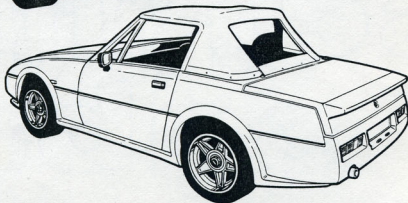
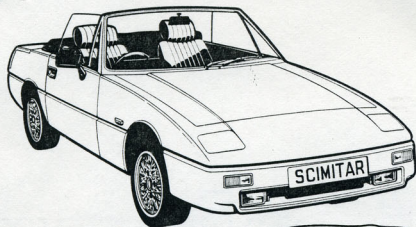


# scimitar sabre

**Owner's Handbook  
Vehicle Amendment Supplement**

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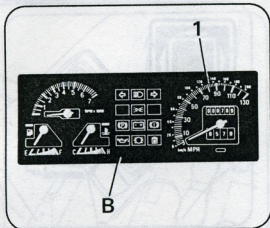
# Vehicle Amendment Supplement



This separate vehicle amendment supplement covers alterations and specification changes on the introduction of the Scimitar 1400, 1800Ti and Sabre models and should be read in conjunction with the Owner's Handbook provided with each vehicle.

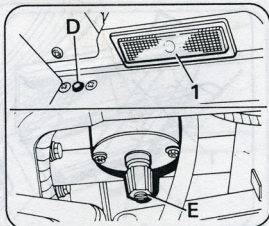
The descriptions and illustrations appearing in this supplement are applicable to vehicles manufactured at the time of printing. The manufacturer therefore reserves the right - while retaining basic features of the models herein described and illustrated - to make at any time and without necessarily bringing this supplement up to date, any alterations to units, parts or accessories deemed convenient for improvement or commercial reasons.

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## Instruments and controls-Page 6

The instrument panel **B** is now used on Scimitar 1400, 1800Ti and Sabre models. The graduations on the speedometer **1** read 0-130m.p.h. The k.p.h. readings are now on the outside of the graduations.

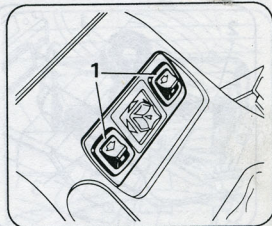


## Headlamp lift motor overload switch - Page 9

The overload switch **D** is now located below and adjacent to the drivers interior lamp **1**. Follow the existing instructions to restore the electrical supply to the lift-motors.

## Headlamp lift motor manual control

The manual control facility **E** for the headlamp lift motor operates as before but the horn location and wiring connections shown in the handbook have been moved forward to the chassis bulk head.



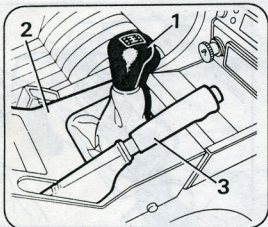
## Electrically operated window switch (where fitted) - Page 10

A new switch panel, housing the electric window switches **1**, is fitted to the front face of the glove compartment. Follow the existing instructions to operate the windows.

## Manual choke control - Page 11

The manual choke control is fitted on the Scimitar 1400 model only. Follow the text on page 11 and 21 for operating instructions, 1300 models.

# Vehicle amendments



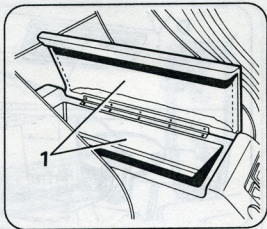
## Gear change lever - Page 13

The gear change lever 1 is now mounted in the extension of the glove box moulding 2 on the centre of the transmission tunnel. 5 speed transmission is used on all models.

When selecting reverse gear on the Scimitar 1400 refer to the existing text on 1600 models.

