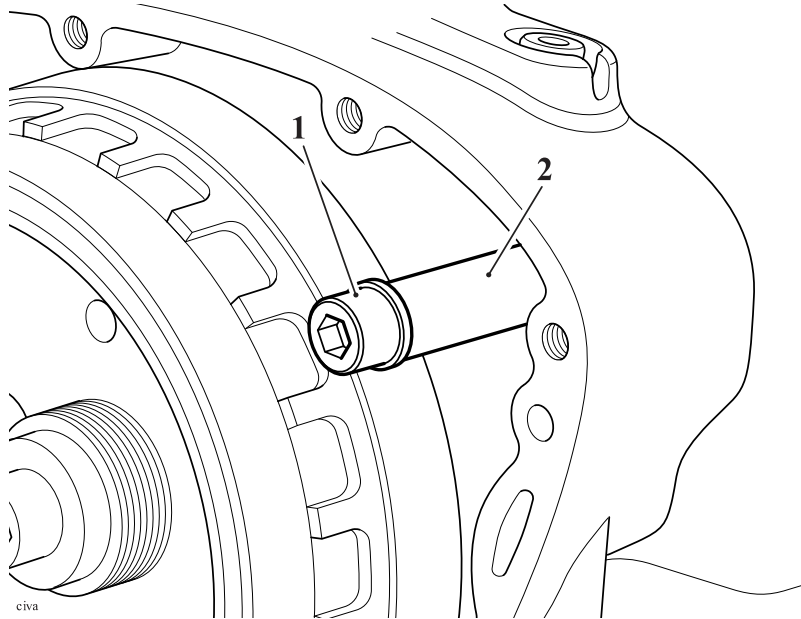


Alternator Cover - Installation

WARNING

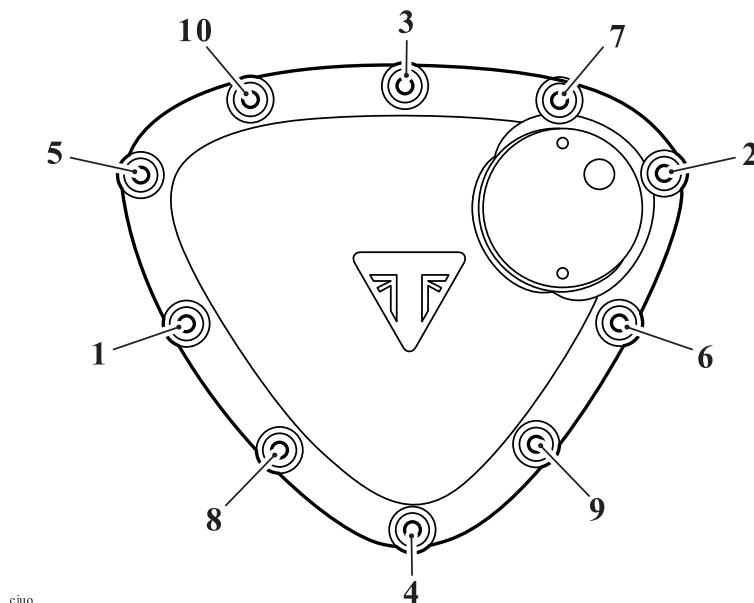
The rotor magnets are very strong. When handling the alternator cover the magnets may 'grab' the stator, causing injury to the hands or fingers. When handling the alternator cover wear suitable gloves and only grip the alternator cover by the outside surfaces; always keep hands and fingers clear when handling the alternator cover.

