

INSTRUCTION

STEERING DAMPER KIT

for Harley Davidson FLTRX 2017up

Thank you for purchasing the DAYTONA STEERING DAMPER KIT.

Product Features

- Stabilizes steering especially at high speed.
- Prevents the front forks from being twisted at high speed cornering.
- Bolt-on mount. The kit includes application specific brackets and all hardware easy mounting.



1. Read all instructions before use.
2. After installation, check to see if all the parts are correctly installed, and see if all the screws are torqued properly.
3. Do not adjust the damper while riding.
4. Periodical inspection of the installed parts is required every 500km (300mile). If anything unusual may be found while riding, pull over at a safe place to check.

Install



Before installing, turn the adjustable knob counter-clockwise to the end.

Softer

Fig.1

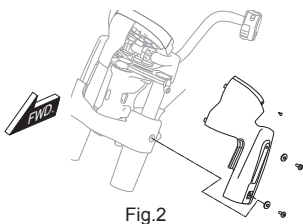


Fig.2

FLTRX:
Remove the left housing cover (see Fig.2)

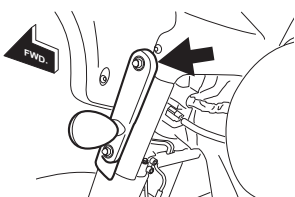
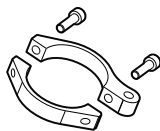


Fig.3

FLHX:
Remove the Outer Fairing Skirt & Turn Signal Brackets. (see Fig.3)

Install FORK BRACKET



Place the FRONT FORK BRACKET(#3) on the left side above the triple tree.

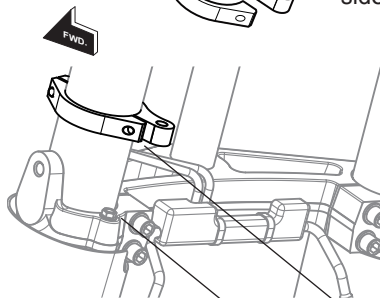


Fig.4

The distance between the FRONT FORK BRACKET(#3) and triple tree is 54mm (2.1").

54mm
(2.1")

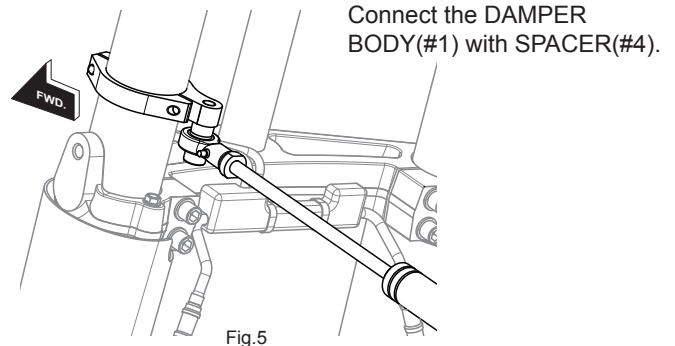


Fig.5

Connect the DAMPER BODY(#1) with SPACER(#4).

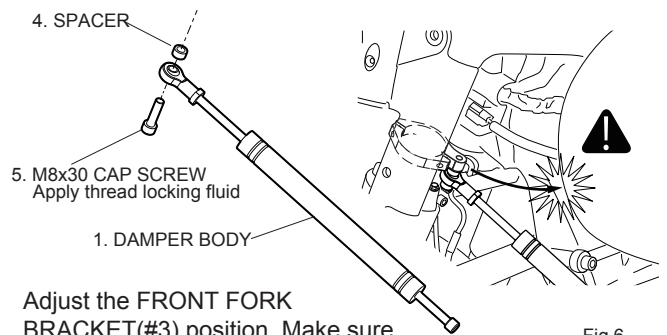


Fig.6

4. SPACER
5. M8x30 CAP SCREW
Apply thread locking fluid

1. DAMPER BODY

Adjust the FRONT FORK BRACKET(#3) position. Make sure FRONT FORK BRACKET(#3) & DAMPER BODY(#1) do not hit motorcycle frame neck when turning the handle to the leftmost position. (see Fig.6)