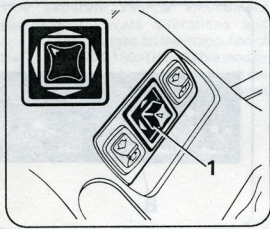
## Handbrake

The handbrake 3 is located alongside the gear lever and operates through an aperture in the glove box moulding.



## Centre arm rest/glove box - Page 15

The lid 1 of the centre arm rest/glove box is side hinged as shown above and is fitted on all models.



## Electrically operated door mirrors (where fitted) - Page 15

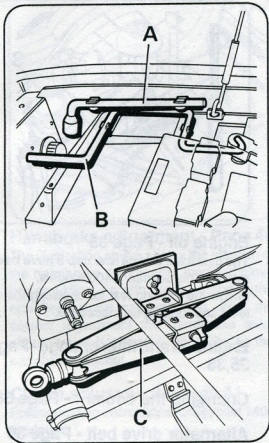
With the ignition switched on, the electric door mirrors may be adjusted using the '6 way' switch 1 located between the window lift switches on the front face of the centre arm rest/glove box.

Turn the rocker switch to the right (see inset) and move up, down, or sideways to adjust the right hand mirror.

Turn the switch to the left to adjust the left hand mirror in a similar way.

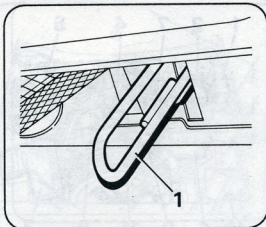
## Soft top hood - Page 18,19,20

The quarterlights of the soft top hood have been deleted on all models.



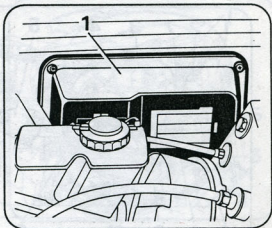
## Changing a wheel - Page 25

The wheel nut brace **A** and jack handle **B** have been repositioned in the engine compartment on the R.H. wheel arch. The jack **C** is now mounted to the chassis cross member forward of the spare wheel.



## Towing - Page 26

The tow hook **1** is now secured to the chassis below the auxiliary driving lamp. It is not necessary to remove the front number plate as on previous models.



## Fuses and relays - Page 27

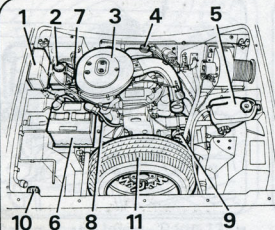
The fuse box **1** is mounted on the vertical face of the front wing within the engine compartment and contains all fuses and the main relays. The circuits protected and controlled by the fuses are identified by a label on the plastic cover and are identical to previous models.

To gain access to the fuse box first remove two retaining screws and detach fuse box cover.

## Fault finding chart - Page 28,29

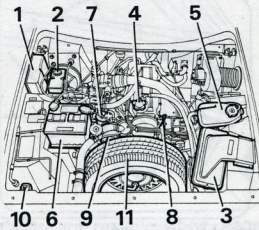
Spark plugs, manual choke and carburettor references apply to scimitar 1400 models only.

# Vehicle amendments



**Scimitar 1400**

- 1 Fuse box.
- ★ 2 Brake fluid reservoir/level.
- 3 Air cleaner.
- ★ 4 Engine oil filler.
- ★ 5 Engine coolant reservoir/level.
- 6 Battery.



**Scimitar 1800Ti and Sabre**

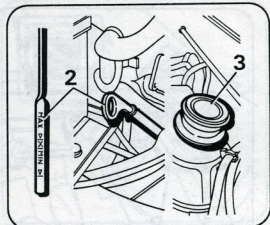
- 7 Oil filter.
- ★ 8 Engine oil dipstick/level.
- 9 Alternator.
- ★ 10 Windscreen washer reservoir/level.
- ★ 11 Spare wheel/tyre tread.

## Routine servicing - Page 32

The illustrations above identify and locate the major components within the engine compartment of Scimitar 1400, 1800Ti and Sabre models. Note carefully the changes from previous models. Components preceded with ★ are items that should be checked weekly. Daily checks are shown on the back cover of the Owner's Handbook.

