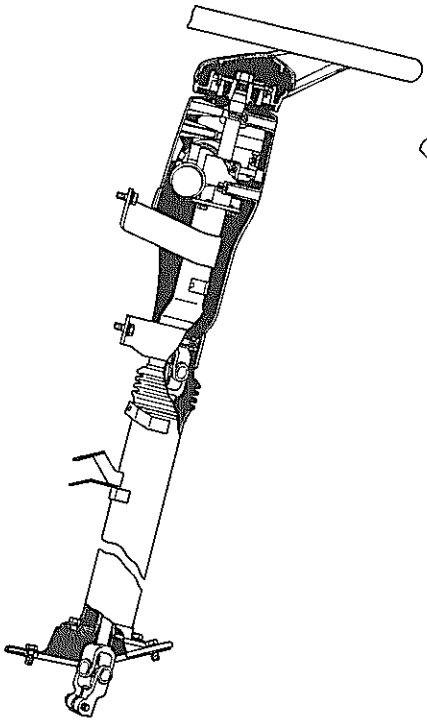
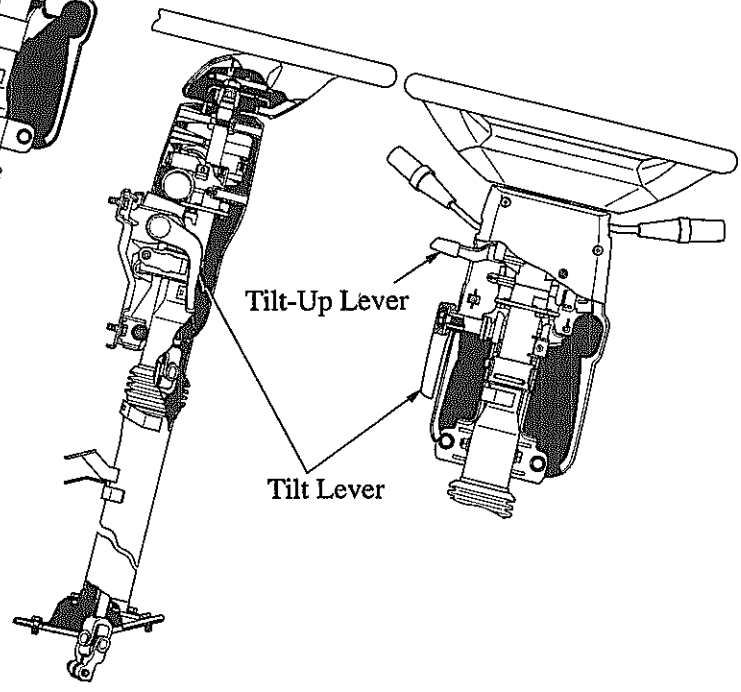
■ STEERING COLUMN

1. General

In addition to the same rigid type steering column used in the previous model, a tilt type steering column is also available. The tilt mechanism, with its 3 functions as described below, can be easily adjusted for obtaining an optimal driving position.



Rigid Type Steering Column



Tilt Type Steering Column

▶ Tilt Mechanism Functions ◀

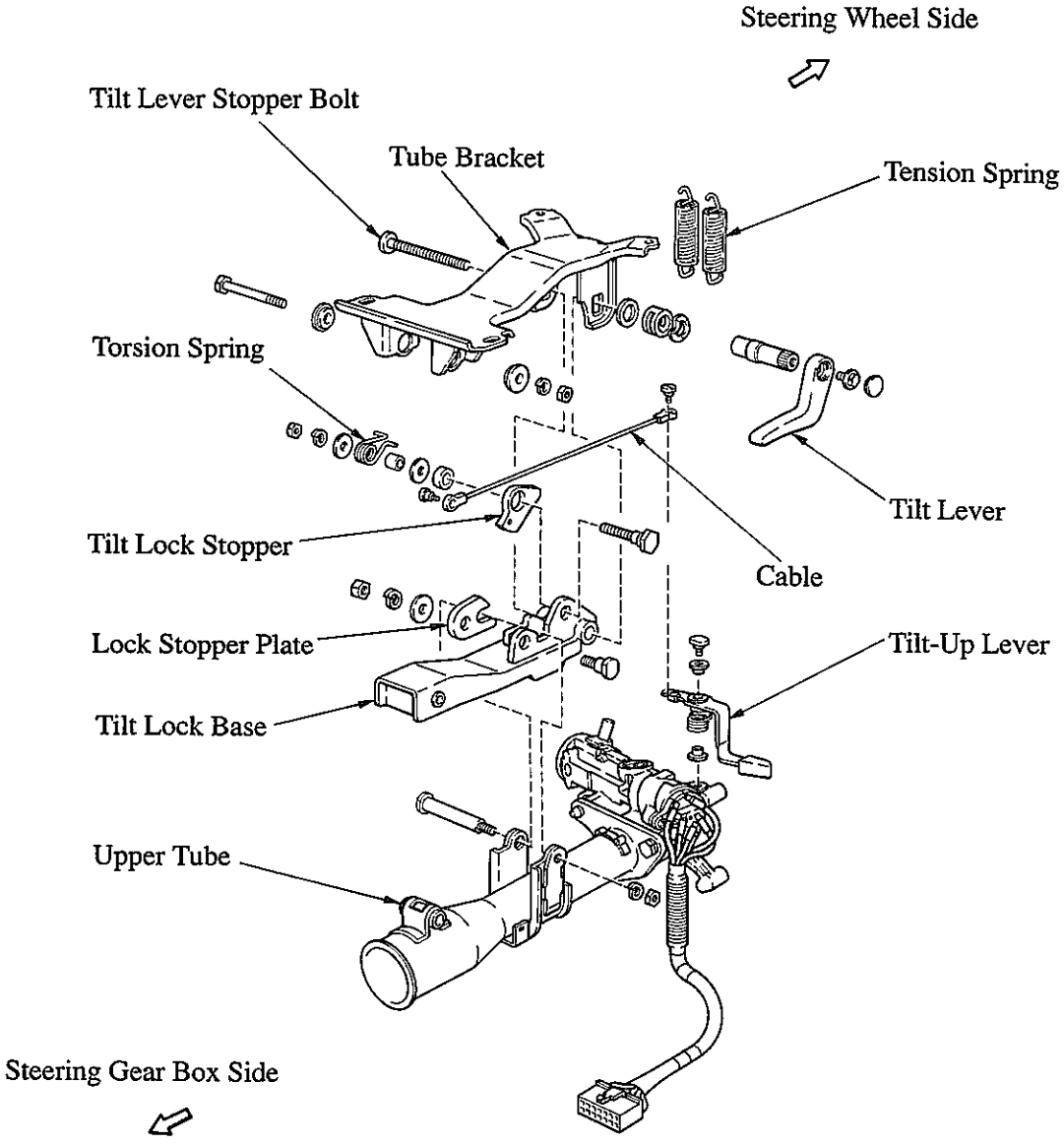
Function	Outline
Stepless Adjustment Function	The steering wheel can be positioned anywhere within its tilt range of 32 mm (1.26 in.) by the simple operation of the tilt lever.
Tilt-Up Function	The steering wheel can be tilted up to its uppermost position by operating the tilt-up lever, irrespective of the tilt lever operation.
Memory Function	A tilted-up steering wheel can be returned to its original position by pressing it down.

