

# Chapter 8

## Bodywork

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### Degrees of difficulty

**Easy**, suitable for novice with little experience



**Fairly easy**, suitable for beginner with some experience



**Fairly difficult**, suitable for competent DIY mechanic



**Difficult**, suitable for experienced DIY mechanic



**Very difficult**, suitable for expert DIY or professional



#### 1 General information

This Chapter covers the procedures necessary to remove and install the bodywork. Since many service and repair operations on these motorcycles require their removal, the procedures are grouped here and referred to from other Chapters.

In the case of damage to the covers, it is usually necessary to remove the broken part and replace it with a new (or used) one. Depending on the extent of damage, plastic parts can be repaired by specialists in plastic welding techniques, or alternatively minor repairs be made using a DIY kit.

When attempting to remove any body panel, first study it closely, noting any fasteners and associated fittings, to be sure of returning everything to its correct place on

installation. Once the evident fasteners have been removed, try to withdraw the panel as described but **DO NOT FORCE IT** – if it will not release, check that all fasteners have been removed and try again. Where a panel engages another by means of tabs, be careful not to break the tab or its mating slot or to damage the paintwork.

When installing a body panel, first study it closely, noting any fasteners and associated fittings removed with it, to be sure of returning everything to its correct place. Check that all fasteners are in good condition, including all trim nuts or clips and damping/rubber mounts; any of these must be replaced if faulty before the panel is reassembled. Check also that all mounting brackets are straight and repair or replace them if necessary before attempting to install the panel. Tighten the fasteners securely, but be careful not to overtighten any of them or the panel may break (not always immediately) due to the uneven stress.

**HAYNES**  
**HiNT**

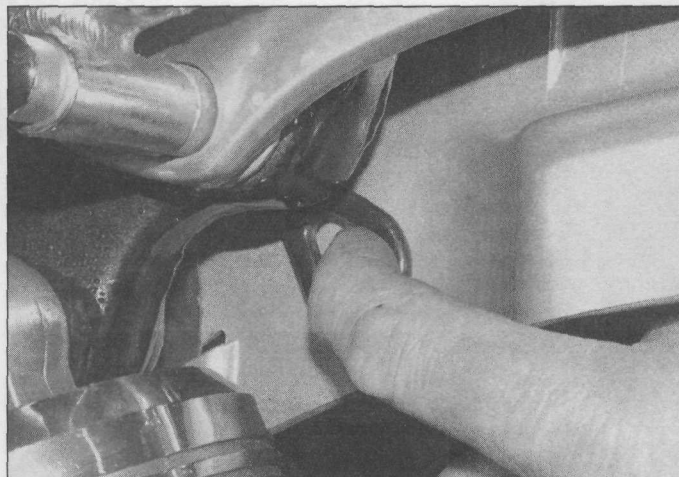
*Note that a small amount of lubricant (liquid soap or similar) applied to any rubber grommets will assist the pegs to engage without the need for undue pressure.*

#### 2 Seats – removal and installation

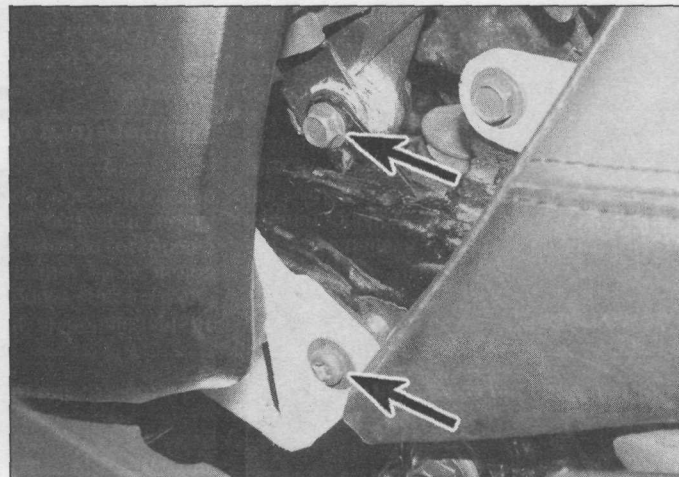


##### Rider's seat

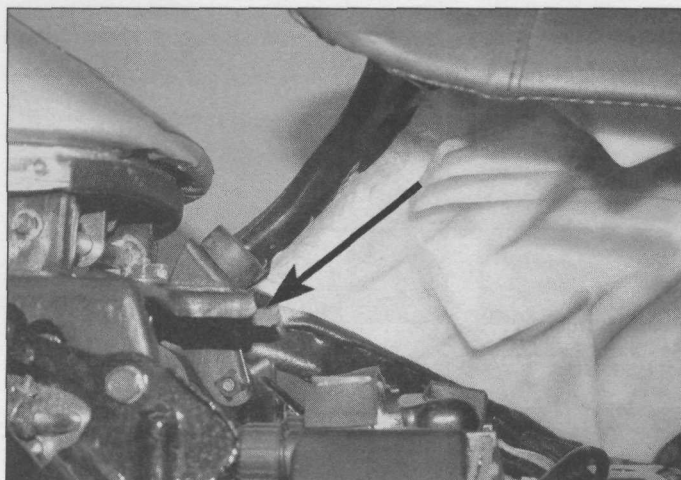
**1** Release the fuel cap cover section by pulling on the ring behind the top of each shock absorber (**see illustration**). Undo the screw and the bolt on each side, then draw the seat back and up and remove it, noting how it locates (**see illustrations**).