1. Fit a new O-ring to the balancer dead shaft.



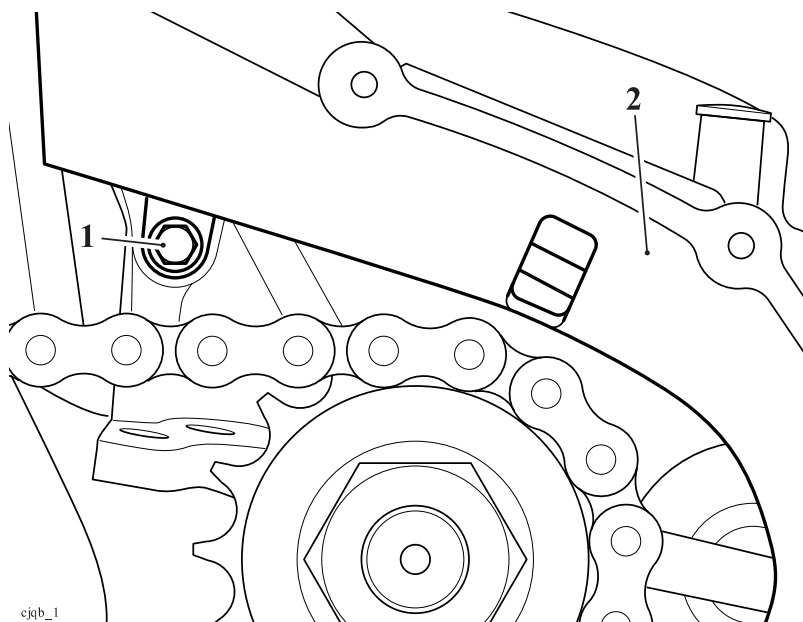
1. **O-ring**
2. **Balancer dead shaft**

2. Position a new gasket to the crankcase dowels and refit the alternator cover.
3. Tighten the fixings to **10 Nm**, in the sequence shown below.



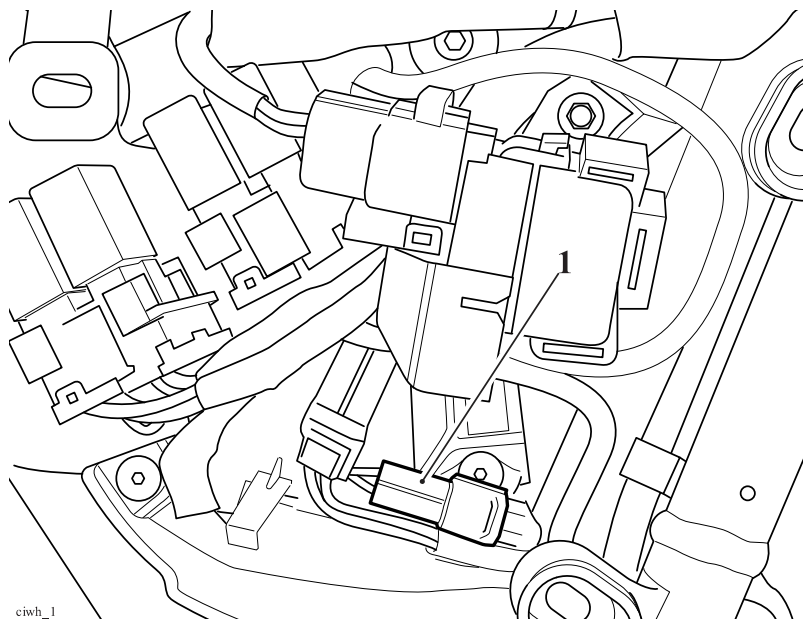
Tightening Sequence

4. Re-tighten fixings one and two to **10 Nm**.
5. Route the alternator harness to the alternator regulator rectifier securing it to its clips as noted for removal.
6. Carefully fit the alternator harness into the harness guide as noted for removal.
7. Secure the harness guide to the crankcase and tighten the new fixing to **4 Nm**.



