

Section 06 STEERING/SKIS

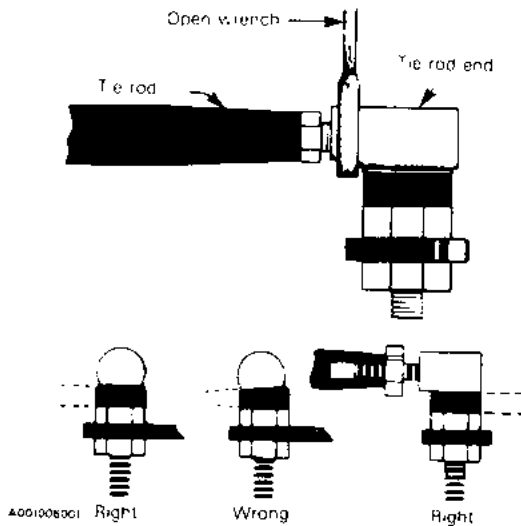
Sub-section 01 (STEERING SYSTEM)

29,35, Ball joints

Inspect ball joint ends for wear or looseness, if excessive, replace.

NOTE: Screw the longest threaded end of ball joint into the tie rod, ensure that half of the total number of threads are inserted into the tie rod

The cut-off section of the tie rod end must run parallel with the horizontal line of the steering arm when assembled on vehicle. The tie rod end should be restrained when tightening tie rod end lock nut. For torque specifications see illustrations



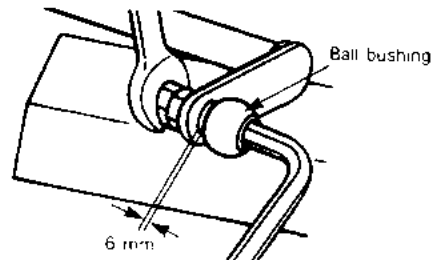
66,100,101, Screw stopper, screw & Loctite 271

In order to remove the screw, heat to 93°C (200°F) to break the Loctite bond. At assembly, clean all threads and apply a drop of Loctite 271. Torque screw to 29 N•m (21 lbf•ft). Bend tab of screw stopper over a flat of screw head.

Alpine

60,61,62, Ball bushing, Allen bolt & nut

Affix the ball bushing to steering shaft using appropriate Allen head bolt. Tighten bolt until there is approximately 6 mm (1/4") free-play existing between ball bushing and steering shaft.



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Torque nut to 61 N•m (45 lbf•ft)

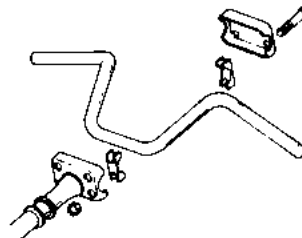
ADJUSTABLE HANDLEBAR

1,3, Steering column & handlebar

If applicable, remove the steering clamp and nuts holding the handlebar to the steering column. Tighten nuts to the specified torque (See illustration)

2,4,5,6, Handlebar support, steering clamp, bolts & nuts

Install the four (4) handlebar support, steering clamp, the four (4) screws and nuts to the column, as illustrated



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30,100,103, Lock tabs & screw stopper

When assembling components, always position new lock tabs and screw stoppers

36,38, Steering arms

The steering arm angles should be equal on both sides when skis are parallel with vehicle

25,30,100, Ball joint nuts, lock tabs & screw stopper

Tighten ball joint nuts to specified torque and bend lock tabs over nuts. (See illustration.)

30,31, Steering arm nuts & lock tabs

Tighten steering arm nuts to specified torque and bend lock tabs over nuts. (See illustration.)