconds. Three presses starts the Panic Alarm.
- D. Releases luggage compartment lock.

### Care of Key-ring Transmitter

The key-ring transmitter must be treated with care and not exposed to extremes of heat, dust, humidity or be in contact with fluids. The battery is the only serviceable part.

### Key-ring Transmitter Loss

If a transmitter is lost or stolen it is advisable to contact your Dealer, without delay, to have the remaining transmitter reprogrammed to prevent anyone from using the lost transmitter. A new key-ring transmitter can be obtained from your Jaguar Dealer, who will ask for proof of vehicle ownership.



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### Key-ring Transmitter Operation

The key-ring transmitter will not operate if the key is in the ignition.

The security system will not arm if the key is in the ignition switch or if any protected entry is open.

**Caution:** The key-ring transmitter may suffer interference from other legal users of this radio frequency band, such as radio amateurs, medical equipment, remote controls or alarm systems. To lock or unlock the vehicle, either use a key or operate the key-ring transmitter as close as possible to the security antenna on the rear screen.

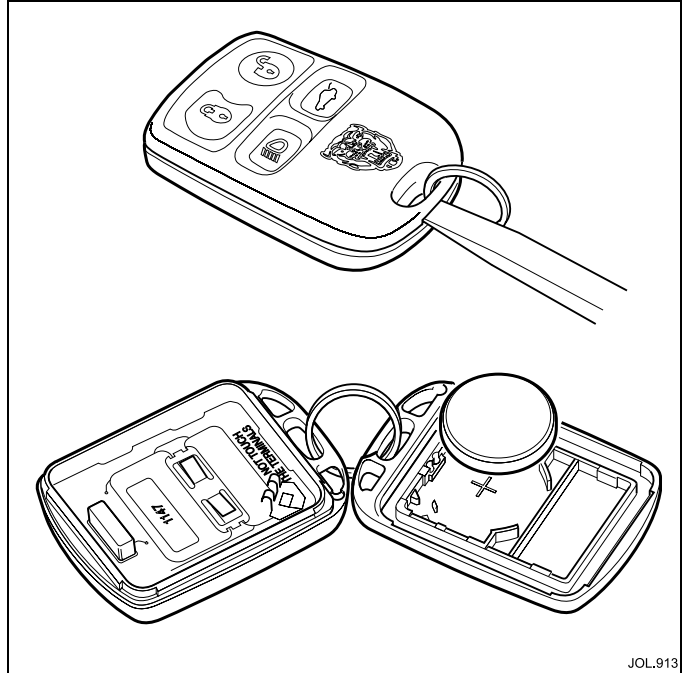
## Key-ring Transmitter Battery Renewal

(Refer to page 2-3 in Driver's Handbook)

To ensure that the key-ring transmitter operates at its full capacity, use a CR 2032 battery. When there is a significant decrease in the effective range of the key-ring transmitter, renew the battery.

**Caution:** To avoid disrupting the coding of the key-ring transmitter during battery renewal, the operating buttons must not be pressed. If the code is disrupted, it will be necessary to have your Jaguar Dealer reprogramme the key-ring transmitters.

To renew the battery, insert a slim blade into the gap in the casing and prise apart, exposing the disc battery cell. Fit the new battery with the side marked with the positive symbol (+) facing into the battery receptacle. Refit the battery cover and click into place with thumb pressure.



## Key-ring Transmitter Operation – Button Functions

(Refer to page 2-4 in Driver's Handbook)

### Button A (Locks and arms)

**First press (if vehicle is unlocked and disarmed):** Locks all doors, the luggage compartment and sets the perimeter alarm system. The direction indicators will flash once whilst locking and arming occurs. The red security system warning light in the gear selector panel will start to flash and will continue flashing while the vehicle is armed.

**Second press (within 3 seconds of first press):** Deadlocks all doors and sets peripheral alarm systems, for example, ultrasonics, the tilt sensing mechanism etc. depending on market variations. Once deadlocking is complete, one signal will be heard and the direction indicators will give one long flash.

