Safety Recall Action Notice 574
Issue 1 - 03.2020

Subject: Ignition Switch Subharness Routing			
Bulletin Number	Models Affected	VIN Range	Markets Affected
574	Trophy, Trophy SE	From VIN 561284 to VIN 795295	All Markets

Background Information

Internal investigations have identified that the front brake hose, if incorrectly routed, can cause damage to the ignition switch subharness wiring.

Dealers are requested to check and, if necessary, reroute the ignition switch subharness as described in the procedure below.

Notice

STOP DELIVERY OF AFFECTED MOTORCYCLES IMMEDIATELY.

DO NOT deliver a motorcycle affected by this Safety Recall Action Notice to a customer until you have completed, or confirmed completion of, the procedures described in this Safety Recall Action Notice.

Delivering a motorcycle subject to an outstanding Safety Recall Action Notice may contravene local or national laws in your market, territory or country.

Triumph subsidiaries and distributors must instigate a Safety Recall Action in their country in accordance with the national recall code of practice. For vehicles in distributor or dealer stock the safety recall MUST be actioned before delivery to the customer.

Identification of Affected Motorcycles

Trophy and Trophy SE models from VIN 561284 to VIN 795295.

Note:

- **Some affected motorcycles listed in the VIN range will have been modified and repaired by Triumph prior to their release from the factory.**
- **Unmodified motorcycles can be identified by checking the 'VIN Enquiry' on www.triumphonline.net.**

Warranty Claim Instructions

Bulletin Number	Fault Code	Repair Code	Description	Repair Time Allowance
574	01291094	995741	Inspection only	0.10 hours
		995742	Reroute ignition switch subharness wiring	0.50 hours

Parts Ordering Instructions

For Triumph Subsidiary and Overseas Distributor dealers using Triumph Warranty On-Line with Parts Auto Ordering Flag switched on: Order all repair parts by submitting a New Prior through the Warranty On-Line system. Entering the above repair code in a New Prior will automatically add the parts required and labour times for this Safety Recall Action Notice.

For Overseas Distributor dealers NOT using Triumph Warranty On-Line or for Overseas Distributor dealers using Triumph Warranty On-Line with Parts Auto Ordering Flag switched off: Orders should be placed using the normal parts ordering procedure.

Genuine Parts Information

Bulletin Number	Part Number	Description	Quantity	Kit Content
574	T2503217	Rework kit, VJ Ignition Lock	1	1 x 80 mm Conduit
				2 x Cable Tie - 200 mm long

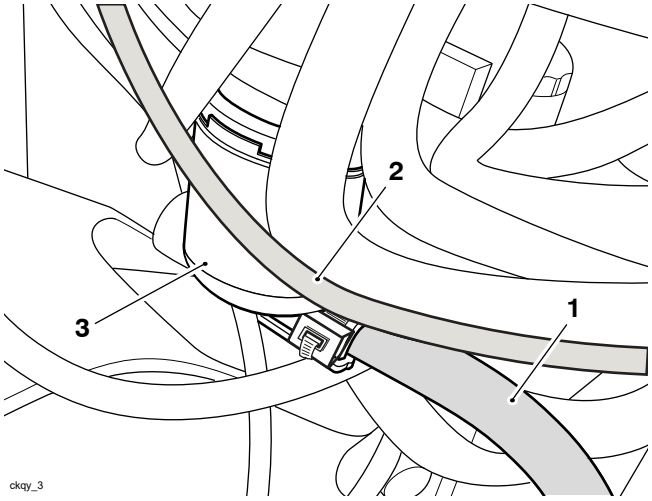
Other Instructions

Once completed, please mark the Service Record Book that the requirements of this bulletin have been complied with.

Before returning the motorcycle to the customer, download the latest calibration to the engine control module using the current version of the Triumph diagnostic software.

Ignition Switch Subharness - Routing Inspection

1. Check that the ignition switch subharness is routed below the front brake hose and is undamaged.



1. **Ignition switch subharness**
2. **Front brake hose**
3. **Ignition switch**

2. If correctly routed and undamaged, no further action is required. Complete check only warranty claim.
3. If incorrectly routed, refer to Ignition Switch Subharness – Inspect, Fit Conduit and Reroute"

Ignition Switch Subharness - Inspect, Fit Conduit and Reroute

Reroute the ignition switch subharness following the procedure described below.

