

# 12-20 **Steering Wheel & Column Switches**

## **VOLVO**

### **REMOVAL & INSTALLATION**

#### **HORN PAD & STEERING WHEEL**

##### **Removal**

Disconnect battery ground cable. Remove horn pad by squeezing top and bottom towards center of pad and unfolding upper edge of pad. Disconnect electrical wires and remove steering wheel nut. Pull off steering wheel.

##### **Installation**

To install, reverse removal procedure.

#### **TURN SIGNAL & WIPER SWITCHES**

**NOTE:** **Steering wheel does not have to be removed to remove combination switch; however, removal of switch is easier with steering wheel removed.**

##### **Removal**

Disconnect battery ground cable. Remove column covers from steering column. Disconnect electrical connectors from switches to be removed and remove switches.

##### **Installation**

To install, reverse removal procedure.

#### **IGNITION SWITCH & STEERING LOCK**

##### **Removal**

1) Disconnect battery ground. Remove steering wheel and column covers. Remove turn signal and wiper switches. Remove upper bearing spring and race.

2) Drill out center of shear bolts and remove with screw extractor. Remove lock assembly. Disconnect electrical connections and remove ignition switch.

##### **Installation**

To install, reverse removal procedure and note: Position front of lock assembly 3.81" (97 mm) from upper end of steering column.

**Fig. 1: Removing Steering Wheel**