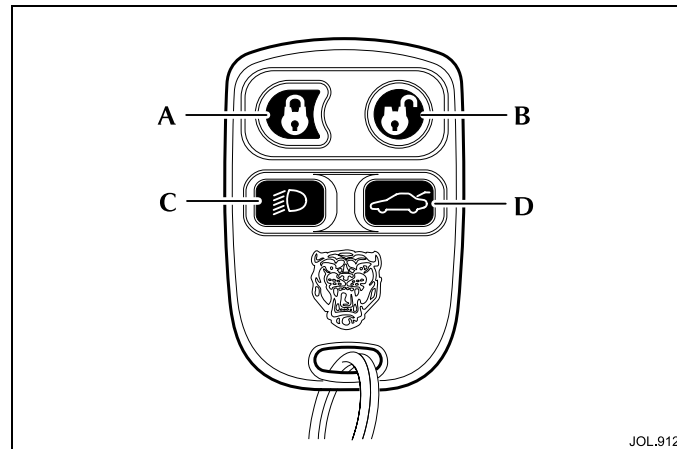


**WARNING:**

**Deadlocking should not be used when persons or animals are inside the vehicle.**

### Button B (Unlocks and disarms)

**One press (if locked and armed):** Unlocks all doors and the luggage compartment. Disarms security system alarm and switches on interior lights for 2 minutes at  $\frac{3}{4}$  brightness. It also cancels the luggage compartment valet lock-out, if set. The direction indicators will flash twice and two sounds will be heard as the vehicle is unlocked and disarmed.



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### Button C

**One press:** Switches on headlamps. The headlamps will remain on for 25 seconds, or until the key is inserted in the ignition switch and turned to position 'II', or if the button is pressed again.

**Three presses within 3 seconds:** Starts Panic Alarm (where fitted).

### Button D

**One press:** Releases luggage compartment lock.

## Automatic Transmission

(Refer to page 3-18 in Driver's Handbook)

### Shift Inhibit

Upshifts are NOT inhibited when cornering at high speed.

The selection of reverse is inhibited when the vehicle is moving forwards, above walking pace.

**Note:** On supercharged vehicles, reverse gear is slightly higher with Normal mode selected than Sport mode. When reversing in slippery conditions it may, therefore, be helpful to select Normal mode.

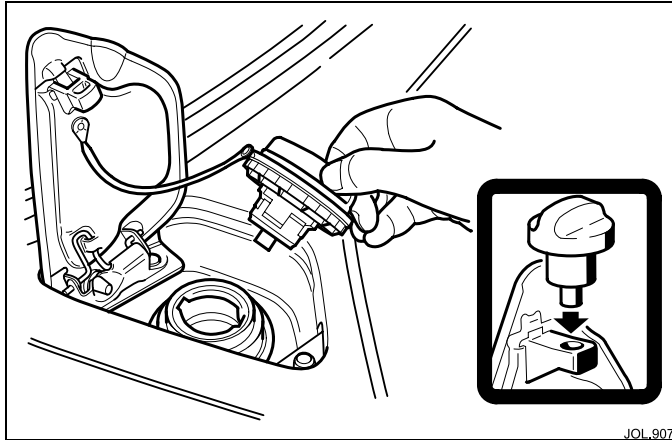
## Window Operation

(Refer to page 3-29 in Driver's Handbook)

Operation of the windows is possible for approximately ten minutes after the ignition has been switched off, unless either front door is opened within this ten minute period.

Should either front door already be open when the ignition is switched off, then any operation of the windows will be inhibited immediately. The global locking facility will remain functional.





## Fuel Filler Flap and Tethered Cap

(Refer to page 4-11 in Driver's Handbook)

A redesigned fuel cap is now used, which is tethered to the fuel filler flap.

The fuel filler is on the left-hand side of the vehicle.

Ensure that the doors are unlocked. Lift the filler flap fully up.

Turn the filler cap anti-clockwise and remove. Place the cap in the storage provided on the filler flap.

After refuelling, refit the filler cap and close the flap. The flap locks when the vehicle is locked by using the key or key-ring transmitter.

## Child Safety

Refer to all of the WARNINGS given on Pages 4-20 and 4-22 of the Driver's Handbook. The following instructions are provided as an addition to those pages and not as an alternative.

### LATCH Child Restraints

Lower Anchors and Tethers for Children.

LATCH (also known as ISOfix) is a universal anchorage system which allows the child seat to be secured directly and easily to the vehicle body without the use of the adult seat belts. Many injuries to children in accidents are caused by the incorrect fitting and tensioning of the adult seatbelts which are normally used to restrain the child seat. The LATCH system reduces the likelihood of incorrect fitting and is quicker and simpler to use.

The LATCH restraint system uses two metal anchorage loops for each seat (two seats may be fitted) fixed to the vehicle body behind the rear seat. The child seat, which must be specifically designed for LATCH fitting, is clipped onto the metal loops via either, rigid extendable rails or flexible tether straps. A quick release mechanism is usually incorporated to allow easy removal of the seat.

The vehicle has been designed to accept the anchorage loops, which if required, must be fitted as an accessory by a Jaguar Dealer.