⚠ Warning

Make sure the motorcycle is stabilised and adequately supported.
A correctly supported motorcycle will help prevent it from falling.
An unstable motorcycle may fall, causing injury to the operator or damage to the motorcycle.

1. Disconnect the battery as described in the Service Manual.

Note:

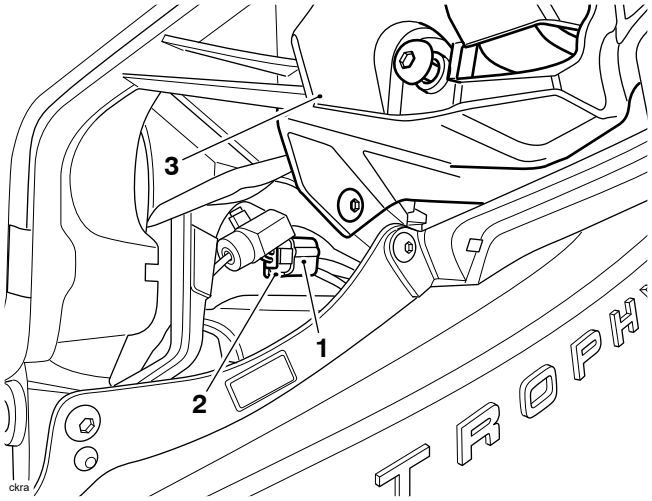
- **The windscreen is removed to allow for access only.**

2. Remove the windscreen as described in the Service Manual.
3. Remove the left indicator as described in the Service Manual.
4. Remove the left hand upper mirror cover as described in the Service Manual.

Note:

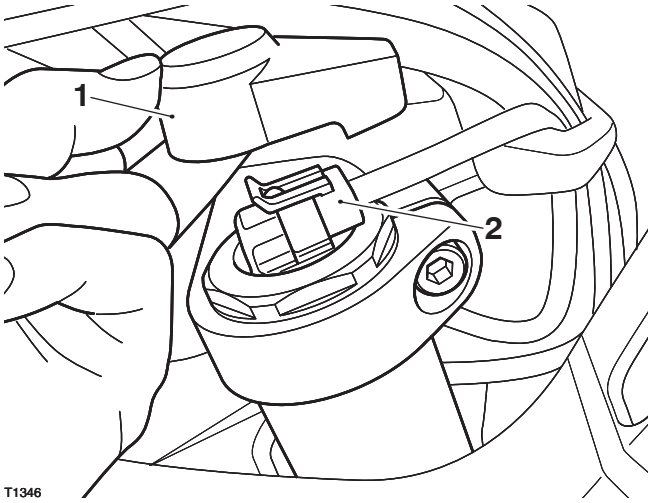
- **The ignition switch subharness electrical connector is located behind the left hand indicator, directly below the immobiliser control module.**

5. Depress the latch on the main harness electrical connector and then disconnect the ignition switch subharness electrical connector.



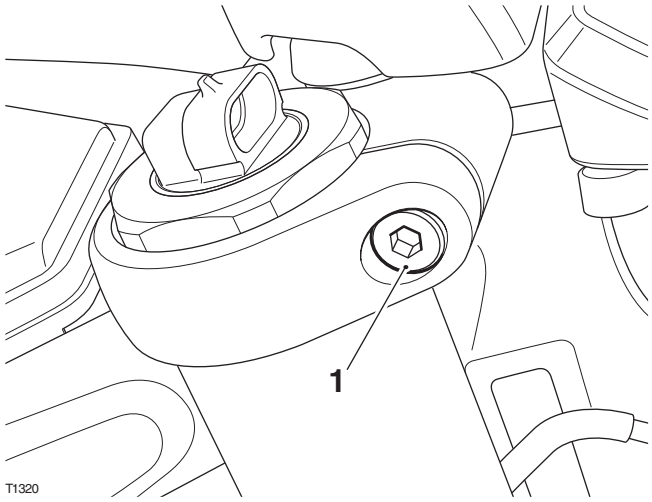
1. **Ignition switch harness connector (main harness)**
2. **Latch**
3. **Indicator housing (left hand side)**

6. **Trophy SE only:** Remove the Triumph Electronic Suspension (TES) rebound damping motor connector cover from each stanchion.
7. Disconnect the TES rebound damping motor connector from each stanchion.