Install FRAME BRACKET

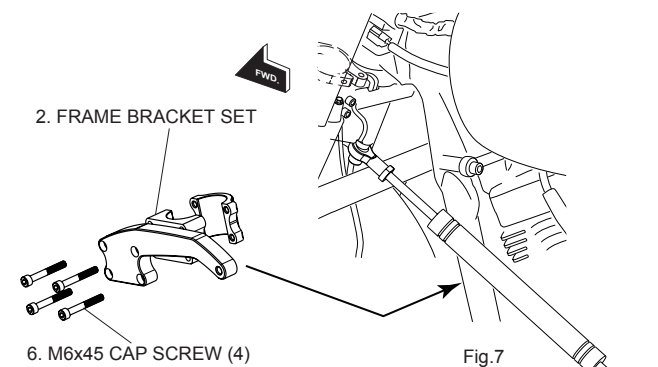


Fig.7

2. FRAME BRACKET SET

6. M6x45 CAP SCREW (4)

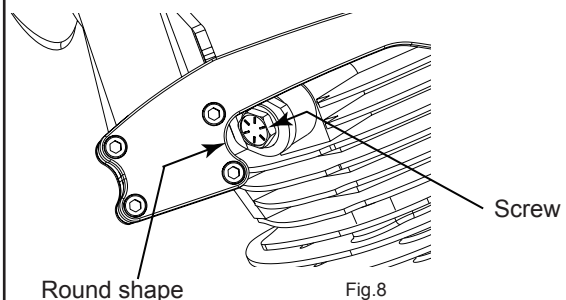


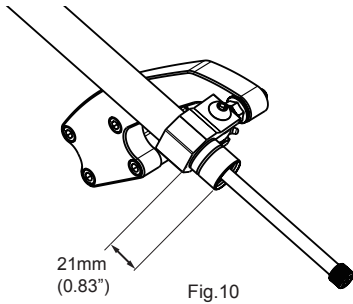
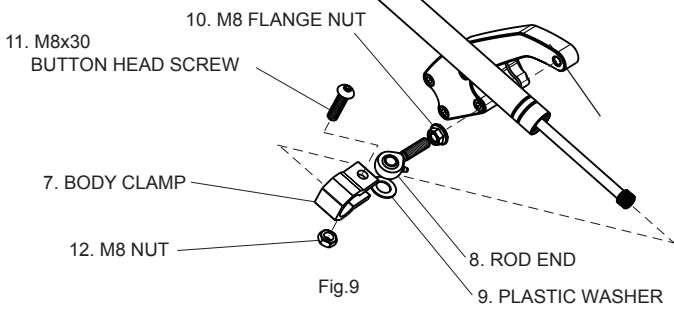
Fig.8

Round shape

Screw

Position the bracket so the round cutout clears the bolt on the cylinderhead as shown. The bracket must not contact the cylinder head or bolt. (see Fig.8)

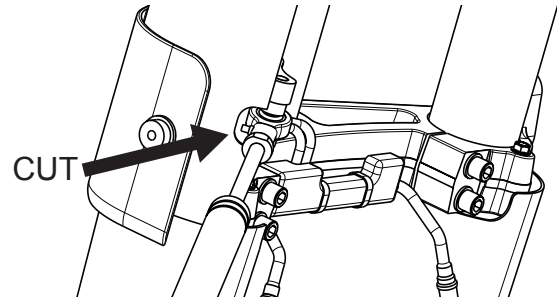
Install BODY CLAMP



Adjust the DAMPER BODY(#1) position. Make sure DAMPER BODY(#1) doesn't hit any part of motorcycle when turning the handlebar to the leftmost and rightmost position. (see Fig.10)

DO NOT over tighten the damper body clamp. The stabilizer body can be damaged.

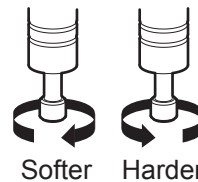
**Each motorcycle has different tolerance. Therefore, different combination of the fork bracket angle and the body clamp may be necessary within small range instead of indicated positions by the diagrams.
Adjust the bracket and the body clamp to the set stabilizer on the best position if necessary.



FLTRX :
Carefully cut off the part where the rod end joint and cover come into contact. (see Fig.11)

Turn the handlebar and check the steering to see if it reaches both right and left steering stoppers completely. Make sure the stabilizer does not hit or rub against the fork tube, frame, engine or the front brake line under the steering stem.

Tighten all bolts and nuts after to make sure the installation done right.
Then adjust to your desired level of dampening.



How to adjust the damping force

Turn the adjustable knob clockwise → Harder

Turn the adjustable knob counter-clockwise → Softer

