

POLARIS ***CROSS COUNTRY*** ***INSTRUCTIONS***

THESE INSTRUCTIONS AMENDED FOR USE WITH ALL MODELS

HARDWARE LIST

- 1 – Main plate assembly
- 1 – '09 FLH slider assembly
- 2 – Strut ST-134
- 2 – Rear strut bars
- 2 – 8mm x 1.25 x 55mm S.H.C.S.
- 2 – 8mm x 1.25 nylock nuts
- 4 – 6mm x 1 x 25mm S.H.C.S.
- 4 – 6mm x 1 nylock nuts
- 2 – ¼”-20 x 1” grade 8 bolts
- 2 – ¼” washers
- 2 – ¼”-20 nylock nuts
- 8 – 3/8”-16 x 1” grade 8 bolts
- 6 – 3/8”-16 nylock nuts
- 1 – Chrome hitch head w/QMC 1 7/8” stainless steel ball
(*or hitch pin adapter w/ stainless steel lock, 2 keys, and dust cover*)
- 1 – Safety chain bracket
- 1 – ½” receiver lock

INSTRUCTIONS

1. Remove saddle bags.
2. Remove saddle bag mount rear bolts.
3. Remove fender bolt at the exhaust support bracket.
4. Install 8mm bolt for saddle bag mount rear bolt.
5. Install 6mm bolt for fender bolt at exhaust support bracket.
6. Repeat #4 & #5 for other side and tighten.
7. Install front struts inside of fender onto the 8mm & 6mm bolts with supplied nuts. **DO NOT TIGHTEN.**
8. Locate 2 – ¼” holes in exhaust bracket.
9. From inside the tire area, insert ¼” bolt into the hole. Then place the rear strut end marked top. Then place the washer followed by the nylock nut. Repeat for the other side. **DO NOT TIGHTEN.**

10. Insert the hitch slider receiver into the hitch plate square opening from the top.
11. Install 2 – 3/8” bolts from bottom of the hitch plate into the slider receiver and leave them loose.
12. Hitch plate mounts horizontally with the hitch tabs in the front and up position between the front flat struts.
13. Align holes and insert 4 – 3/8” bolts into front flat strut then through hitch tab. Then install 4-nylock nuts. **DO NOT TIGHTEN.**

*Note: If you have the 2012 and up with ABS, install the short struts to hitch plate and where the other end of the strut meets the plate where the ABS unit is located. You will need to remove the 2 – 6mm bolts from the ABS unit. Then slide the strut under it and use the supplied bolt and washer through the strut. Then screw it through the ABS unit. The bolt will come out of the ABS unit and you will need to install the supplied nut. **DO NOT TIGHTEN.***

*Repeat on the other side. Once it is all put together, align everything and tighten all of the bolts and nuts. **Please make sure the struts look even and fit flush with the plate.***

14. Install 2 – 3/8” bolts through bottom of hitch plate into the rear strut tabs. Then install the nylock nuts. **DO NOT TIGHTEN.**
15. Tighten the 8mm & 6mm nuts on the front struts.
16. Tighten the 1/4” bolts on the rear struts.
17. Tighten the 4 – 3/8” bolts on the hitch plate tabs.
18. Tighten the 2 – 3/8” bolts on the rear strut.
19. Install the hitch mount with supplied lock and tighten jam bolt.
20. Align the hitch mount with bike then tighten 2 – 3/8” bolts on the slider receiver.

WIRING INSTRUCTIONS

1. Take off the seat and find the wiring harness that runs towards the back of the bike to the lights.
2. Cut into the wiring harness gently. Use the T-taps to connect the white/pink wire to the blue wire (brakes) on the subharness.
3. Connect the blue/red wire to the yellow wire (right turn signal) on the subharness with the T-taps.
4. Connect the solid blue wire to the brown wire (left turn signal) on the subharness with T-taps.
5. Connect the blue/pink wire to the green wire (running lights) on the subharness with T-taps.

6. Connect the 4-pin female plug from the subharness to the 4-pin male connector on the relay isolator.
7. Run the wires towards the back of the motorcycle, but make sure that nothing will affect the reassembly of the motorcycle. Connect the motorcycle side harness to the bare wires of the isolator with the blue butt connectors as follows:

From the relay to the harness – Green wire to the green and black wires; blue wire to blue wire, yellow wire to yellow wire, brown wire to brown wire, and black wire to white wire.

8. The two longest wires on the relay are the red wire and the black wire, which go the battery with the in-line fuse connected to the red wire on the relay. The red wire is HOT. The black wire is GROUND.
9. Plug fuse into fuse holder.