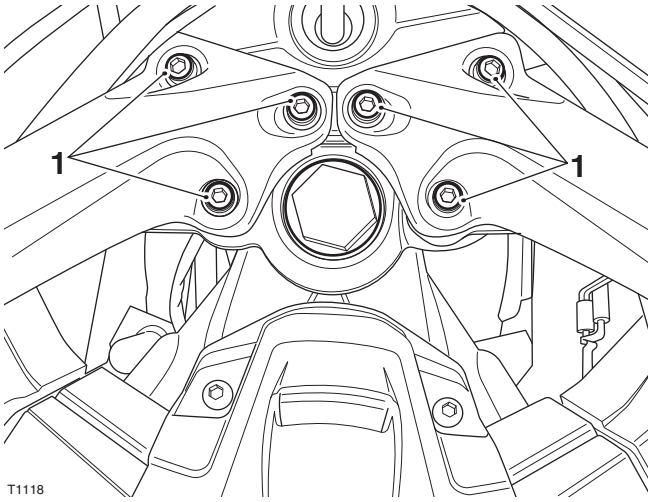
1. **TES connector cover**
2. **TES rebound damping motor connector**

8. Remove the upper yoke clamp fixings.



1. Upper yoke clamp fixing (right hand side shown)

9. Remove the handlebars and position to one side.



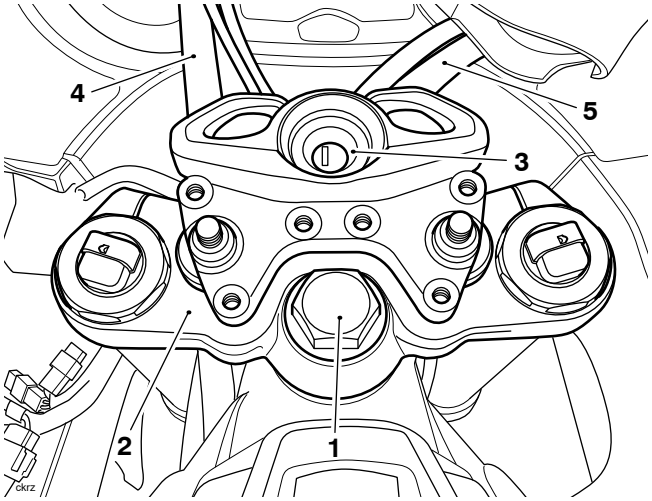
1. Handlebar fixings

Note:

- **Protect the surfaces of the top yoke and upper nut using a suitable cloth or tape to prevent scratching.**

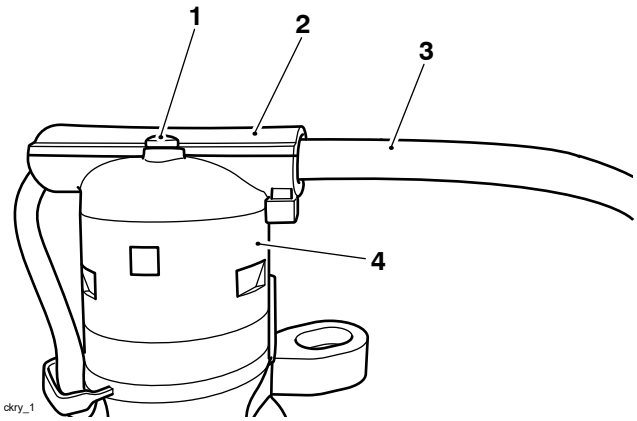
10. Remove the headstock upper nut.

