TEC Meteor 350 Tail Tidy / Number Plate Relocator

Included Parts;

- **(1x) Main Mounting plate.**
- **(1x) Indicator mounting plate.**
- **(1x) Multi adjustable bracket for tail reflector.**
- **(3x) Three longer allen bolts.**
- **(3x) Three heat shrink tubes.**
- **(2x) Two self-adhesive rubber packing spacers.**



1. Remove back seat and back rest. (All 4 bolts if you have the back rest, Rear bolts may have “Loctite” on the threads, so will need extra leverage).

2. Remove the number plate mounting bracket, held in by four (4) 5.5mm Allen headed screws. (Other two obscured) Allen key socket is the best tool, as the screws will be in tight and in awkward position.



3. Once you have removed the 4 screws, drop the number plate bracket down. You will see the 3 coloured connectors. Squeeze them and pull apart, you can then remove the assembly.



4. With a 10mm socket or spanner locate the three (3) 10mm nuts that hold the taillight.

5. Undo the bolts and make sure you have the 3 “top hat” rubber spacers.

6. Once the rear lamp is loose, reach under the mudguard, you will find that there are a couple of metal clips that hold the wiring to the mudguard. These are quite sturdy “C” clips, and may need to be prised carefully, the clips open with a flathead screwdriver or similar, to remove the tail lamp loom assembly with the 3 connectors.

7. Feed this end of the indicator wiring through the hole where the number plate light is (it’s easier if you do one connector at a time).



8. Pass the three connectors through the centre hole of the rubber taillight spacer, as far as they come.

9. To prevent the wires being crushed when you tighten the lamp up, fix the two self-adhesive spacers on either side of the rubber taillight spacer.



10. Make sure that the rubber spacer is clean and dry.

11. Remove the parts required from the factory number plate mount.

- **Remove indicators.**
- **Remove wiring connectors from rubber mount.**
- **Then one at a time feed wires through hole and fully remove indicators.**

12. The stickers originally fitted to the indicators face DOWNWARDS when refitting.
Green goes to the right-hand Side, and Red goes to the left-hand Side.

13. Remove the indicator mounting bracket and two allen screws holding on the number plate light, then remove the 3 bolts holding on the original reflector bracket (2 X 10mm locknuts + 1 X 8mm flanged nut) and the nut securing the reflector. (1 X 8mm nut & washer).

14. Fit the original number plate light to the new TEC Tail Tidy mounting plate, along with the TEC indicator light mounting bracket, with the straight edge towards the top of the mounting bracket. Feed the taillight cable through the centre hole, and secure with the original screws.

15. Fit indicators, (Sticker facing downwards) feeding the wire through the "D" shape hole in the bracket and use original nuts to secure indicator stalk. Put a very small dab of "Vaseline" (or similar) on the threads to ease the nuts on.





16. Fit reflector to TEC reflector bracket, (Peg on reflector to slot on bracket) and fit bracket to tail tidy bracket as it is difficult to get to the rear locknuts once the Tail Tidy bracket is fitted. The holes may just need opening slightly with a small round file for the screws to fit through.

17. Take the three M6 longer Allen bolts from the kit and fit an original rubber spacer to each. For easier fitment, run the new bolts into the threads on the taillight with a small dab of "Vaseline" (or similar) first, while tail light threads are still accessible.

18. Offer the plate up to the taillight with the three connectors going below the plate and the cable for the taillight going in the slot, while ensuring that the indicator wires are BETWEEN the two adhesive spaces fitter earlier.



19. From underneath fit one of the securing Allen screws just to hold everything in place and make sure the indicator wires are between the fitted spacers. Then fit the other two bolts and tighten up when you are satisfied everything is in the correct place.

20. Try the lights first before you heat shrink the tubing, then, making sure that you do not apply

heat too long (as this may damage the wiring loom or the paintwork of the bike) shrink the tubing.

21. Adjust TEC reflector bracket for the size of the number plate used, using the two screws.

Please ensure all lights work before using the bike again on the road.

Full instructions can be found on our YouTube channel;
https://www.youtube.com/watch?v=PDb_bPtVsaA&t=1