

Service Bulletin

MOTORCYCLE DIVISION

ASSEMBLY & PRE-DELIVERY
BULLETIN NO. 02-16
DATE: 2/15/2002

SUBJECT: ASSEMBLY & PRE-DELIVERY PROCEDURES

MODEL: GSX1300RK2 Hayabusa

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

NOTICE:

An Assembly Guide will not be issued for the GSX1300RK2, because the set-up procedure remains unchanged from the GSX1300RX. To set-up an GSX1300RK2, please use the GSX1300RX Assembly & Pre-Delivery Guide and the additional procedures outlined in this bulletin.

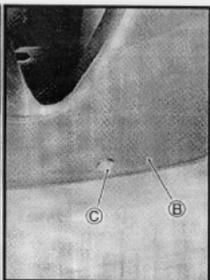
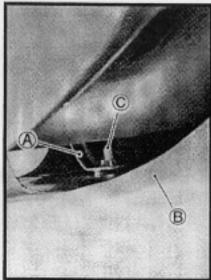
**GSX1300RX Assembly & Pre-Delivery Guide:
99505-01269-03E**

DIFFERENCE BETWEEN GSX1300RX AND GSX1300RK2

1. LOCATION OF PARTS [PAGE: 3]

Item	Part Name	Q'ty	Remarks	Item	Part Name	Q'ty	Remarks
A	Windscreen	1		G	Rear under cowling	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					
	Bolt	1	6 x 35 mm				
	Flange nut	1	6 mm				
F	Clutch 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				

2. ASSEMBLY



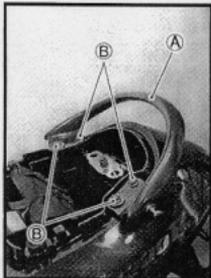
UNDER COWL PLATE [Page: 7]

Install the under cowl plate.

CAUTION

Never fill the battery with anything except the specified electrolyte.

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

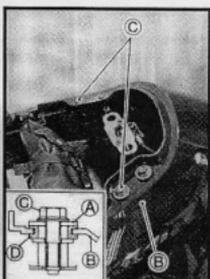
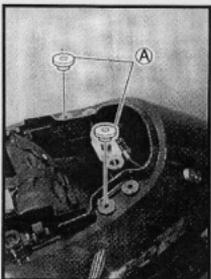


SEAT TAIL COVER

[Page: 8, Paragraph: 3]

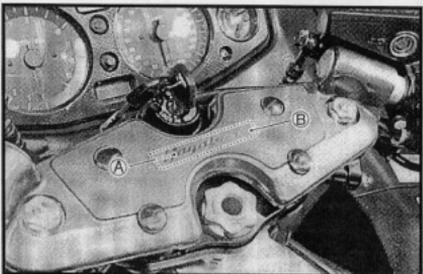
2. Remove the pillion handle assembly with removing four bolts.

- (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 mm ID: 8.5 mm T: 10.0 mm
- (B) Frame cover
- (C) Bolt
- (D) Cushion



REMOVING THE TAPE

[Page: 8]

Remove the tape from the "Hayabusa" emblem.

- (A) Emblem
- (B) Tape

3. SERVICING

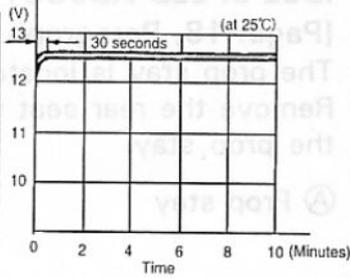
ATTENTION:

Maintenance Free Battery Service

Make sure ALL THE FLUID from the electrolyte pack is COMPLETELY ABSORBED into the battery plates before installing the filler caps. Battery failure and acid damage to the vehicle can occur if the battery is sealed before the electrolyte is absorbed into the plates. Refer to the vehicle's Assembly & Pre-Delivery Service Guide and Service Bulletin General #38 for battery service instructions.

Recharging time:

5.0 A for one hour or 1.2 A for 5 - 10 hours



BATTERY [Page: 10]

During initial service, allow the battery to fully absorb all of the electrolyte, per the service instructions in Service Bulletin - General #38.

Charge the battery using the automatic battery charger (99923-12015-LPT) or another charger capable of charging the battery at the rate specified at left.

THROTTLE CABLES:

[Page: 14 Paragraph: 1, 2]

This motorcycle has a twin throttle cable system. Cable (A) is the pulling cable and cable (B) is the return (or closing) cable. 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 (A).