11. Remove the upper yoke and ignition switch assembly.



1. **Headstock upper nut**
2. **Upper yoke**
3. **Ignition switch assembly**
4. **Harness (left hand side)**
5. **Harness (right hand side)**

12. Remove the cover from the base of the ignition switch.



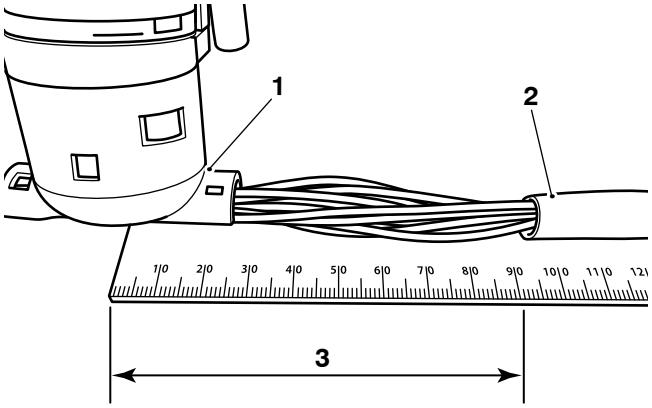
1. **Fixing**
2. **Cover**
3. **PVC tube**
4. **Ignition switch**

⚠ Caution

When trimming the PVC tube take care not to cut the ignition switch wires .
Cutting the ignition switch wires may cause irreparable damage to the ignition switch subharness.
Cutting any of the ignition switch wires in error will invalidate the Ignition switch warranty.

13. Trim the PVC tube to expose at least 90mm of the wires as they exit the ignition switch body.

14. Examine the exposed wiring for damage. If damage is observed undertake appropriate repairs or contact Triumph for further instruction



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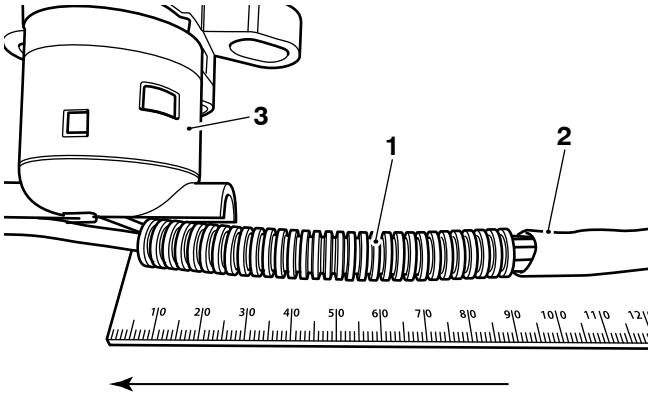
1. **Ignition switch body**
2. **PVC tube**
3. **90mm (exposed wires)**

Note:

- **The conduit must not overlap the PVC tube.**
- **If the conduit overlaps the PVC tube trim the PVC tube to the required length.**

15. Fit the conduit over the exposed wires, do not allow the conduit to overlap the trimmed PVC tube.



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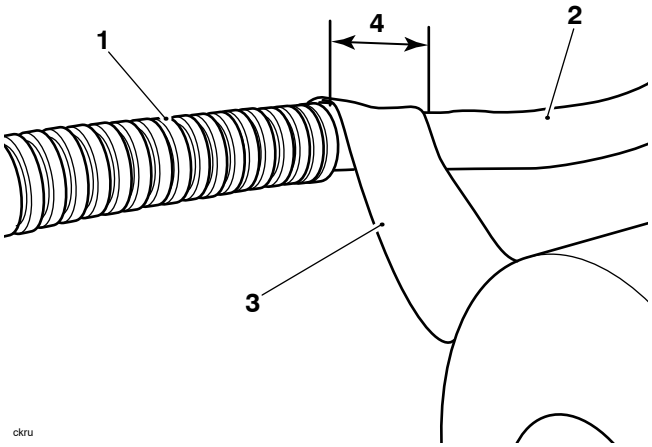
1. **Conduit**
2. **PVC tube**
3. **Ignition switch**

16. Wrap the PVC tube with insulating tape. Starting a minimum of 20 mm from the end of the PVC tube wrap the insulating tape overlapping a minimum of half the tape's width.

