

# 2001 XK RANGE - Convertible Top - 501-18

## Convertible Top

### Description

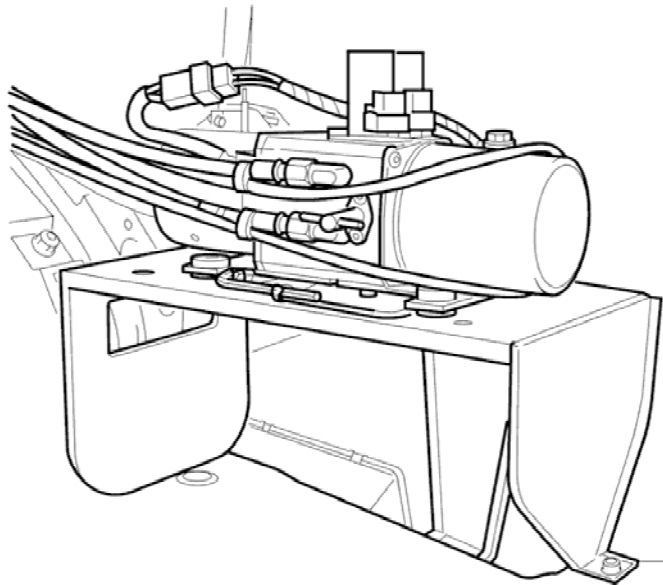
The convertible top has a fully lined and padded interior, and is mounted on an aluminum frame with steel linkages providing lightness with good structural strength.

When lowered, the top folds to a low stack height in the body and is concealed by a matching soft cover. A front seal shot moulded to the windshield header and 'A' posts, achieves highly efficient weatherproofing, reduced noise levels and improved aerodynamics.

The green tinted glass backlight is bonded to the top to achieve a semi-flush finish.

### Power Operation

#### Convertible Top Hydraulic Power Pack



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Powered actuation and latching is provided by an electrically driven hydraulic pump installed in RH side of trunk. With the ignition switch in position I or II, both the convertible top and rear quarter glass are operated by a single switch located forward of the 'J' gate and marked 'ROOF'. The top is lowered by pressing and holding the rear of the switch until top movement ceases. When the top unlatches, an audible alarm sounds for 0.7 seconds, the rear quarters fully open and any fully closed door glass lowers 12 mm. The audible alarm operates again when the top starts to move. If the door glass is closed, the rear quarters close, then all glass lowers 12 mm.

When the top is fully lowered, the audible alarm operates and the door glass returns to the fully closed position. The top is raised by pressing and holding the front of the switch until the top is fully erected and latched. When the top is fully raised and latched, the audible alarm operates again and all glass closes.

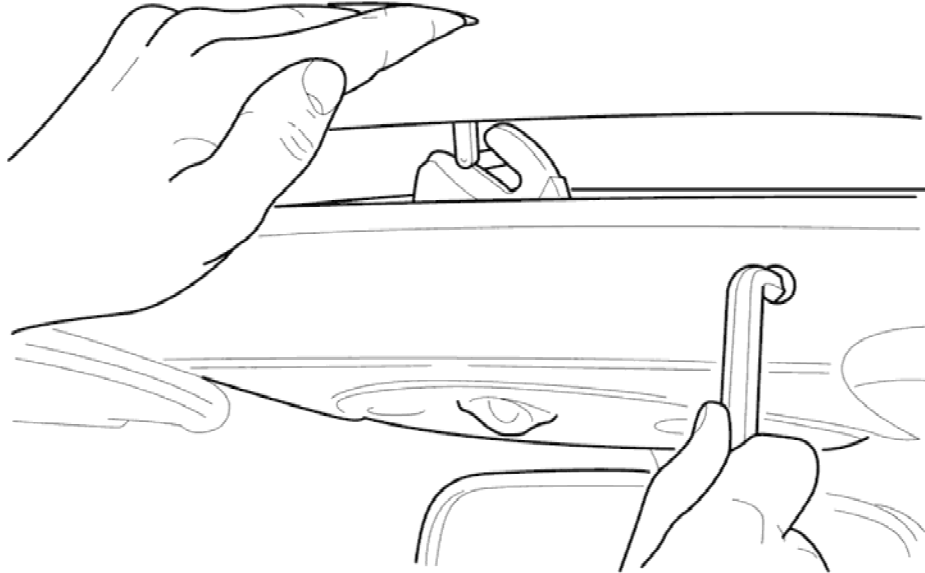
Operation of the convertible top is inhibited at vehicle speeds in excess of 16 km/h (10 mile/h). If the vehicle exceeds this speed when the top is moving to the lowered position, it will continue to the fully down position. Should the vehicle exceed this speed when the top is being raised, further movement will be inhibited until the speed is

