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## **All Triumph Daytona 600, TT600 and Speed 4 Item 600 series: Tachometer RPM Face Plates Installation Instructions**

### **Parts List:**

One each: SkykingProducts.com Face Plate  
One each: Scratch free cloth  
One each: Needle removal tool (3 Tie wraps)

### **Tools and Materials:**

Front and Rear Stand; socket set; combination wrench set; Socket (Allen) head set; Phillips Head Screwdrivers; cotton swabs; distilled water.

### **Precautions:**

Electrostatic Discharge (ESD) precautions should be adhered to with any electronic device. Avoid contact with any exposed electrical contacts and connectors during this process. Touch the very edges of a circuit card while handling and avoid touching the connector. Avoid ESD damage by not performing this task if the relative humidity drops to 20% or below. Use a rear stand as a minimum and if you have a front stand use that as well during installation. Read the instructions carefully to avoid damage. Keep in mind we are working on delicate instrument. If you have questions about performing any of these tasks seek professional assistance. Have cotton rags in the area where the work will take place for added protection during the installation process. Verify all mounting hardware is tightened to factory specifications.



### Tachometer RPM Face Plate Installation steps:

1. Remove the seat and disconnect the black negative lead from the battery (Phillips Head Screwdriver (PHS)).
2. Remove the front fairing body panel (except Speed 4 of course).
3. Remove the three self tapping bolts that is on the back side if the Instrument Pack (8mm wrench (W))



4. Disconnect the wiring harness connector on the back of the instrument pack.
5. Remove the instrument pack and place it on a clean static free area while working. Note: This might seem extreme but ESD precautions is highly recommended. Clean your hands and do not use static inducing gloves during this process.
6. Place the instrument pack face down and remove the five screws (Phillips Head Screwdriver (PHS)). Note: Use the scratch less cloth to rest the instrument pack to help avoid damage.



7. Carefully separate the front cover and back cover and remove the front cover. Note: Handle the circuit card assembly by edges and lay it face up.



8. Now, this is where it helps to have two people if you have not done this before. One to hold the open faced instrument pack securely and the other to remove the RPM needle.
9. The needle is pressed on but not glued on. The needle will be hard to remove but it will pull free. You must pull from the very center of the RPM needle or it will be damaged. With the needle removal tool as close to the center of the needle and your thumb flatly on the round portion pull straight up until the needle pulls free. Do not let the removal tool slip away from the center or the needle will be damaged.



10. Remove the original RPM face plate by removing two small self-taping screws (PHS).



11. Remove the needle rest pin by slightly bending the original RPM plate and pulling with your fingers until the rest pin drops out. Do not install the rest pin until calibration (Step 16) has been completed.



12. Install the SkykingProducts.com Face Plate using the two screws you removed in step 10.





13. Now gently install and DO NOT fully engage the RPM Needle 20mm lower than the RPM rest pin would be as your initial setting. You may have to remove and install RPM Needle one additional time so do not fully engage the needle if you can help it.



14. Without touching or damaging the circuit card assembly install connector without the front cover on to the cockpit of the motorcycle.
15. Prior to proceeding any further make certain you have the motorcycle secured on the front and rear stands and the gear box is in neutral.
16. Connect the Battery (PHS) and start the motorcycle rev engine once and see where the RPM needle stops at when the ignition is turned off. If it is not at zero or where the rest pin would be then measure the distance, remove the needle and re-install it exactly the same distance it was off by.
17. Try this process a few times until instrument calibration is completed.
18. Disconnect black lead from the battery disconnect the wiring harness connector.
19. Remove the instrument pack from cockpit motorcycle.

20. Remove all the fingerprints that is on the instrument pack. Do not touch the circuit card assembly but clean with the Scratch free cloth and cotton swaps the SkykingProducts.com Face Plate and the front cover. Use distilled water by dampening the cloth sparingly. Clean both side of the front cover as well. Remove all lint and cotton swap hairs now. Install the RPM Needle and the RPM rest pin.



21. Install the five screws that was removed in step 5 and complete final assembly of the instrument pack.





22. Connect the wiring harness connector to the back of the instrument pack that was removed in step 4.
23. Position the instrument pack to the cock pit of the motorcycle and install the three self tapping on the back side if the instrument pack (8mm wrench (W) that were removed in step 3.
24. Install the front fairing body panel (except Speed 4 of course) that was removed in step 2.
25. Connect the black negative lead from the battery (Phillips Head Screwdriver (PHS)).
26. Install seat that you removed in step 1.
27. Engage clutch and start engine.
28. Clean up, double check your work and make certain all fasteners are tightened to factory specifications. Take a short test drive and double-check your work again.

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WARRANTY AND REMEDY:

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Skyking hereby warrants that at the time of delivery thereof the parts bought will be free from defects in material and workmanship and will conform to the requirements of the order. Skyking assumes no liability for faulty or improper installation or use. All claims under this warranty must be made in writing to Skyking. Upon receipt of authorization from Skyking, the parts claimed to defective or non-conforming must be returned freight prepaid, to Skyking. Skyking will repair, or its option, replace any defective or non-conforming parts and will return the repaired part or its replacement without charge. The failure to give Skyking written notice of any claim hereunder within the warranty period shall constitute a waiver of all claims hereunder. The foregoing states Skyking's remedy for any breach of warranty and for any claim whether sounding in contract or tort, based upon any defect in Skyking's parts. This warranty does not extend to the parts that have been altered or repaired nor does it extend to parts that has been subjected to misuse, neglect, accident, or improper installation. Skyking shall not, in any event, be liable for any incidental or consequential damages nor for any other damages more than the purchase price for the part. By accepting and or installing this item you fully agree to the terms and conditions of the warranty. THE FOREGOING WARRANTIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES, WRITTEN, ORAL, OR IMPLIED, INCLUDING WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.