17. Position the conduit to the PVC tube as shown below.

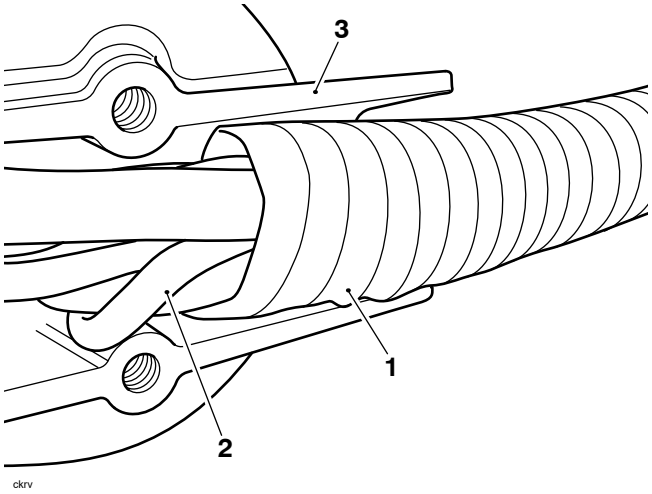


1. **Conduit**
2. **PVC tube**
3. **Insulating tape**
4. **Tape width**

Note:

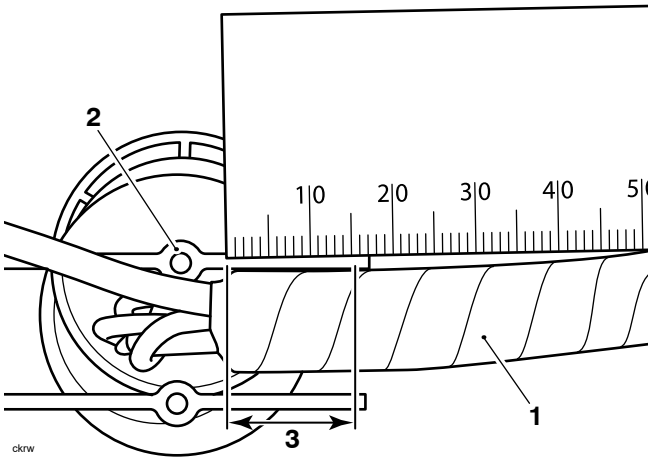
- **As the tape is applied, make sure the tape overlaps itself by least half of the tapes width.**

18. Continue to wrap the insulating tape until the conduit is fully covered. Cut the insulation tape.



1. **Insulating tape**
2. **Ignition switch wires**
3. **Ignition switch body**

19. Position the conduit so that it overlaps the plastic body of the ignition lock by at least 15mm.

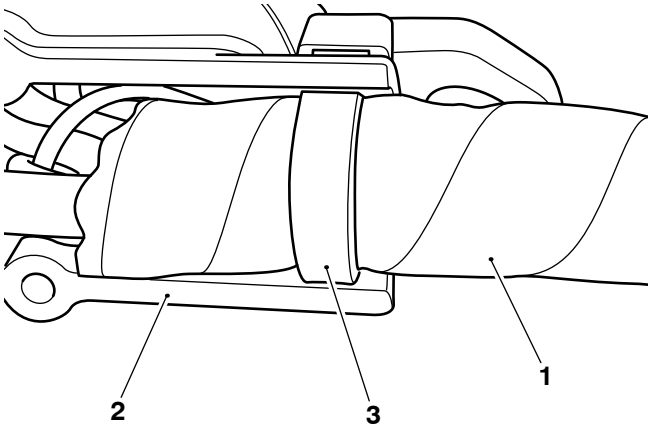


1. **Conduit**
2. **Ignition switch**
3. **Overlap (15mm)**

Note:

- **There are two holes in either side of the ignition lock body stem through which a cable tie can be passed.**

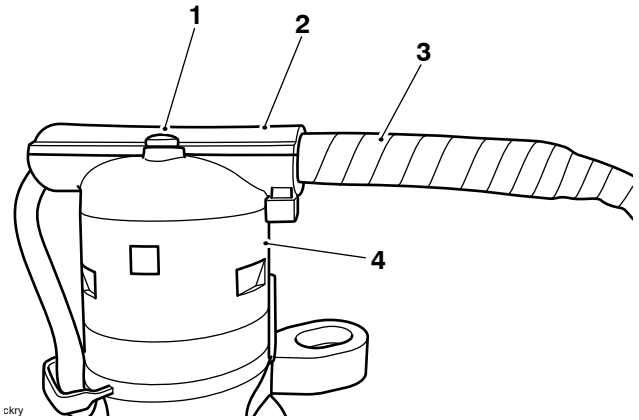
20. Pass a cable tie through the two holes, then tighten and trim the cable tie.