2.1a Pull the ring on each side back to release the mid section ...



2.1b ... then undo the screw and bolt (arrowed) on each side and remove the seat



**2.2** Make sure the front tab locates correctly under the bracket (arrowed)



**2.4** Unscrew the bolt (arrowed) on each side and remove the seat

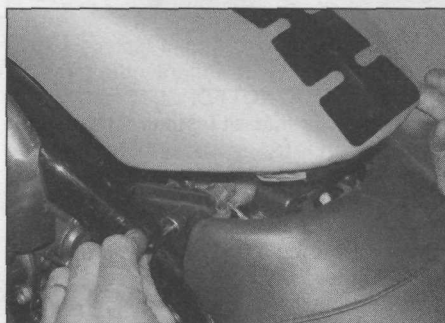


**2.5** Make sure the rear tab locates correctly under the bracket

**2** When installing the seat, make sure the tab at the front locates under the bracket (see illustration).

### Passenger's seat

**3** Release the fuel cap cover section by pulling on the ring behind the top of each



**3.1a** Turn the key to release the cover . . .

shock absorber. (see illustration 2.1a). Remove the toolkit.

**4** Undo the bolt on each side, then draw the seat forward and up and remove it, noting how it locates (see illustration).

**5** When installing the seat, make sure the tab at the back locates under the bracket (see illustration).

## 3 Covers – removal and installation

### Top cover

**1** Insert the ignition key into the lock on the left-hand side and turn it clockwise to release the cover (see illustration). Draw it back and off the air filter housing, noting how the cutouts at the front locate round the rubbers on the frame (see illustration).

**2** Installation is the reverse of removal. Make sure the cut-outs at the front locate round the rubbers, then press the back down to engage the latch (see illustration).

### Side covers

**3** Remove the top cover (see above).

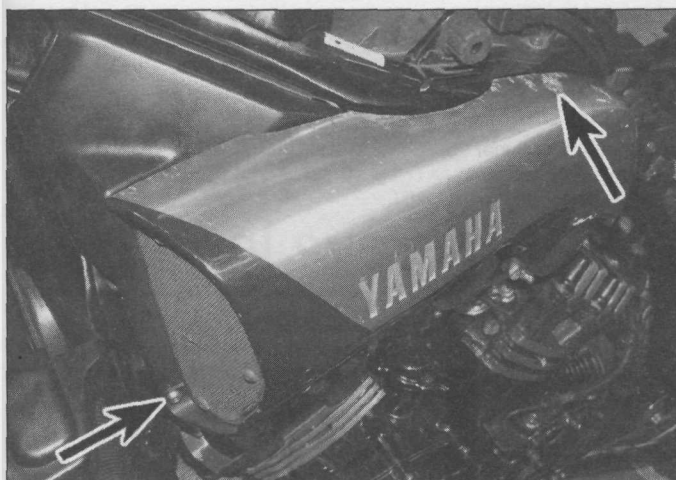
**4** Undo the screw on the top and the screw at the front and remove the cover (see illustrations).



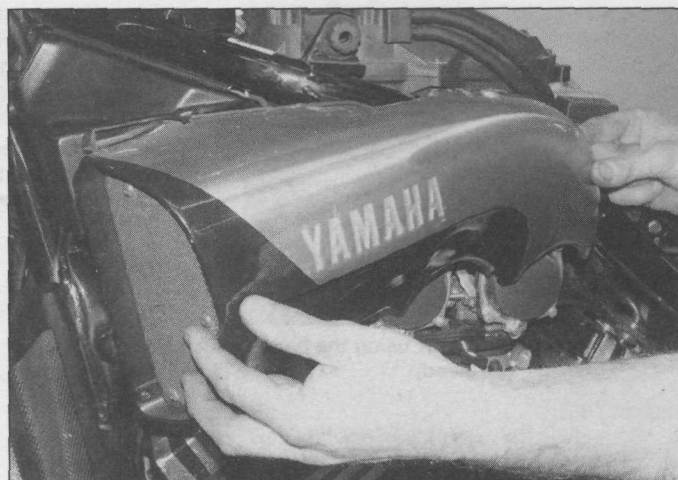
**3.1b** . . . then draw it back and remove it