## WARNING:

For your own safety you should only carry out checks in the engine compartment with the ignition turned off except where otherwise stated. While the engine is running you should take extreme care to avoid moving parts, particularly with loose clothing.



## Engine oil - Page 35

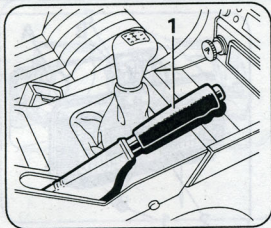
The dipstick 2 and oil filler cap 3 have been modified on Scimitar 1400 models. Follow the existing text for checking the oil level and topping up procedure.

## Engine oil and filter change - Page 35,36

## Changing the coolant - Page 38

## Alternator drive belt - Page 39

For above procedures on Scimitar 1400 follow existing instructions as for 1300/1600 models.

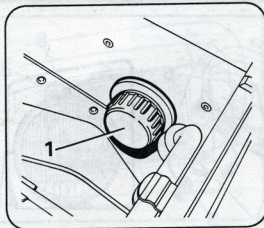


## Handbrake adjustment - Page 40

The illustration above shows the location of the handbrake 1 within the modified glove box moulding. As with previous models the rear brakes are self adjusting. With the correct adjustment the handbrake lever should travel between 4-6 notches on the handbrake ratchet.

## Clutch adjustment - Page 41

Follow existing instructions for Scimitar 1400 models.



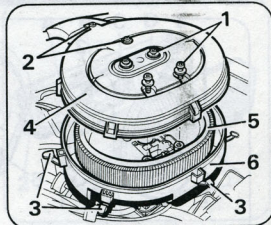
## Windscreen washer reservoir - Page 41

The windscreen washer reservoir is now located on the right-hand side behind the front face of the engine compartment. Remove the reservoir cap 1 from within the engine compartment and top up with a mixture of clear water and screen washer additive to the neck of the reservoir.

## Windscreen wiper blade - Page 41

A single windscreen wiper is now fitted on all models.

Follow existing instructions to replace the wiper blade.



## Air cleaner element - Page 42

The illustration above shows the air cleaner assembly fitted to Scimitar 1400 models. The air cleaner element should be replaced at the intervals specified in the existing service schedule.

Remove four screws 1 retaining the air cleaner assembly to the carburettor.

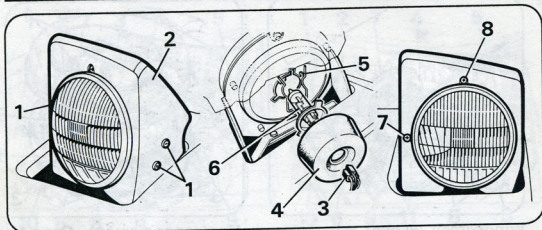
Remove two screws 2 retaining top cover to base and air intake.

Release spring clips 3 and remove air cleaner top cover 4.

Lift out the element 5, discard it, and thoroughly clean the air cleaner housing 6.

Fit a new element, replace cover and resecure complete air cleaner assembly with spring clips and screws.

# Vehicle amendments



## Bulb replacement Headlamps - Page 45

To replace a headlamp bulb:

Switch the ignition on and raise the headlamp.

Disconnect the battery, the headlamp will stay in the raised position.

Remove three screws 1, detach headlamp cover 2 and lift up polythene protective sheet.

Disconnect the plug 3 and remove rubber protective gaiter 4.

Release the spring clip 5 and withdraw the bulb unit 6 from the headlamp reflector.

**CAUTION:** Hold the new bulb unit with a clean cloth to prevent finger contact with the glass.

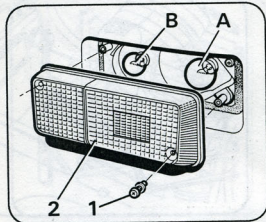
If the bulb has been touched it should be wiped clean with methylated spirits.