Child seats using the LATCH system must also be secured with a top tether.

Removable plastic guides need to be fitted around the anchorage loops to hold back the upholstery and facilitate fitting of the child seat. The guides are available from Jaguar Dealers.

### Fitting The Plastic Guides

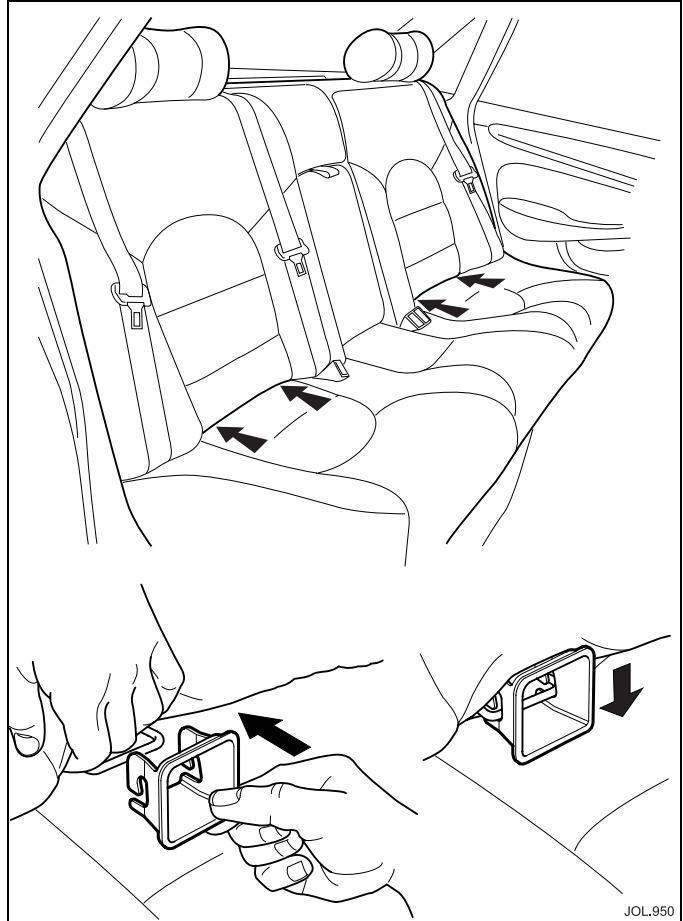
The seat anchorage metal loops are fitted to the metal panel immediately behind the rear seats, in the gap between the seat cushion and seat back.

Carefully, with one hand, separate the gap between the seat cushion and seat back to expose one anchorage. Insert the plastic guide into the gap so that it locates onto the anchorage loop, push the insert fully rearwards until a stop is felt, then rotate the rear of the insert downwards to lock it in place on the anchorage loop.

Repeat the procedure for the second guide, and for the second pair of guides if two LATCH seats are to be fitted.

If correctly fitted, the guides will normally remain in place when the child seat is removed.

When necessary, the guides can be removed by reversing the above procedure.



## LATCH Seats

**Caution:** Ensure that the child seat has been certified for universal fitting. When fitting a LATCH child seat, the seat manufacturers instructions must always be followed. The following descriptions are to be considered only as a guide.

**Rigid Lower Attachment A** – Operate the mechanism on the seat to extend the two lower fixing bars. Align the rear of the fixing bars to the two LATCH loops accessible through the plastic guides, which were fitted previously, between the vehicle rear seat cushion and seat back. Push the seat assembly rearwards; when the bar engages in the slot, a trigger will be operated which locks the attachment bars onto the loops.

Slide the seat rearwards along the bars until it is locked firmly against the vehicle seat back. Confirm that it is securely locked in position.

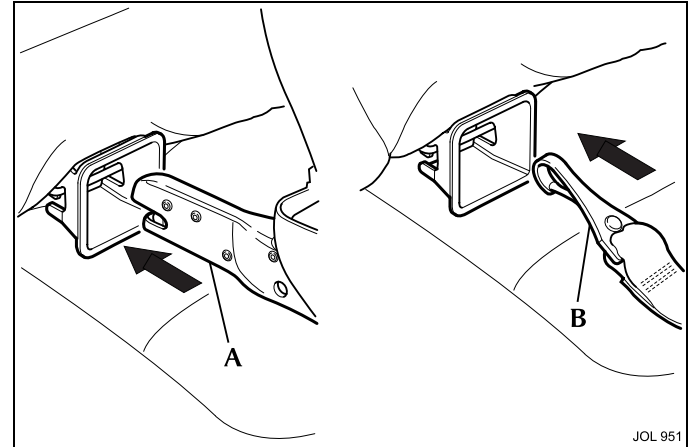
**Flexible Lower Attachment B** – Clip the flexible lower fixing straps to the two LATCH loops accessible through the plastic guides, which were fitted previously, between the vehicle rear seat cushion and seat back.