1. **Conduit (wrapped in insulating tape)**
2. **Ignition lock body stem**
3. **Cable tie**

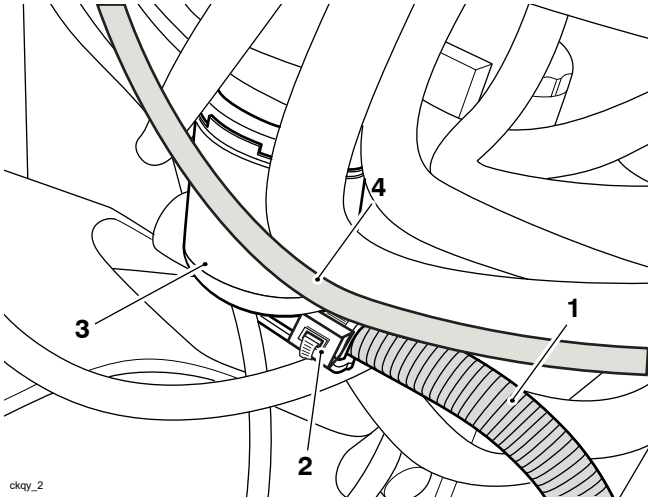
21. Refit the plastic cover making sure it covers the exposed wires and newly added conduit.

22. Tighten the fixing to **0.25 Nm**.



1. **Fixing**
2. **Cover**
3. **Conduit**
4. **Ignition switch**

23. Route the switch housing subharness to the left hand side of the motorcycle. Make sure it is routed below the front brake hose.



1. **Ignition switch subharness**
2. **Cable tie**
3. **Ignition switch**
4. **Front brake hose**

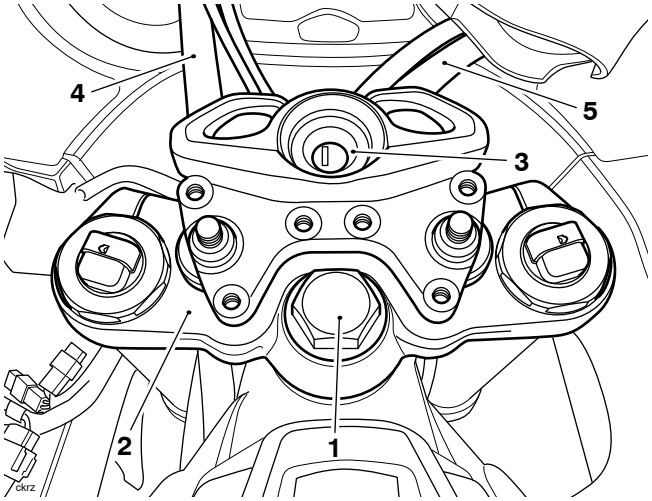
24. Refit the upper yoke and ignition switch assembly.

Note:

- **Protect the surfaces of the top yoke and upper nut using a suitable cloth or tape to prevent scratching.**

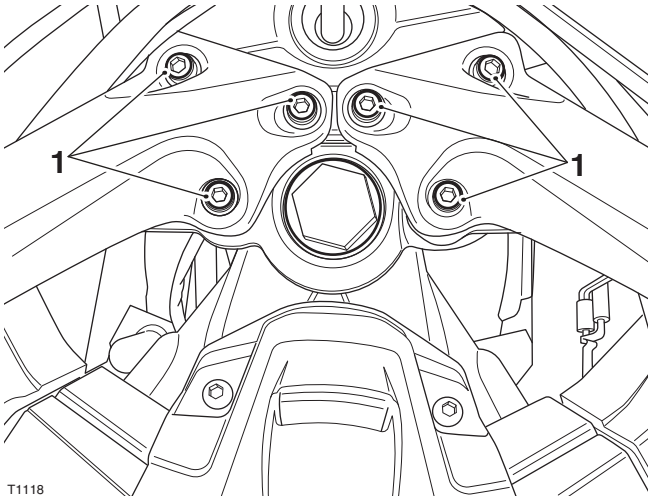
25. Tighten the headstock upper nut to **90 Nm**.