Refit spring clip, rubber gaiter, wiring plug and fold back polythene protective sheet. Refit headlamp cover, reconnect battery and check operation of new headlamp bulb. Lower headlamps and switch off ignition.

## Headlamp adjustment

Raise headlamps and set on main beam. Lateral adjustment is made with the lower screw 7, vertical adjustment by the top screw 8.

After making adjustments yourself have the beam adjustments checked by your Dealer who will have special beam setting equipment.



## Front indicator/side lamps - Page 45

To replace a bulb:

Remove two retaining screws 1 and withdraw indicator/side lamp lens 2.

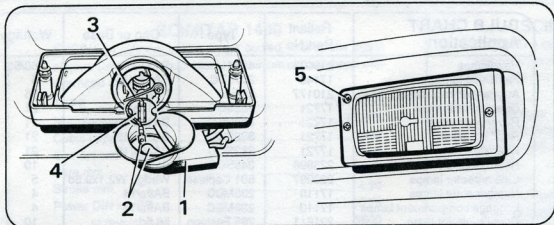
Replace relevant bulb

A Front indicator

B Side lamp

Refit indicator/side lamp lens.





## Auxiliary driving lamp - Page 46

To replace a bulb:

From underneath the front of the vehicle remove the protective rubber gaiter 1 fitted to the base of the driving lamp.

Disconnect the wiring connector 2 from the driving lamp bulb unit.

Release the spring clip 3 and withdraw the bulb unit 4 from the driving lamp reflector.

**CAUTION:** Hold the new bulb unit with a clean cloth to prevent finger contact with the bulb glass.

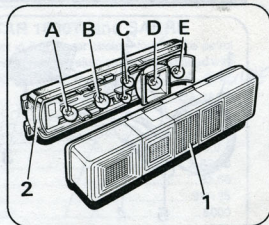
If the bulb has been touched it should be cleaned with methylated spirits.

Refit new bulb, retain with spring clip and reconnect wiring lead.

Refit protective rubber gaiter, ensuring it is stretched completely over the bulb holder base.

## Auxiliary driving lamp adjustment

Vertical adjustment of the driving lamp can be achieved by the screw 5. Screw in to lower the beam; out to raise the beam.



## Rear lights - Page 46

To replace a bulb:

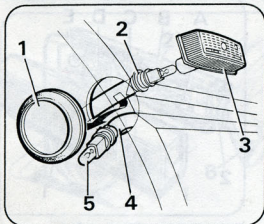
From underneath the vehicle prise out the lens cover 1 from the retaining rubber surround 2. Withdraw the lens from the rear bumper moulding.

Renew relevant bulb.

- A Direction indicator lamp
- B Rear fog lamp
- C Tail lamps
- D Reversing lamp
- E Stop light

Refit the lens cover, pressing firmly into rubber surround ensuring that the lens is securely retained.

# Vehicle amendments



## Side repeater lamp

This lamp is located on the front wings of all models.

To remove a bulb:

Prise the rubber access grommet 1 from front wheel arch.

Using long nose pliers, rotate the bulb holder 2 through 90° and withdraw from repeater lamp 3.

Pull the harness 4 through access hole and remove the bulb 5 from its holder.

Replace in reverse and ensure the rubber access grommet is fitted correctly to prevent access of water etc.