Adjust the length of each strap until the seat is held firmly against the vehicle seat back. Confirm that it is held securely in position.



### WARNING:

**Do not attempt to install a LATCH child seat with flexible lower attachments in the vehicle centre seat position. The anchorage loops are only provided to install a compatible child seat in the vehicle outboard seat positions.**



**Child Seat Top Tether** – The top tethers are a standard fit (refer to Section 4) and are used in combination with the lower tethers to secure the seat. The top of the seat is connected by a short strap to the top tether to prevent any tendency of the seat to rotate about the lower anchorages.

Connect the top tether to the child seat (if it is not part of the seat) and pass it under the vehicle rear head restraint to connect to the fixed tether bracket on the parcel shelf. Adjust the length of the top tether strap to hold the top of the child seat against the vehicle seat back.

## HomeLink® Universal Transceiver

### Replaces Garage Door Opener (GDO) on page 4-24

The HomeLink universal transceiver is fitted in the roof console. HomeLink can be programmed to transmit the radio frequencies of up to four different transmitters used to activate garage doors, gates, home lighting, security systems, or other radio frequency operated devices.

For further information or if you require assistance please contact your Jaguar Dealer or

HomeLink  
telephone: 1-800-355-3515 or on the internet at  
[www.HomeLink.jci.com](http://www.HomeLink.jci.com).

### Compatible Accessories

If you would like additional information on the HomeLink universal transceiver, compatible products or to purchase other accessories such as the HomeLink lighting package, contact your Jaguar Dealer or HomeLink, as above.



### WARNING:

- 1. Do not use the HomeLink universal transceiver with any garage door opener that lacks the safety stop and reverse feature as required by federal safety standards. (This includes any garage door opener model manufactured before April 1, 1982.) A garage door opener which cannot detect an object, signalling the door to stop and reverse, does not meet current federal safety standards. Using a garage door opener without these features increases risk of serious injury or death.**
- 2. When programming the HomeLink universal transceiver to a garage door opener or entry gate, make sure that people, the vehicle and objects are out of the way to prevent potential harm or damage as the gate or garage door will activate during the programme.**

## Programming the Universal Transceiver

1. Switch off the engine.
2. Press and hold the two outermost HomeLink buttons, releasing when the indicator light begins to flash (after 20 seconds).  
Do not repeat this step when programming the remaining buttons.
3. Hold the end of the hand-held transmitter of the device you wish to operate, approximately one to three inches away from the chosen HomeLink button, keeping the indicator light of the universal transceiver in view.
4. Using both hands, simultaneously push the hand-held transmitter button and the chosen HomeLink button. Do not release the buttons until step 5 has been completed.

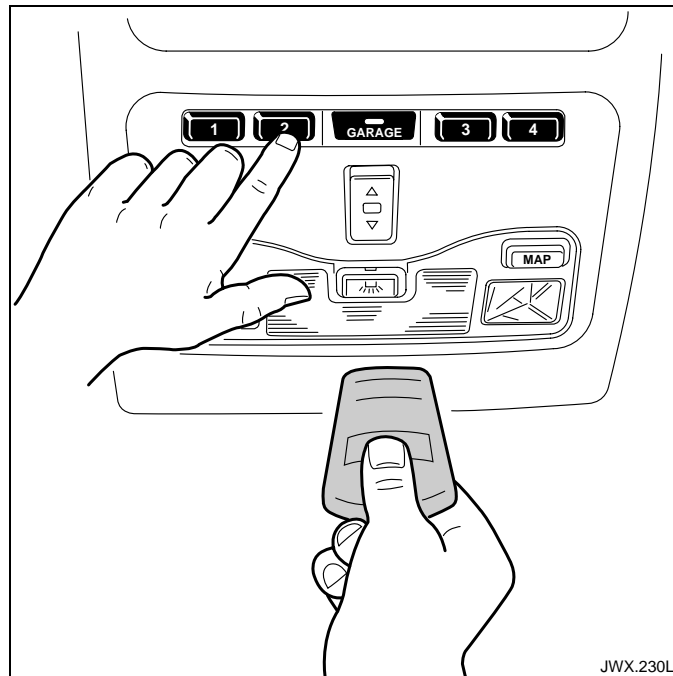
**Note:** Some entry gates and garage door openers may require you to replace step 4 with the procedures shown in the 'Canadian Programming' section on the following pages.