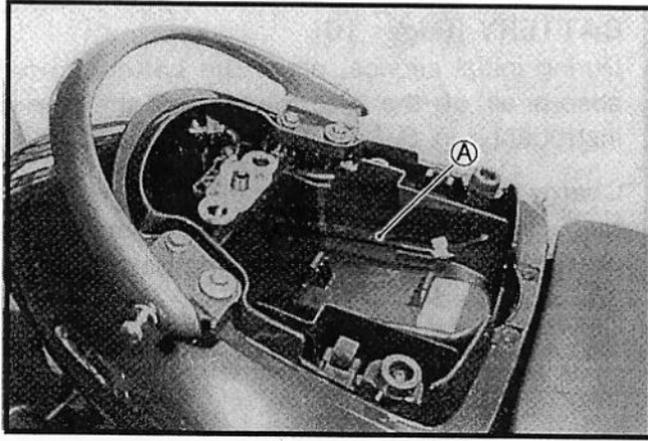
Throttle cable play: 2.0 - 4.0 mm (0.08 - 0.16 in)

If cable play adjustment is necessary, follow the adjustment procedure listed below:

1. Loosen the return throttle cable adjuster lock nut (C) and fully turn in adjuster (D).
2. Loosen the lock nut (E) of the pulling cable.
3. Turn the pulling throttle cable adjuster (F) in or out to obtain 2.0 - 4.0 mm (0.08 - 0.16 in) of free play 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 the return cable adjuster (D) until resistance is felt.
6. Tighten the lock nut (C) while holding the adjuster (D).

! WARNING

After the cable play adjustment is completed, check to make sure that the engine idle speed does not rise and the throttle grip returns smoothly and automatically when the handlebars are moved from side to side.

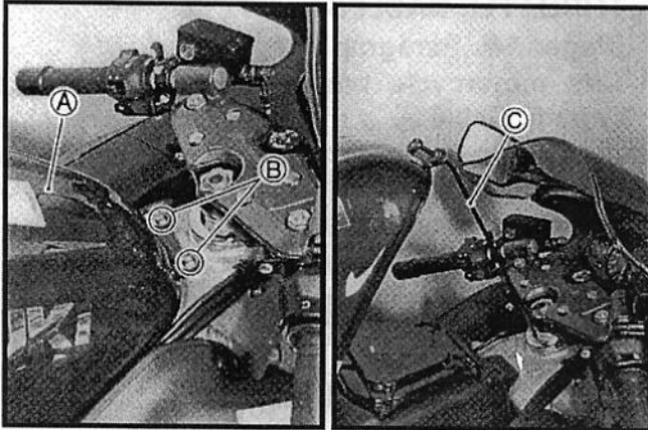


IDLE SPEED ADJUSTMENT

[Page: 18, Paragraph: 4]

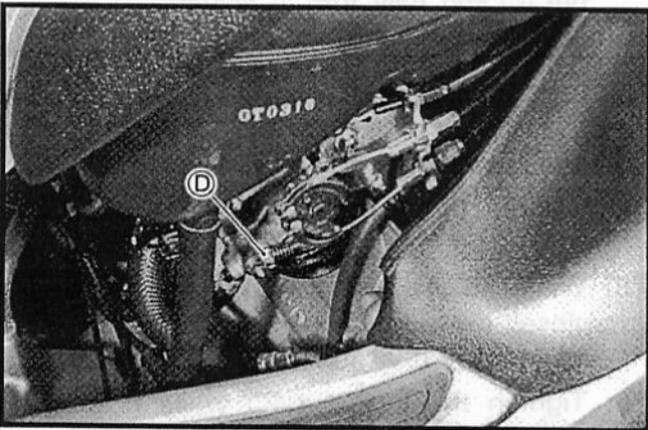
The prop stay is located under the rear seat. Remove the rear seat using the key. Remove the prop stay.

Ⓐ 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 in the photograph (insert the crank-end of the prop stay into the steering shaft hole).

Ⓐ Fuel tank
 Ⓑ Bolt (allen bolt), Washer
 Ⓒ Prop stay



4. After completing the initial service and test ride, adjust the engine idle speed by turning the throttle stop screw knob.
5. Reinstall the fuel tank and front seat. Replace the prop stay.

NOTE:

Adjust the engine idle speed after the engine has reached operating temperature.

Engine idle speed: 1050 - 1250 RPM

Ⓓ 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