

Service Bulletin

MOTORCYCLE DIVISION

**ASSEMBLY & PRE-DELIVERY
BULLETIN NO. 03-27
DATE: 11/20/2002**

SUBJECT: GSX1300RK3 ASSEMBLY & PRE-DELIVERY PROCEDURES

**REFERENCE: GSX1300RX ASSEMBLY GUIDE (99505-01269-03E) &
SERVICE BULLETIN - GENERAL #38 - INITIAL BATTERY SERVICE**

NOTICE:

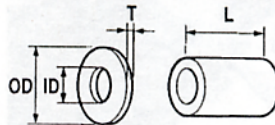
An Assembly Guide will not be issued for the GSX1300RK3, because the set-up procedure remains unchanged from the GSX1300RX. To set-up an GSX1300RK3, please use the GSX1300RX Assembly & Pre-Delivery Guide and the additional procedures outlined in this bulletin.

GSX1300RX Assembly and Pre-Delivery Service Guide: 99505-01269-03E

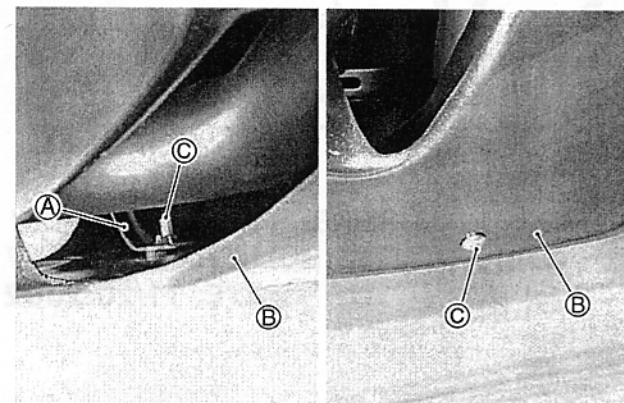
DIFFERENCE BETWEEN GSX1300RX AND GSX1300RK3

1. LOCATION OF PARTS

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Item	Part Name	Q'ty	Remarks	Item	Part Name	Q'ty	Remarks
A	Windscreen	1		G	Rear under cowl	1	
	Allen screw	2	5 x 14 mm		Stepped allen screw	2	6 x 20 mm
	Washer	2	OD:12.0 ID:5.5		Stepped allen screw	2	5 x 16 mm
	Rubber cushion (with nut)	2	5 mm L:17.0	H	Seat tail cover	1	
B	Steering stem head nut	1	24 mm		*Spacer	2	OD:26.0 ID:8.5 T:10.0
C	Rear view mirror assembly	2	Right and Left	I	Battery electrolyte container	1	
	Flange bolt	4	6 x 30 mm	J	Owner's manual	1	
D	Handlebar balancer weight	2	Right and Left		Manual bag	1	
	Screw	2	6 x 55 mm		*Stepped allen screw	1	5 x 16 mm For under cowl plate
E	Front brake lever	1		 <p>OD : Outside diameter (mm) ID : Inside diameter (mm) L : Length (mm) T : Thickness (mm)</p>			
	Bolt	1	6 x 35 mm				
	Flange nut	1	6 mm				
F	Clutch lever	1					
	Bolt	1	6 x 35 mm				
	Flange nut	1	6 mm				

2. ASSEMBLY



UNDER COWL PLATE

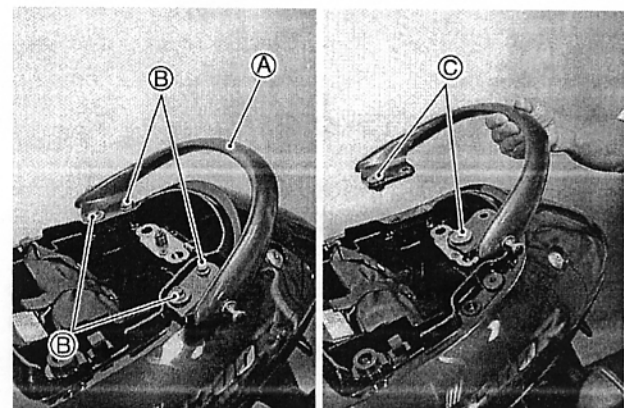
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Install the under cowl plate.

CAUTION

Make sure that the stepped allen screws © (right and left) are tightened securely.

