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Section 07 STEERING/CONTROL SYSTEMS
Subsection 02 (STEERING/CONTROL SYSTEMS)

1, HANDLE BAR

Removal

- Remove:
- steering cover **no. 7**
 - handle bar grips **no. 8** (discard screws **no. 9**)
 - brake lever (refer to HYDRAULIC BRAKES)
 - clutch lever
(refer to REMOVAL AND INSTALLATION)
 - throttle handle **no. 6** and multi-function switch **no. 5** (refer to the specific section below)
 - steering clamp mounting bolts **no. 10**, reinforcements **no. 11** and steering clamps **no. 12**
 - handle bar.

Inspection

Inspect the handle bar for damage, cracks or bending, replace if any problems is detected.

Installation

For the installation, reverse the removal procedure.
NOTE: Replace screws retaining handle bar grip by a new self-locking screws.

2, STEERING COLUMN

Removal

- Remove:
- front facia and dashboard (refer to BODY)
 - handle bar
 - fuel tank (refer to FUEL CIRCUIT)
- NOTE:** Do not remove fuel tank completely, separate fuel tank from frame only. Do not remove fuel lines.
- headlight (refer to ACCESSORIES)
 - oil tank (refer to REMOVAL AND INSTALLATION)
 - cotter pin **no. 13**, castellated nut **no. 14**, form washer and flat washer **no. 15** to bottom end of steering column.

Separate steering column and tie-rods **no. 3**. Refer to TIE-ROD section.

Remove half housing bolts **no. 16**, stopper plates **no. 17**, half housings **no. 18** and housing bushings **no. 19**.

Pull steering column.

Inspection

Inspect steering column for damage, cracks or bending, replace if any problems is detected.

Check O-ring **no. 20** for damage. Replace if necessary.

Installation

For the installation, reverse the removal procedure.

3, TIE-ROD

Removal

Place the vehicle on jack stands and remove front wheel(s).

Remove front fender with fender support. Refer to BODY.

Remove cotter pin **no. 21**, castellated nut **no. 22** and hardened washers **no. 23**.

CAUTION: Never tap the knuckle with a hammer.

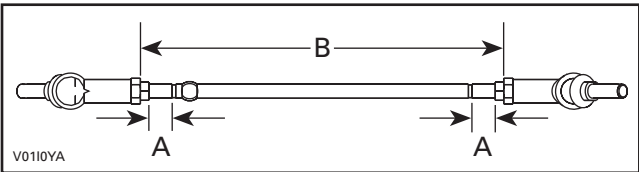
Inspection

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

Installation

For the installation, reverse the removal procedure. Pay attention to the following details.

At the time of the reinstallation or the new tie-rod(s) installation, screw threaded end of tie-rod into ball joint. The maximum length for tie-rod groove to ball joint end must be the value **A** in the following chart:



MODEL		A	B
DS	mm	20 ± 5	311 ± 1
	in	25/32 ± .197	12 1/4 ± .039

NOTE: Torque the ball joint lock nut **no. 24** to 36 N•m (27 lbf•ft).

Toe Adjustment

Place vehicle on level surface.

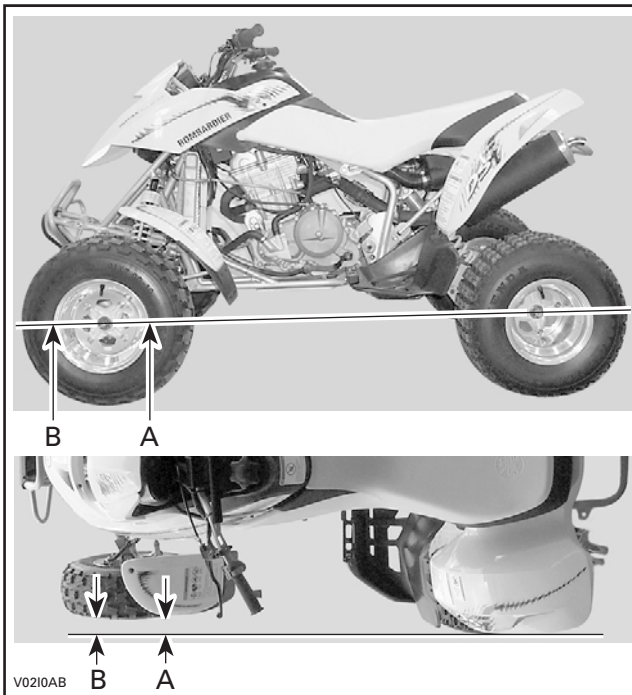
Check that handlebar is straight.

Use a long rule and check if the rear and front wheels are aligned.

Adjust alignment with tie-rod.

Adjust toe-out to 2.6 ± 0.5 mm ($.102 \pm .0197$ in) on each side.

NOTE: Take measure on the rim.



$A - B = 2.6 \pm 0.5$ mm ($.102 \pm .0197$ in)

4, STEERING COLUMN BEARING

Removal

Place vehicle on jack stands and remove front wheels.

Remove steering column.

