

Copyright © 2014 by Big Bike Parts, Inc. No part of this instruction sheet may be reproduced without the written permission of Big Bike Parts, Inc.

PART NO. 41-164**TRAILER HITCH****CAN-AM SPYDER RT/ST/RS/GS (NOT F3) 2008-NEWER**

2/15/2016

TOOLS NEEDED:	PLIERS	13MM WRENCH	4MM ALLEN WRENCH	17MM WRENCH (2X)	THREAD LOCK
INCLUDED IN HITCH KIT:	HITCH FRAME	RIGHT MOUNT	LEFT MOUNT	M10 X 462MM BOLT	5/8" X 3/4" SPACER (2X)
	AXLE CAP	M8 X 12MM SET SCREW (2X)	M10 HEX NUT	M10 LOCK WASHER (8X)	M10 X 20MM BOLT (6X)
MUD FLAP KIT:	FLAT BRACKETS (2X)	M6 WASHER (2X)	M6 X 20MM BOLT (2X)	M6 X 30MM BOLT (2X)	M6 LOCK NUT (4X)

PLEASE READ THROUGH AND UNDERSTAND THESE INSTRUCTIONS BEFORE BEGINNING.

ESTIMATED INSTALLATION TIME: 25 TO 40 MIN.

THREAD LOCK SHOULD BE USED ON ALL FASTENERS.

INSTALLATION:

1. REMOVE THE 2 BLACK PLASTIC CAPS COVERING THE AXLE ON THE BACK OF THE SPYDER. PULL OUT TO REMOVE.
2. USE A PAIR OF PLIERS TO REMOVE THE COTTER PIN FROM THE END OF THE AXLE ON THE RIGHT SIDE. THE COTTER PIN IS NOT REUSED BUT YOU SHOULD SAVE IT TO USE IF YOU EVER COMPLETELY REMOVE THE TRAILER HITCH FROM THE SPYDER.
3. USING A 13MM WRENCH REMOVE THE BACK BOLT FROM THE REAR BRAKE ASSEMBLY. LOOSEN THE FRONT BOLT AND PIVOT THE BRAKE DOWN AS SHOWN IN FIG. 1.
4. TAKE THE TWO 5/8" X 3/4" SPACERS AND SLIDE ONE INTO EACH SIDE OF THE AXLE. IF THEY ARE LOOSE PUT A PIECE OF MASKING TAPE ON THE OUTSIDE OF THE SPACER TO TIGHTEN THEM UP. PUSH THEM IN SO THEY ARE FLUSH WITH THE END OF THE AXLE.
5. TAKE A M8 X 12MM LONG SET SCREWS AND THREAD IT INTO THE WELD NUT ON THE BOTTOM OF THE RIGHT MOUNT. SEE FIG. 2. JUST GET IT STARTED. DO NOT THREAD IT IN ALL THE WAY. REPEAT ON LEFT MOUNT.
6. STARTING ON THE RIGHT SIDE SLIDE THE RIGHT MOUNT OVER THE END OF THE RIGHT SWING ARM. SEE FIG. 3. HOLD THE MOUNT TIGHT AGAINST THE SWING ARM AND TIGHTEN THE SET SCREW USING A 4MM ALLEN WRENCH.
7. PIVOT THE BRAKE ASSEMBLY BACK INTO POSITION AND INSTALL THE BACK BOLT YOU REMOVED IN STEP 3. TIGHTEN BOTH BOLTS ON THE BRAKE ASSEMBLY.
8. GO TO THE LEFT SIDE AND SLIDE THE LEFT MOUNT OVER THE END OF THE LEFT SWING ARM. HOLD THE MOUNT TIGHT AGAINST THE SWING ARM AND TIGHTEN THE SET SCREW.
9. TAKE THE AXLE CAP AND PLACE IT OVER THE END OF THE AXEL ON THE RIGHT SIDE. SEE FIG. 4.
10. INSTALL THE M10 X 462MM LONG BOLT WITH A LOCK WASHER FROM THE LEFT SIDE. PUSH IT THROUGH THE AXLE AND OUT THE RIGHT SIDE. SEE FIG. 5
11. INSTALL THE M10 HEX NUT AND A LOCK WASHER ON THE RIGHT SIDE AS SHOWN IN FIG. 5. USING TWO 17MM WRENCHES TIGHT THE BOLT AND NUT.
12. INSERT THE HITCH FRAME INTO THE MOUNTS WITH BALL MOUNT HOLE ON THE TOP. INSTALL THE SIX M10 X 20MM LONG HEX BOLTS WITH LOCK WASHER AND TIGHTEN. SEE FIG. 6.
13. **ALWAYS CHECK ALL OF THE BOLTS TO MAKE SURE THEY ARE TIGHT BEFORE USING.**
14. A MUD FLAP MOUNTING KIT IS INCLUDED WITH THE TRAILER HITCH. USE BIG BIKE PARTS PART NUMBER 2-111 MUD FLAP (NOT INCLUDED). SEE FIG. 7 AND FIG. 8 FOR THE TWO POSITIONS TO MOUNT THE MUD FLAP.