5. The HomeLink indicator light will flash, first slowly and then rapidly. When the indicator light flashes rapidly, release both buttons. The rapid flashing light indicates that programming is successful.

If you are programming a device which uses a rolling code, continue with the procedures outlined in 'Rolling Code Programming'.

To programme the remaining buttons, follow steps 3 through 5.

Your device should now operate by pressing and releasing the programmed HomeLink button. If the device does not operate you may need to complete the steps outlined in 'Rolling Code Programming' or call 1-800-355-3515 for assistance.



### Rolling Code Programming

Garage door openers or other devices which use rolling code encryption, may be 'code protected'. A code protected device may be identified as follows:

- refer to the owner's instruction manual of the device for verification.
- if the hand-held transmitter appears to programme the HomeLink universal transceiver, but the transceiver does not activate the garage door.
- press and hold the trained HomeLink button. The device has the rolling code feature if the HomeLink indicator light flashes rapidly and then remains on after two seconds.

To train a garage door opener or other device with the rolling code feature, follow these steps after completing the instructions in 'Programming the Universal Transceiver' described previously.

**Note:** The aid of a second person may make the following training procedures quicker and easier.

1. Locate the 'learn' or 'smart' button on the garage door opener motor head unit. Exact name, location and colour of the button may vary between garage door opener brands. If there is difficulty in locating this button, refer to the garage door opener instruction manual or contact HomeLink.
2. Firmly press and release the 'learn button' on the garage door opener motor head unit.

**Note:** Following step 2 there are 30 seconds in which to initiate step 3.

3. Firmly press and release the HomeLink button on the roof console. Press and release the HomeLink button a second time to complete the training process. Some garage door openers may require you to do this step a third time to complete the training.

The device should now recognise the HomeLink signal and activate when the HomeLink button is pressed. The remaining buttons may now be programmed if this has not been done previously.

### Canadian Programming

Canadian frequency laws and the technology of some entry gates require you to cycle (press and re-press the hand-held transmitter button every two seconds) during programming.

Continue to press and hold the desired HomeLink button (note steps 3 through 5 in the section 'Programming the Universal Transceiver') while you cycle your hand-held transmitter until the training is completed. The indicator light will flash slowly and then rapidly upon successful training.

**Note:** It is advisable to unplug a garage door opener or entry gate during the cycle process, to prevent the motor from overheating.

To operate, simply press the programmed HomeLink button. Activation will now occur for the trained product (garage door, security system, entry door lock, estate gate or home or office lighting). For convenience, the hand-held transmitter for the device may be used at any time.

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### Reprogramming a HomeLink Button

To programme a device to HomeLink using a button previously trained, follow these steps:

1. Press and hold the desired HomeLink button. Do not release until step 4 has been completed.
2. When the indicator light begins to flash slowly (after 20 seconds), position the hand-held transmitter 1 to 3 inches away from the HomeLink surface.
3. Press and hold the hand-held transmitter button.
4. The HomeLink indicator light will flash, first slowly and then rapidly. When the indicator light begins to flash rapidly, release both buttons.

The previous device has now been erased and the new device can be activated by pushing the HomeLink button that has just been programmed. This procedure will not affect any other programmed HomeLink buttons.

### Erasing Programmed HomeLink Buttons

Individual buttons cannot be erased, however, to erase all programmed buttons:

1. Press and hold the two outermost buttons until the indicator light begins to flash after 20 seconds.
2. Release both buttons.

The HomeLink universal transceiver is now in the training, or learning, mode and can be programmed at any time following steps 3 to 5 in 'Programming the Universal Transceiver'.



#### **WARNING:**

**The manufacturer is not responsible for any radio or TV interference caused by unauthorised modifications to this equipment. Such modifications could void the user's authority to operate the equipment.**

## Vehicle Maintenance

The following sections all refer to the Vehicle Care Handbook.

### Safety Precautions

The following warning is added to Section 1.

#### California Proposition 65 Warning



**WARNING:**

**Engine exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.**

## Cleaning

**(Refer to page 2-2 in Vehicle Care Handbook)**

### Alloy Road Wheels

Alloy wheels have an anti-corrosion protective coating, which should not be damaged.

When removing or fitting tyres always advise the tyre fitter to treat the alloy wheels with great care and to only use equipment with spigot or stud hole clamping. The equipment must not have any moving parts which contact the wheel, and tyre levers must not be used.

Wash the wheels at two week intervals to avoid an accumulation of particles which could become embedded in the wheel surface.