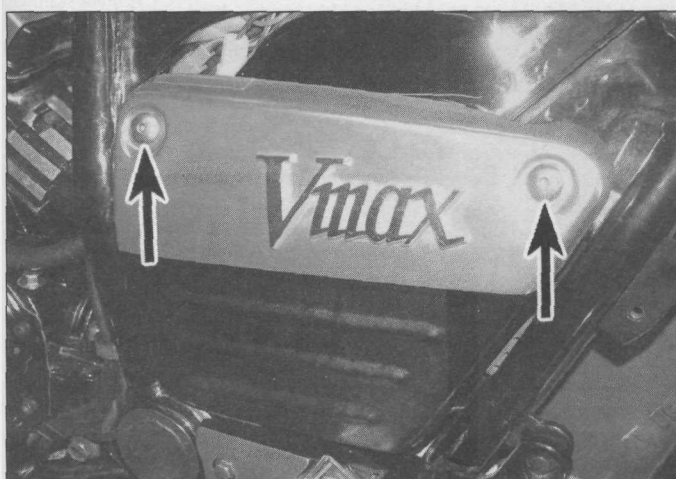
**3.2** Locate the cut-outs over the rubbers



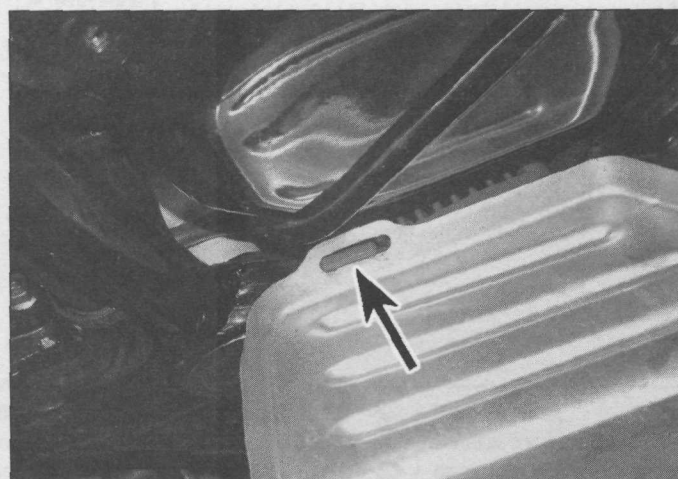
3.4a Undo the screws (arrowed) . . .



3.4b . . . and remove the cover



3.6a Undo the screws (arrowed) . . .



3.6b . . . then lift the panel off the tab (arrowed)

5 Installation is the reverse of removal.

### Side panels

6 Undo the two screws, then lift the panel to free its slot from the tab at the bottom (see illustrations).

7 Installation is the reverse of removal.

### 4 Front mudguard and fork brace – removal and installation



- 1 Remove the front wheel (see Chapter 7).
- 2 Unscrew the four bolts on the underside of

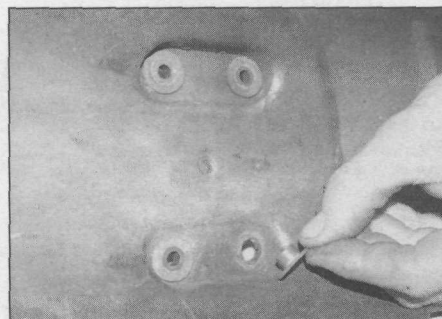
the mudguard and draw it forwards (see illustration). Note the collars (see illustration).

3 Unscrew the four bolts securing the fork brace to the forks and remove it (see illustration).

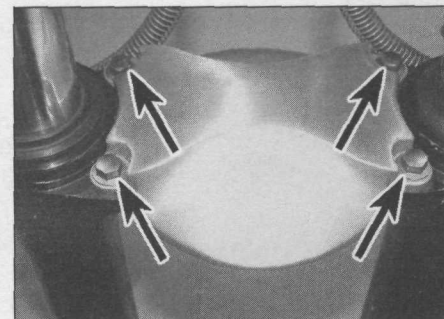
4 Installation is the reverse of removal.



4.2a Unscrew the bolts and remove the mudguard



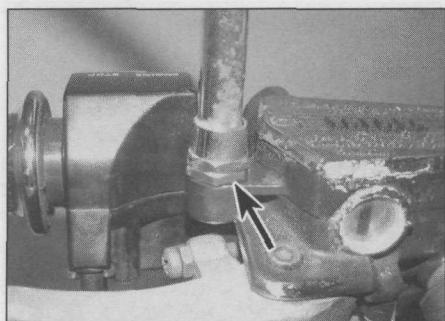
4.2b Take care not to lose the collars



4.3 Fork brace bolts (arrowed)



## 8•4 Bodywork



5.1 Unscrew the mirror using the hex (arrowed)

### 5 Rear view mirrors – removal and installation



1 The mirrors simply screw into the handlebar mounting – unscrew the mirror using the nut on the base of the stem (**see illustration**).