- A: Under cowl plate
- B: Under cowl
- C: 5 x 16 mm stepped allen screw

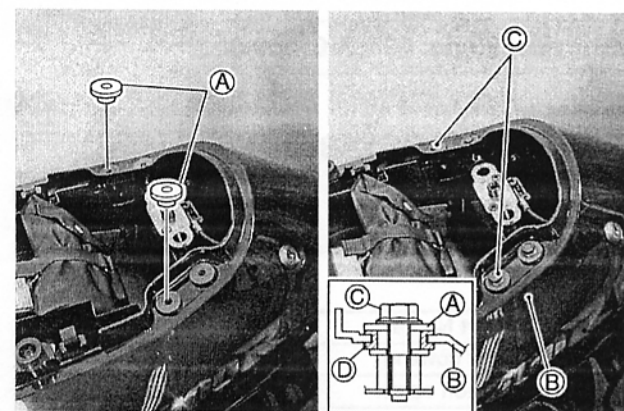


SEAT TAIL COVER

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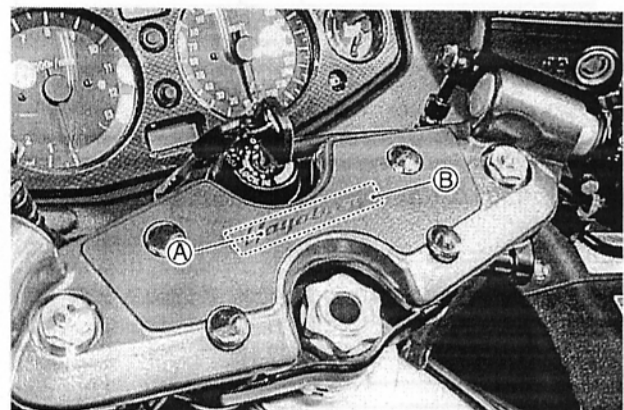
2. Remove the pillion handle assembly with removing four bolts.

- A: Pillion handle
- B: Bolt
- C: Spacer



3. Attach the spacer as shown in the photograph.
Retighten the bolts as shown in the photograph.

- A: Spacer OD:26.0 mm ID:8.5 mm T:10.0 mm
- B: Frame cover
- C: Bolt
- D: Cushion



REMOVING THE TAPE

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Remove the tape from the emblem.

- A: Emblem
- B: Tape

3. SERVICING

BATTERY [Page: 10]

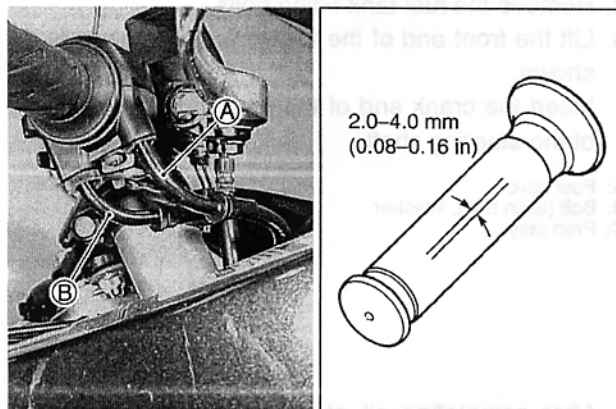
Charge the battery with a battery charger.

CAUTION

For charging the battery, make sure to use the charger specially designed for MF battery. Otherwise, the battery may be overcharged resulting in shortened service life.

Do not remove the cap during charging.

Position the battery with the cap facing upward during charging.



THROTTLE CABLE [Page: 14 Paragraph: 1, 2]

This motorcycle has a twin throttle cable system. Cable A is for pulling cable and cable B is for returning. Check the throttle cable play. The throttle cable play should be 2.0–4.0 mm (0.08–0.16 in) at the throttle grip.

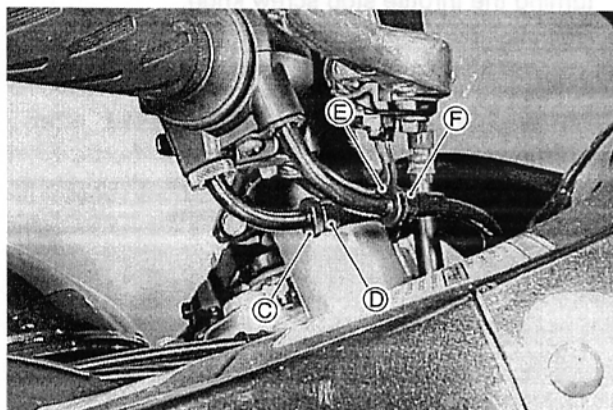
Throttle cable play: 2.0–4.0 mm (0.08–0.16 in)

If adjustment is necessary, carry out the procedure below:

1. Loosen the lock nut C of the throttle returning cable and fully turn in the adjuster D.
2. Loosen the lock nut E of the throttle pulling cable.
3. Turn the adjuster F in or out until the throttle cable play is 2.0–4.0 mm (0.08–0.16 in) at the throttle grip.
4. Tighten the lock nut E while holding the adjuster F.
5. While holding the throttle grip at the fully closed position, slowly turn out the adjuster D of the throttle returning cable to feel resistance.
6. Tighten the lock nut C while holding the adjuster D.