In salty conditions the wheels should be cleaned weekly.

The use of Jaguar Vehicle Shampoo is recommended.



## Engine Lubrication System

(Refer to page 3-3 in Vehicle Care Handbook)

This information amends the existing information in Section 3 – **Routine checks**, related to checking the oil level and the engine oil capacity.

### Oil Level

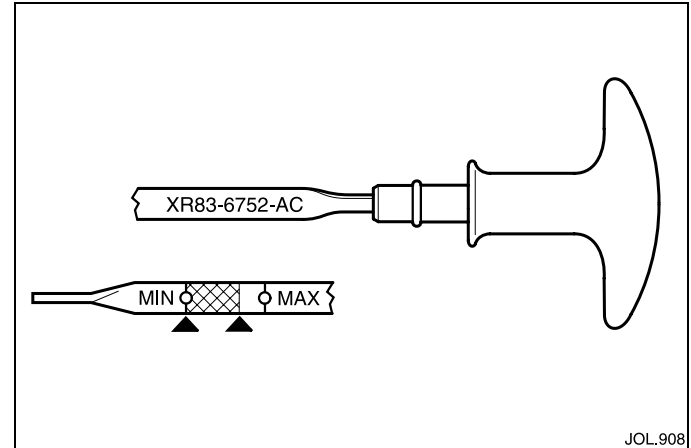
The oil level is correct when it is at the top of the crosshatched section.

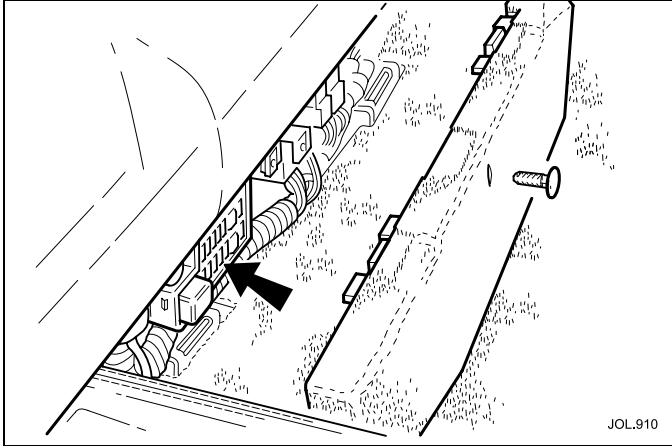
The difference in oil quantity between the lower edge of the crosshatched section (MIN) and the top of the crosshatched section is 1 Litre.

The oil must not be allowed to exceed the MAX level indication. The area between the top of the crosshatched section and the MAX indication is to allow for slight variations of internal volume between different engine castings.

### Oil Capacity

- without oil cooler      7.9 US Quarts / 7.5 Litres.
- with oil cooler        9.0 US Quarts / 8.5 Litres.





## Rear Passenger Compartment Fuse Boxes

(Refer to page 4-15 in Vehicle Care Handbook)

### Removal of the Left or Right Heelboard Trim for Access

The method of fixing the heelboard trim, which covers the fuse boxes, is now identical on both the long wheelbase and standard wheelbase vehicles (page 4-15).

To detach the trim panel, carefully release the centre fixing fir tree fastener and move the lower edge of the panel forward. Release the top edge of the panel from under the seat pan and remove the panel.

To fit the trim panel, locate the top edge of the panel under the seat pan, align the centre fixing fir tree fastener to its mating fixing and move the lower edge of the panel into position. Push the centre fixing fully into place.

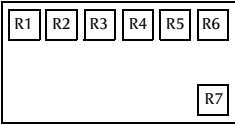
## Luggage Compartment Fuse Box

(Refer to page 4-20 in Vehicle Care Handbook)

Fuse No. 3 (5 amps) now protects the Reverse Parking Aid and the Audio System.



## Relay Identification and Location (continued)

Location	Functions	Case Colour
Engine compartment, engine and transmission control modules compartment, passenger side.	Layout as diagram: R1 HO2 sensor heaters. R2 Starter solenoid. R3 Throttle motor. R4 Ignition coil. R5 Air conditioning compressor clutch. R6 Fuel injection (size ½ ISO). R7 Intercooler water pump (SC only) (size ½ ISO). 	Brown Brown Brown Brown Brown Black Black
Engine compartment, left-hand side, engine management fuse box	Engine management system control.	Brown
Engine compartment, left-hand side behind the radiator.	Wiper on/off. Wiper fast/slow.	Black Black
Engine compartment, centrally at bulkhead.	Front screen heater – right-hand side (where fitted). Front screen heater – left-hand side (where fitted).	Black Black
Engine compartment, left-hand side, below the brake modulator under spoiler.	Radiator fan control module.	Black

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## **United States Department of Transportation/ Uniform Tyre Quality Grades**

**(Refer to page 5-5 in Vehicle Care Handbook)**

Tyre traction grade AA is now added to grades A, B and C (page 5-5) and is the highest traction grade available.