BULB CHART Application	Reliant Part No	Type	Cap or Base	Wattage
Headlamps	219035	472 H4	P43T	60/55
Front side lamps	17148	2075CC	BA15s/14	5
Auxiliary driving lamps	210177	453H3	PK22s	55
Direction indicators	17721	382SCC	BA15s/19	21
Reversing lamps	17721	382SCC	BA15s/19	21
Rear fog lamps	17721	382SCC	BA15s/19	21
Rear stop lamps	17721	382SCC	BA15s/19	21
Rear tail lamps	223996	245SCC	Ba15s	10
Side repeater lamps	223997	501 Capless	Wedge W2.1x9.5d	5
Number plate lamps	17110	233MCC	BA9s/14	4
Luggage compartment lamps	17110	233MCC	BA9s/14	4
Driver's interior lamp	221611	265 Festoon	58.5d	10

## Bodywork - Page 48

The bodywork of all models is made entirely of glass reinforced plastic, which is an inert material completely impervious to rust corrosion. It is highly resistant to damage and upon impact may crack or shatter but the section will retain its original shape.

The repair procedure for small areas of damage is quite simple and can often be undertaken by an owner. However major damage should always be entrusted to your dealer.

## SCIMITAR 1400

**ENGINE:** 4 cylinder in line, water cooled, four stroke petrol engine. Cast iron cylinder block, aluminium cylinder head with overhead camshaft.

<b>TYPE</b> .....	CVH 1400
<b>Manufacturer</b> .....	FORD
<b>Cubic capacity (cc)</b> .....	1392
<b>Compression ratio</b> .....	9.5:1
<b>Bore mm.</b> .....	77.24
<b>Stroke mm.</b> .....	74.30
<b>Power DIN kw/PS</b> .....	55/75
at revs/minute .....	5600
<b>Torque DIN Nm.</b> .....	109
at revs/minute .....	4000
<b>Ignition</b> .....	Electronic

**Lubrication** ..... Crankshaft driven gear type pump

### FUEL SYSTEM

<b>Type</b> .....	Carburettor twin venturi
<b>Choke</b> .....	manual
<b>Fuel pump</b> .....	mechanical
<b>Tank capacity litres</b> .....	45.4
<b>Fuel</b> .....	97 octane

### GEARBOX

<b>Fully synchromesh</b> .....	5 speed
<b>Gear ratios:</b> first .....	3.65:1
second .....	1.97:1
third .....	1.37:1
fourth .....	1:1
fifth .....	0.82:1
reverse .....	3.66:1

## SCIMITAR 1800Ti and SABRE

**ENGINE:** 4 cylinder in line, water cooled, four stroke petrol engine. Cast iron cylinder block, aluminium cylinder head with overhead camshaft.

*512 SILVIA ENGINE*

<b>TYPE</b> .....	CA 18ET
<b>Manufacturer</b> .....	NISSAN
<b>Cubic capacity (cc)</b> .....	1809
<b>Compression ratio</b> .....	8.0:1
<b>Bore mm.</b> .....	83.00
<b>Stroke mm.</b> .....	83.60
<b>Power DIN kw/PS</b> .....	99/135
at revs/minute .....	6000
<b>Torque DIN Nm.</b> .....	191
at revs/minute .....	4000
<b>Ignition</b> .....	Electronic

**Lubrication** ..... Crankshaft driven gear type pump

### FUEL SYSTEM

<b>Type</b> .....	Electronic fuel injection
<b>Choke</b> .....	automatic enrichment
<b>Turbo charger</b> .....	water cooled
<b>Fuel pump</b> .....	electric
<b>Tank capacity litres</b> .....	45.4
<b>Fuel</b> .....	97 octane

### GEARBOX

<b>Fully synchromesh</b> .....	5 speed
<b>Gear ratios:</b> first .....	3.59:1
second .....	2.06:1
third .....	1.36:1
fourth .....	1:1
fifth .....	0.81:1
reverse .....	3.66:1

# Technical specification data

## SCIMITAR 1400

### ROAD WHEELS & TYRES

Wheels .....	5.50x14in. alloy
Tyres .....	185/60R14 steel braced radial ply

### FUEL CONSUMPTION (PRELIMINARY FIGURES ONLY) (L/100km/mpg)

Simulated Urban Driving .....	10.4/27.2
Constant Speed Driving 90kph/56mph .....	7.2/39.5
Constant Speed Driving 120kph/75mph .....	6.9/31.6