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reduced.

## Emergency Manual Raising of Top

### Manual Latching of Top Using Key Provided



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In the event of latch failure when the top is raised, a visual warning will illuminate on instrument panel. In such an emergency, the top must be manually positioned using a center pull down facility, then latched using a key stowed alongside the top operating pump. To manually operate the latch, the key is inserted in the recess in the windscreen header, turned clockwise to ensure the latch is fully released, then turned counter-clockwise to lock.

The top can also be manually raised in the event of failure to power operate. In such a situation, the pump isolating valve must first be turned fully counter-clockwise to the manual operation position. Manual latching is then achieved as described above. When manually raising the top, the linkages from the frame to the wheel arches must be moved to the over-center position.

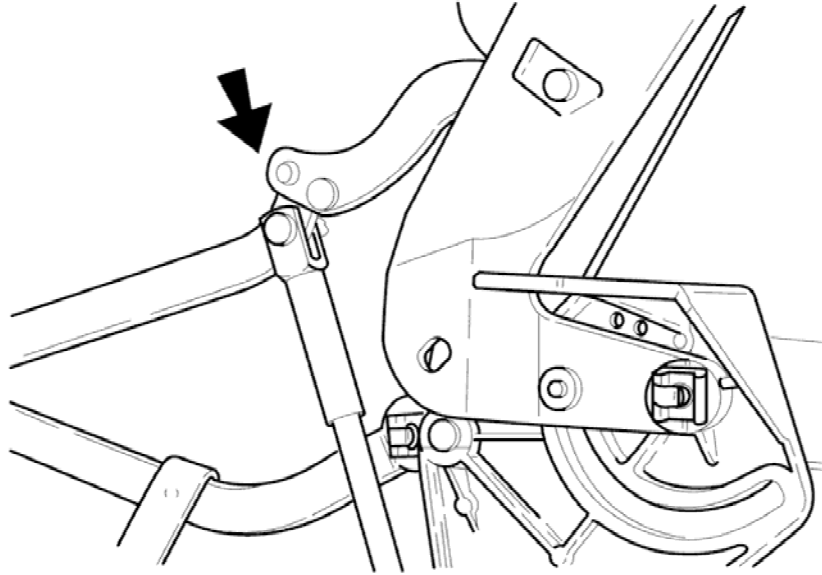
## Emergency Manual Lowering of Top

In the event of failure of powered lowering of the top, the following procedure must be adopted. Failure to follow this procedure when manually lowering the top can result in damage to the frame and operating linkages.

1. Lower the rear quarter glass by pressing the rear of the 'ROOF' button once.
2. Rotate the pump valve (located in the RH side-well of the trunk) counter-clockwise to the manual operation position.
3. Remove the blanking plug from the header trim, insert the Allen key provided (stowed alongside the top pump) and unlatch the top by turning the key clockwise.

## Direction of Manual Thrust During Emergency lowering of Top

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4. Reaching behind the top rear quarter curtains, pull the rams and linkages at both sides firmly downwards as far as possible.
5. Manually lower top to stowed position, if necessary repeating step 4 above.