



SPARES FOR ROYAL ENFIELD AND AMAL

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650 Steering Damper Assembly – 93066



1. Remove 6mm bolts from oil cooler top bracket.



2. Carefully remove bracket from oil cooler top pin.



3. Remove grommet from oil cooler bracket



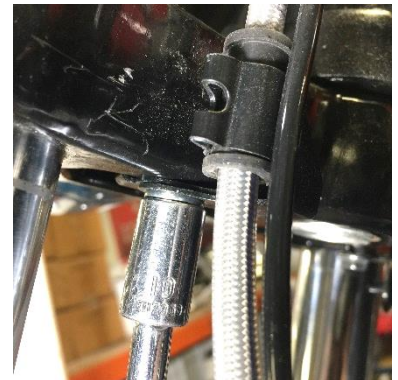
4. Insert grommet into new frame anchor plate.



7. Loosely attach frame anchor plate to damper assembly with M6 flanged bolt, washer and nyloc nut.



5. From the new steering damper kit: pick the 2 friction discs, yoke base plate, middle pressure plate, pressure plate assembly and 2 spring clips.



8. Remove the front brake hose and speed sensor cable brackets by removing M6 bolts under the bottom yoke.



6. Assemble the damper in the order shown in the above photo.



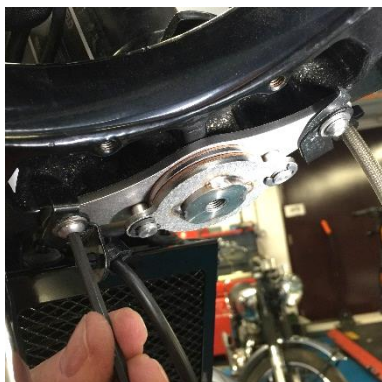
9. Replacing the M6 bolts with the longer M6 button head screws in the kit, you will utilize the cable bracket holes in the bottom yoke to mount the steering damper.



10. Attach the combined frame anchor plate and steering damper assembly, carefully manipulating the grommet over the oil cooler top pin.



11. Reuse the M6 bolts and loosely attach the anchor plate to the frame.



12. Use the longer M6 button heads to attach the damper part of the assembly to the bottom yoke while retaining the cable brackets too.



13. Tighten all the M6 nuts, bolts, button heads. Torque: 10-12 N-m.



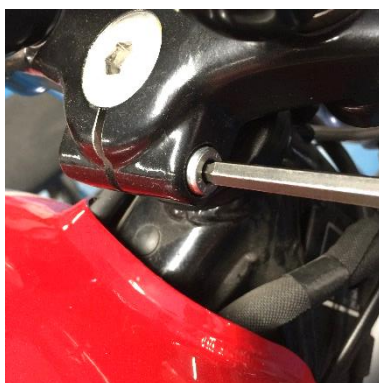
14. Remove handlebars and risers by loosening the bolts under the top yoke.



15. Remove the handlebars and carefully lift over the clocks and out of the way. Protect the headlight with something suitable.



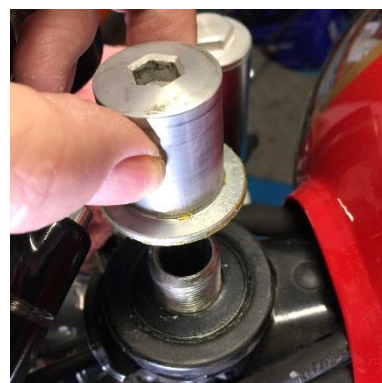
16. Undo the fork clamps x 2.



17. Undo the steering stem clamp.



18. Remove the top yoke and attached clocks and rest on the headlamp. Protect the headlight with something suitable.



19. Remove the original steering stem nut.



20. Replace with the modified steering stem nut and retighten. Torque: 8 N-m. Check that steering is smooth turning in left and right directions.



21. Refit the top yoke and retighten the 3 hex bolt clamps. Torque: 20 N-m.



22. Insert the steering damper knob with spring washer on the rod and insert into modified steering damper stem nut.



26. Adjust steering damper knob to your desired resistance.



23. Tighten steering damper knob until it bites.



27. Before riding check everything works as it should, all fasteners are tight, and all cables are free.



24. Lift handlebars back into position.



25. Refit riser bolts under top yoke. Torque: 45 N-m.