## **Battery**

**(Refer to pages 5-6 to 5-8 in Vehicle Care Handbook)**

In accordance with California Proposition 65, the following warning is applicable to battery maintenance and handling.



**WARNING:**

**Battery posts, terminals and related accessories contain lead and lead compounds. Wash hands after handling.**

## **Sun Visor Vanity Mirror Light – Bulb Renewal**

**(Refer to page 5-15 in Vehicle Care Handbook)**

The bulb replacement procedure described on page 5-15 is no longer relevant because a modified sunvisor is now supplied.

The bulb (2000 hour life) is not replaceable. Disregard the specification given in the Bulb Chart on page 5-18.

## Vehicle Data

<b>Engine</b>	<b>4.0 litre normally aspirated</b>	<b>4.0 litre supercharged</b>
Type.....	V8, dual overhead camshafts 4 valves/cylinder.	V8, dual overhead camshafts 4 valves/cylinder.
Capacity.....	244 inch <sup>3</sup> (3996 cm <sup>3</sup> )	244 inch <sup>3</sup> (3996 cm <sup>3</sup> )
Bore.....	3.386 inch (86 mm)	3.386 inch (86 mm)
Stroke .....	3.386 inch (86 mm)	3.386 inch (86 mm)
Firing order: 1A and 1B cylinders at front of engine.....	1A, 1B, 4A, 2A, 2B, 3A, 3B, 4B	1A, 1B, 4A, 2A, 2B, 3A, 3B, 4B
Compression ratio .....	10.75 : 1	8.9 : 1
Spark plugs (unleaded fuel):		
– Type.....	NGK PFR5G–11E	NGK PFR5G–11E
– Electrode gap.....	0.04 – 0.043 inch (1.0 – 1.1 mm)	0.04 – 0.043 inch (1.0 – 1.1 mm)
Spark plugs (leaded fuel):		
– Type.....	NGK BKR5E–11	NGK BKR5E–11
– Electrode gap.....	0.04 inch (1.0 mm)	0.04 inch (1.0 mm)
 <b>Transmission</b>		
Type – Automatic.....	5 Speed	5 Speed
Final drive type .....	GKN 14HU On centre line differential	GKN 14HU On centre line differential

## Weights (Average/Approximate)

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

	XJ8 (Standard Wheelbase)		XJ8-L (Extended Wheelbase)	
	kg	lb	kg	lb
Kerb weight . . . . .	1789	3945	1810	3990
Front axle kerb weight . . . . .	923	2035	924	2038
Rear axle kerb weight . . . . .	866	1910	885	1952
Gross vehicle weight (G.V.W.) . . . . .	2218	4890	2240	4940
Gross front axle weight . . . . .	1016	2240	1018	2245
Gross rear axle weight . . . . .	1202	2650	1222	2695
Gross combination weight . . . . .	4117	9078	4140	9128

## Weights (Average/Approximate) (continued)

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

	XJR8 supercharged		VDP VDP supercharged	
	kg	lb	kg	lb
Kerb weight . . . . .	1848	4075	1814	4000
Front axle kerb weight . . . . .	960	2117	941	2075
Rear axle kerb weight . . . . .	888	1958	873	1925
Gross vehicle weight (G.V.W.) . . . . .	2270	5005	2245	4950
Gross front axle weight. . . . .	1055	2325	1036	2285
Gross rear axle weight . . . . .	1215	2680	1209	2665
Gross combination weight . . . . .	4169	9193	4144	9138



## Weights (Average/Approximate) (continued)

### Roof-Rack Capacity and Trailer Weights (all Models)

	<b>kg</b>	<b>lb</b>
Roof-rack capacity including weight of rack . . . . .	100	220
Maximum recommended luggage compartment load with four passengers and driver . . . . .	70	154
<p>Note that loads greater than 70kg (154lb) may be carried in the luggage compartment provided the maximum technically permissible axle weights shown on the vehicle Identification plate are not exceeded and the tyres are inflated to the 'normal pressures'.</p>		
Trailer weight:		
Braked (recommended) . . . . .	1500	3307
Braked (maximum recommended) . . . . .	1900	4188
Unbraked (maximum recommended). . . . .	750	1653
Trailer nose load . . . . .	76	167