⚠ WARNING

After the adjustment is completed, check that handlebar movement does not raise the engine idle speed and that the throttle grip returns smoothly and automatically.



IDLE SPEED ADJUSTMENT

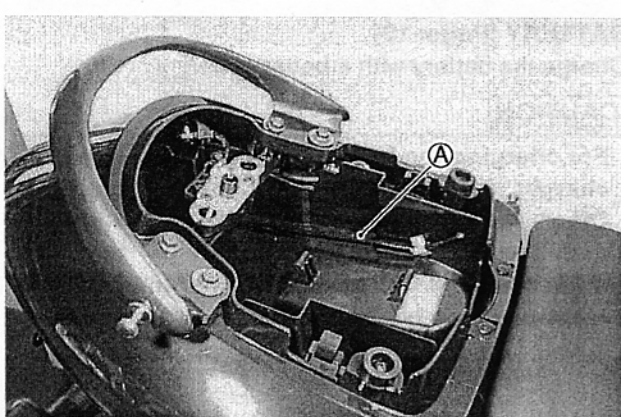
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The prop stay is located under the rear seat.

Remove the rear seat using the key.

Remove the prop stay.

A: Prop stay



1. Remove the front seat.

2. Remove the fuel tank fitting bolts.

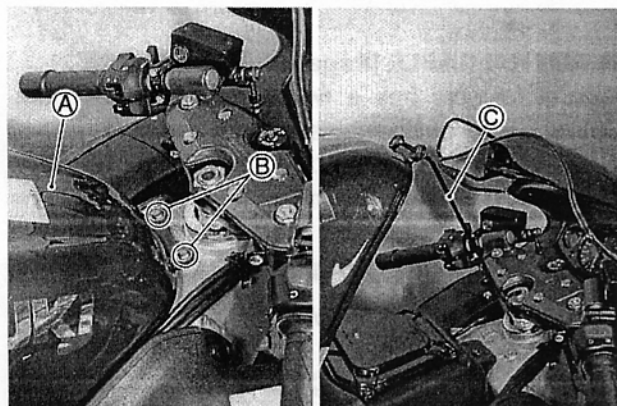
3. Lift the front end of the fuel tank and prop it up as shown.

Insert the crank end of the prop stay into the hole of the steering shaft.

A: Fuel tank

B: Bolt (allen bolt), Washer

C: Prop stay



4. After completing all of the servicing procedures and the test ride, adjust the engine idle speed by turning the throttle stop screw knob.

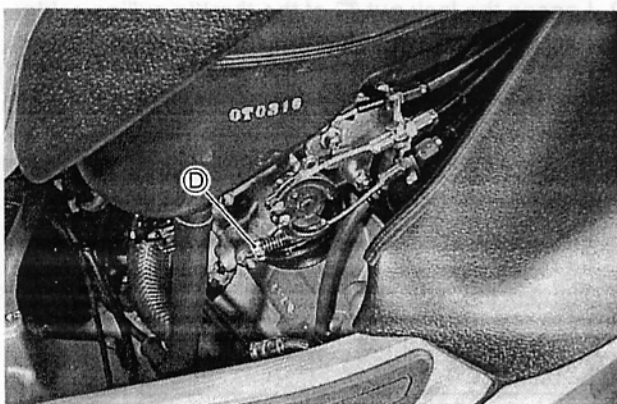
5. Reinstall the fuel tank and front seat.

NOTE:

The engine idle should be adjusted after engine warm up.

Engine idle speed: 1 050–1 250 r/min

D: Throttle stop screw



AFFECTED DEPARTMENTS:

The following departments in your dealership should be notified of this information:

☒ Management ☒ Service ☐ Warranty ☒ Sales ☐ Parts ☐ Accessories

American Suzuki Motor Corporation
Technical Service Department
Motorcycle / ATV