2. Tilt Mechanism

Construction

The tilt mechanism consists mainly of the tilt lever stopper bolt, tilt-up lever, cable, tilt lock stopper, tilt lock stopper plate, torsion spring and tension spring. The steering wheel is tilted by releasing the tilt lever, moving it to the desired position and fixing it in that position.

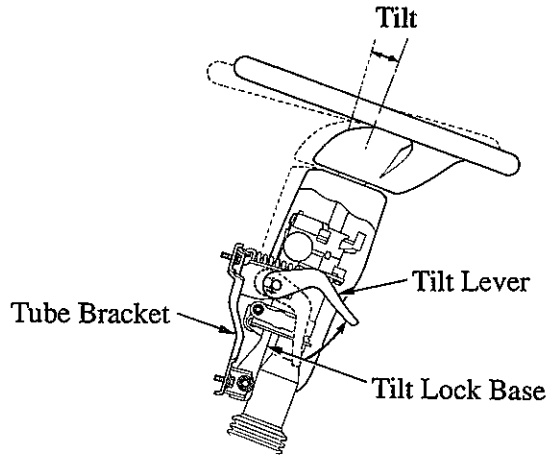
The steering column is raised by pressing down the tilt up lever so that the cable pulls the tilt lock stopper away from the tilt lock stopper plate.



Operation

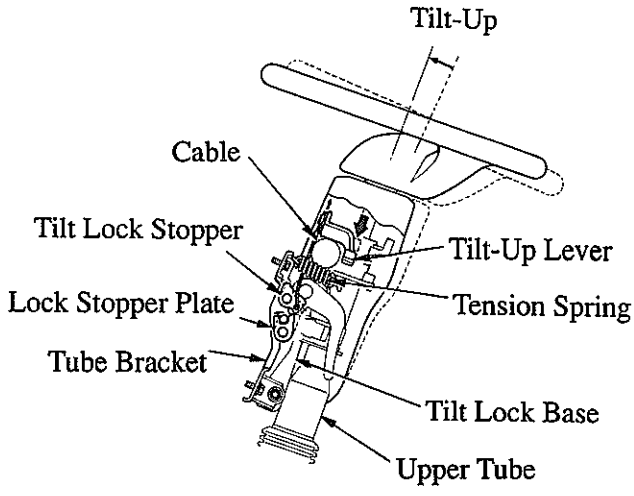
1) Stepless adjustment Function

Stepless adjustment can be performed by lifting the tilt lever. This releases the tilt lever stopper bolt so that the tilt lock base and tube bracket separate. This allows the tilt base and tilt lever stopper bolt of the tube bracket to move freely within the range allowed by the bolt guide hole.



2) Tilt-Up Function

When the tilt-up lever is operated while the tilt lock base and tube bracket are fixed, the tilt lock stopper is moved by the cable, releasing the tilt lock base and upper tube. When the lock stopper plate restrained by the tilt lock stopper is released, the tension spring raises the steering wheel to the top position.



3) Memory Function

The tilt lock base and upper tube only lock at one position, so after tilt-up occurs, the steering wheel can only lock again at the original position. The tilt lock stopper automatically pushes the pin down due to the force of the torsion spring, so when the steering wheel has returned to its original position, the tilt lock base and upper tube return to the original fixed steering angle.