### PERFORMANCE (Reliant computed figures)

Acceleration	
0-60mph (seconds) .....	12.7
0-100kph (seconds) .....	13.4
Maximum speed kph/mph .....	160/100

## SCIMITAR 1800Ti and Sabre

### ROAD WHEELS & TYRES

Wheels Scimitar 1800Ti .....	Spoke effect 5.50x14in. alloy
Sabre .....	5 Spoke 6.00x15in alloy
Tyres Scimitar 1800Ti .....	185/60R14 steel braced radial ply
Sabre .....	195/50R15 steel braced radial ply

### FUEL CONSUMPTION (PRELIMINARY FIGURES ONLY) (L/100km/mpg)

Simulated Urban Driving .....	10.8/26.3
Constant Speed Driving 90kph/56mph .....	6.7/42.2
Constant Speed Driving 120kph/75mph .....	8.6/33.0

### PERFORMANCE (Reliant computed figures)

Acceleration	
0-60mph (seconds) .....	7.6
0-100kph (seconds) .....	7.9
Maximum speed kph/mph .....	205/126

## GENERAL INFORMATION

Overall length, mm/in. ....	3886/153	Ground clearance, mm/in. ....	152/6.0
Overall width, mm/in. ....	1582/62.3	Luggage capacity, ltr/cu.ft. ....	190/6.7
Overall height, unladen, soft top, mm/in. ....	1240/48.8	Gross vehicle weight, kg/lbs. ....	1120/2469
Overall height, unladen, hard top, mm/in. ....	1234/48.6	Kerb weight, kg/lbs.* .....	839/1850
Wheel base, mm/in. ....	2133/84	Maximum towing weight, kg/lbs. ....	750/1653
Track front, mm/in. ....	1302/51.25		
rear, mm/in. ....	1321/52		

\* Depending on equipment.

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## ROAD WHEELS

WHEN A CAR HAS ALLOY WHEELS FITTED WITH 195/50 TYRES IT IS IMPORTANT THAT THE WHEELS ARE FITTED SO THAT THE TYRES ROTATE IN THE DIRECTION OF THE ARROWS MARKED ON THE TYRE WHEN THE CAR IS DRIVEN IN THE NORMAL FORWARD DIRECTION. IT IS UNSAFE TO DRIVE THE CAR WITH THE WHEELS ROTATING IN THE WRONG DIRECTION.

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### TEMPORARY SPARE WHEEL

THE CAR CARRIES A TEMPORARY SPARE WHEEL (INSTEAD OF A NORMAL ROADWHEEL) WHICH IS TO BE FITTED AS A "GET YOU HOME" USE ONLY.

WHEN THE TEMPORARY SPARE WHEEL IS FITTED AS A ROADWHEEL, CARE MUST BE TAKEN WHEN DRIVING. THE **MAXIMUM** SPEED OF THE CAR MUST **NOT** EXCEED 50 MPH. THE TYRE PRESSURE SHOULD BE 50 PSI FOR ALL CONDITIONS.

IF ALLOY WHEELS WITH 195/50 TYRES ARE FITTED TO VEHICLE THE ROADWHEEL WILL NOT STOW IN THE SAME PLACE AS THE TEMPORARY SPARE WHEEL SO THE ROADWHEEL REMOVED SHOULD BE PLACED IN THE SPECIAL BAG PROVIDED (TO PROTECT INSIDE OF CAR AND PASSENGERS FROM DIRT ETC) AND PLACED BEHIND THE FRONT SEATS.

THE PUNCTURED TYRE SHOULD BE REPAIRED OR REPLACED AND FITTED BACK ON THE VEHICLE AS SOON AS POSSIBLE.

THE TEMPORARY SPARE CAN THEN BE STOWED IN ITS ORIGINAL PLACE AT THE FRONT BEHIND THE GRILL.