1. **Fixing**
2. **Harness guide**

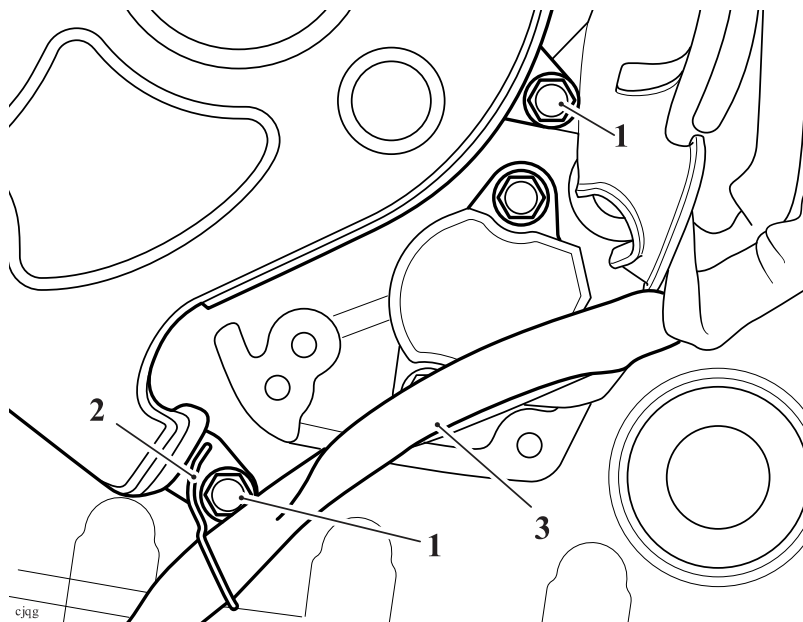
8. Route the crankshaft position sensor harness through the frame to the right hand side of the airbox, as noted for removal.
9. Connect crankshaft position sensor electrical connector to the main harness.



ciwh_1

1. Crankshaft position sensor electrical connector

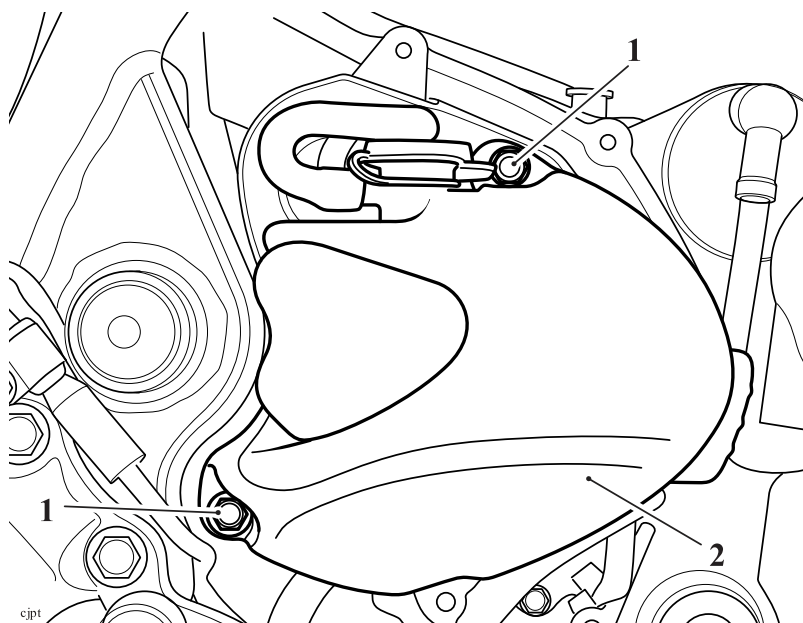
10. Refit the brake fluid reservoir to the relay bracket, and tighten the new fixing to **3 Nm**.
 11. Attach the alternator harness to the coolant expansion tank mounting, fit the coolant expansion tank mounting and tighten its fixings to **7 Nm**.



cjqg

1. Fixings
 2. Harness clip
 3. Alternator harness

12. Refit the coolant expansion tank to its mounting bracket and tighten the new lock nuts to **3 Nm**.



1. Lock nuts
2. Coolant expansion tank

- Refit the alternator regulator/rectifier (see [Alternator Regulator/Rectifier - Installation](#))
- Refit the front sprocket cover (see [Front Sprocket Cover - Installation](#)).
- Refit the right hand side panel (see [Side Panels](#)).
- Reconnect the battery, positive (red) lead first (see [Battery - Installation](#)) and tighten the terminals to **4.5 Nm**.
- Refit the seat (see [Seat - Installation](#)).