26. Tighten the upper yoke clamp fixings to **25 Nm**.



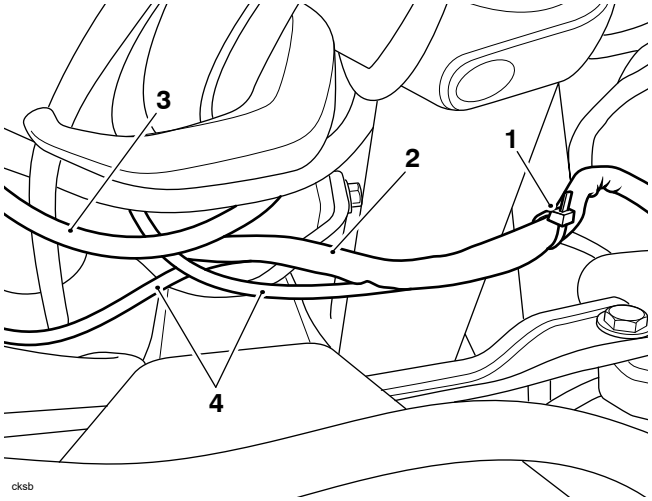
1. **Headstock upper nut**
2. **Upper yoke**
3. **Ignition switch assembly**
4. **Harness (left hand side)**
5. **Harness (right hand side)**

27. Refit the handlebars and tighten the fixings to **26 Nm**.



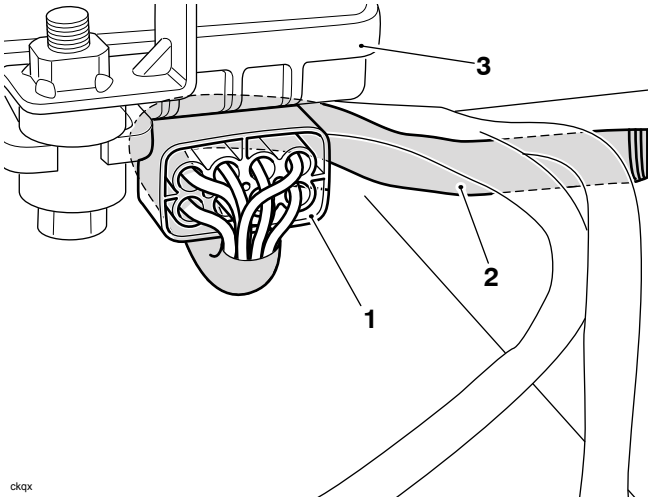
1. **Handlebar fixings**

28. Position the TES cables to the ignition switch subharness and secure with a cable tie.



1. **Cable tie**
2. **Ignition switch subharness**
3. **Brake hose**
4. **TES cables**

29. Loop the ignition switch subharness so that the harness is positioned below the connector and then connect to the main harness electrical connector.



1. **Ignition switch electrical connector**
2. **Ignition switch subharness**
3. **Immobiliser**

30. Refit the left hand upper mirror cover as described in the Service Manual.
31. Refit the left hand indicator as described in the Service Manual.
32. Refit the windscreen as described in the Service Manual.
33. Refit the battery as described in the Service Manual.

⚠ Warning

Move the handlebars to left and right full lock while checking that the brake hose, clutch hose and electrical harnesses do not bind or that the steering feels tight or difficult to turn. A hose, cable or harness that binds, or steering that is tight/difficult to turn will restrict the steering and may cause loss of control and an accident.

Check for correct operation of the front brake, clutch and twist grip. Check that the brake hose, clutch hose and electrical harnesses do not bind or restrict the steering when the handlebars are turned from lock-to-lock. Rectify as necessary.

Circulation

Initial and date when read and return to central file holder

Service Manager	Parts Manager	Sales Manager	Workshop Supervisor	Technician 1	Technician 2