## Dimensions

	Standard Wheelbase		Extended Wheelbase	
	mm	inch	mm	inch
Overall length . . . . .	5023	197.8	5148	202.7
Overall width including mirrors . . . . .	2078	81.8	2078	81.8
Overall width excluding mirrors. . . . .	1798	70.8	1798	70.8
Overall height (at gross vehicle weight):				
– 3.2 and 4.0 litre with comfort suspension . . . . .	1314	51.7	1333	52.5
– 3.2 and 4.0 litre with sports suspension . . . . .	1307	51.5	1326	52.2
Minimum ground clearance (at gross vehicle weight) . . . .	115	4.5	115	4.5
Wheelbase . . . . .	2870	113.0	2995	117.9
Track:				
Front . . . . .	1500	59.1	1500	59.1
Rear . . . . .	1498	59.0	1498	59.0
Turning circle:				
Kerb to kerb . . . . .	12.10 metre	39 feet 8.4 inches	12.4 metres	40 feet 8.2 inches

## Wheel/Tyre Data

Wheel name	Road wheel size	Tyre type/size
Starburst alloy Crown alloy Corona alloy Lunar alloy	7) x 16	Pirelli P 4000E 225/60 ZR 16 or Pirelli P 6000 225/60 ZR 16 or Continental ECO CP 225/55 R16 W
Solar alloy	7½) x 17	Pirelli P 6000 235/50 ZR 17
Asteroid alloy	8) x 18	Pirelli P Zero 255/40 ZR 18
Milan alloy	8½) x 18	Pirelli P Zero 255/40 ZR 18
Winter wheel alloy		

**Note:** Only 18 inch wheels can be fitted to vehicles which have the 'R-Performance Option' Brembo braking system, although the 18 inch Winter wheel can be fitted to vehicles which are equipped with the standard braking system.

## Wheel/Tyre Data (continued)

### Winter (Snow) Tyres

The tyres fitted as original equipment are designed with a rubber compound, tread pattern and width specially suited for high speeds in normal road conditions, but they are less suitable during extremes of low temperatures, snow and ice. The use of winter tyres will considerably improve the vehicle's handling during these conditions.

It is recommended that only Jaguar approved winter tyres are used.

#### Note:

1. 16 inch wheels and tyres cannot be fitted to the Jaguar XJR or VDP Supercharged (225/55 R 16 or 225/60 R 16).
  2. Only 18 inch wheels can be fitted to vehicles which have the 'R-Performance Option' Brembo braking system.
- Tyre type/size.   Pirelli Winter 210  
                          225/55 R 16 or:  
                          225/60 R 16 or:  
                          235/50 R 17 or:  
                          255/40 R 18  
  
                          Continental ContiWinterContact  
                          225/55 R 16 95H or  
                          225/60 R 16 98H

**Caution: Tyre directional indicators must be rotating in a clockwise direction when viewed from the right-hand side of the vehicle, and anti-clockwise when viewed from the left-hand side of the vehicle.**

Do not exceed 130 mph (210 km/h) when using Jaguar approved winter tyres.

Winter tyres must be used in vehicle sets, that is, fitted on all four wheels.

For information on snow chains, or a 'Spikes Spider' accessory, see page 5-4.

## Recommended Tyre Pressures

Tyres must be inflated to the following cold inflation pressures:

		Maximum comfort – Speeds up to 160 km/h (100 mph)	Normal Pressures
16, 17 and 18 Inch Wheels/Tyres	Front	26 lbf/in <sup>2</sup> , (180 kPa 1,8 kg/cm <sup>2</sup> , 1,8 bar)	32 lbf/in <sup>2</sup> , (220 kPa 2,24 kg/cm <sup>2</sup> , 2,2 bar)
	Rear	28 lbf/in <sup>2</sup> , (190 kPa 2,0 kg/cm <sup>2</sup> , 1,9 bar)	34 lbf/in <sup>2</sup> , (230 kPa 2,4 kg/cm <sup>2</sup> , 2,3 bar)

**Note:** Certain alloy wheels have a valve cover on the wheel face.  
To access the valve, see Section 3 'Routine checks'.

### Tyres without Jaguar approval

Tyres other than those recommended must be inflated to the following cold inflation pressure (front and rear):

44 lbf/in<sup>2</sup>, (300 kPa, 3,1 kg/cm<sup>2</sup>, 3,0 bar)

When using non-Jaguar approved winter tyres, inflate to the above recommended tyre pressure and do not exceed the speed capability of the tyre.