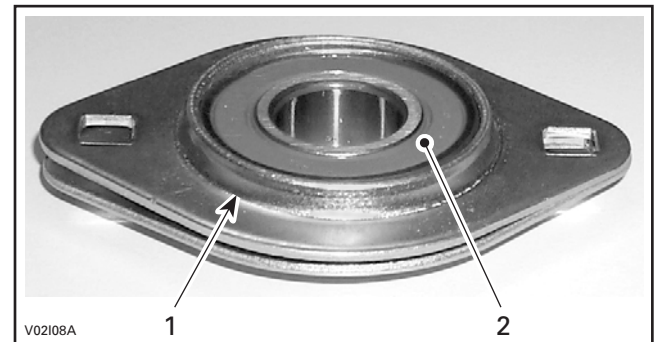
Remove bolts **no. 25** and first bearing flange **no. 26**.

Remove bearing.

Installation

For installation, reverse the removal procedure. Pay attention to the following detail.

Place flanged collar toward outside.



1. Flanged collar
2. Bearing

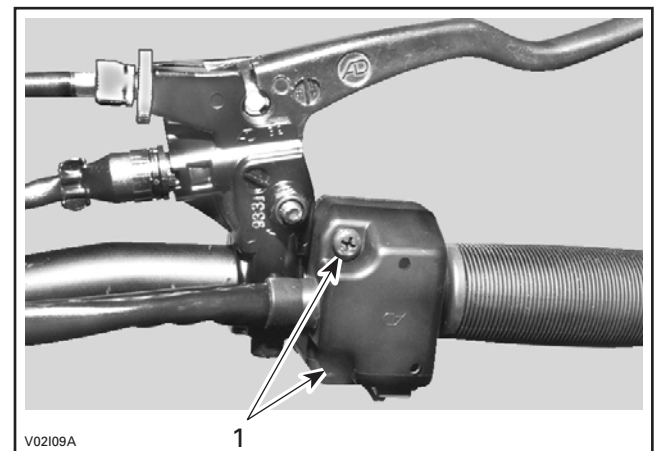
5, MULTI-FUNCTION SWITCH

Test

Refer to ACCESSORIES.

Removal

Remove bolts.



1. Remove the bolts

Separate multi-function switch from handle bar.

Remove front facia. Refer to BODY.

Unplug multi-function switch connector.

Installation

For installation, reverse the removal procedure.

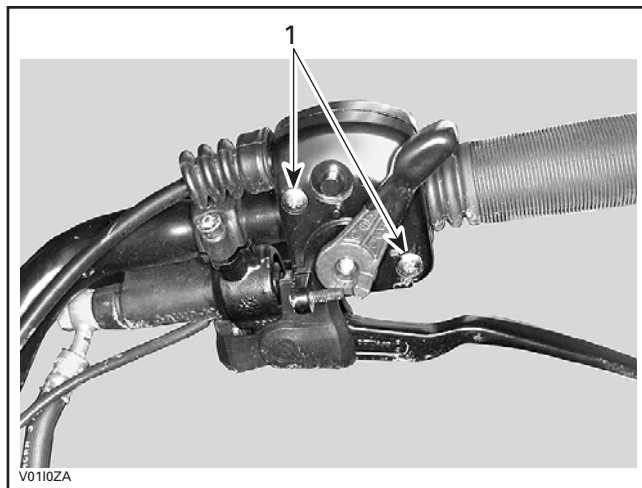
Section 07 STEERING/CONTROL SYSTEMS

Subsection 02 (STEERING/CONTROL SYSTEMS)

6, THROTTLE HANDLE

Removal

Remove screws under throttle handle.

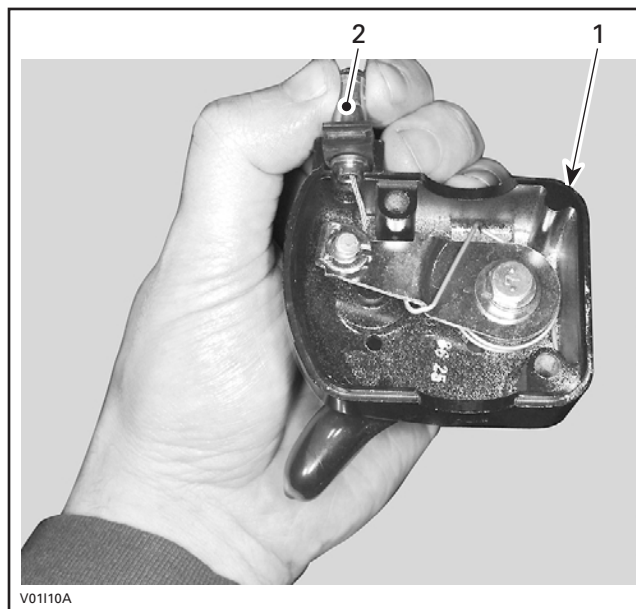


TYPICAL

1. Remove screws

Separate throttle handle from handle bar.

Remove throttle cable **no. 27** from housing.



TYPICAL

1. Throttle handle housing
2. Throttle cable

Slide cable in clip slot and remove the end of the cable from clip.

Installation

For installation, reverse the removal procedure.

Refer to CARBURATOR AND AIR INTAKE SILENCER for adjustment procedure.