

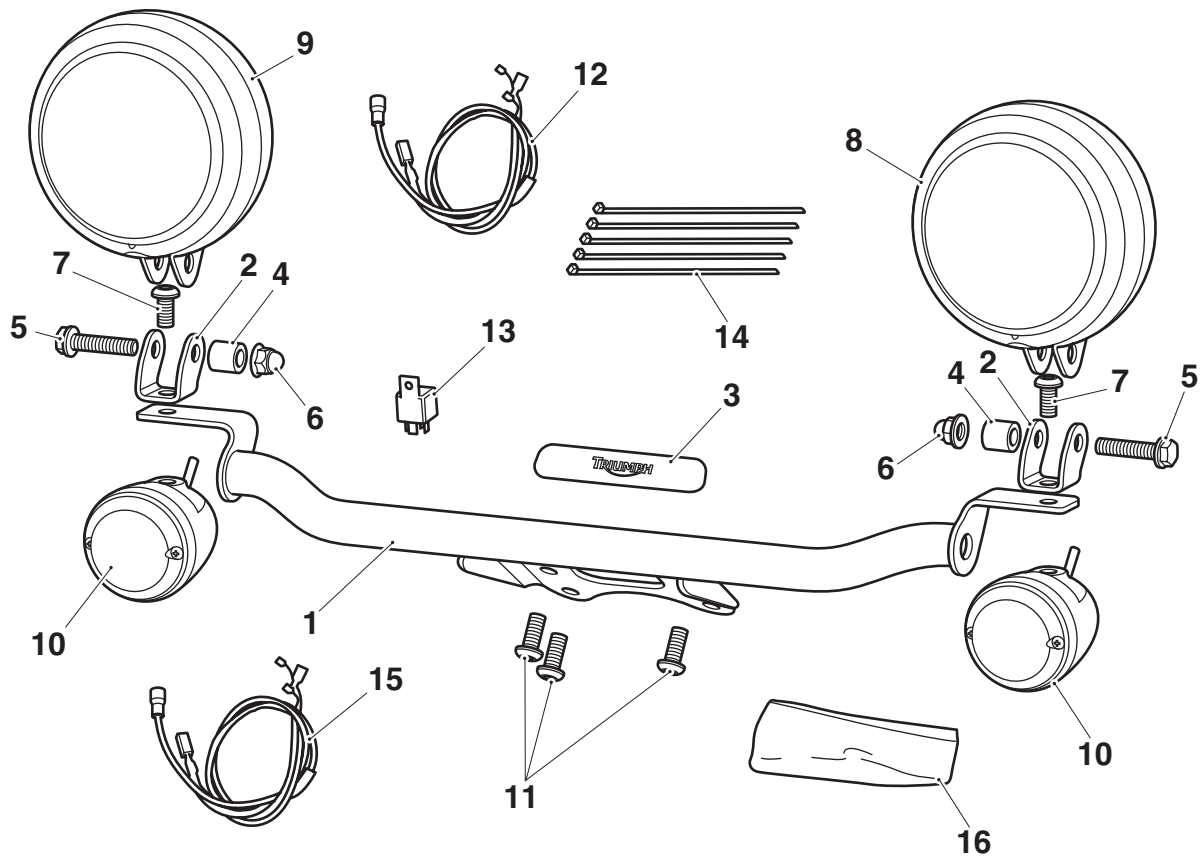
Fitting Instructions:
America and Speedmaster
A9838002 and A9838006

Thank you for choosing this Triumph genuine accessory kit. This accessory kit is the product of Triumph's use of proven engineering, exhaustive testing, and continuous striving for superior reliability, safety and performance.

Completely read all of these instructions before commencing the installation of the accessory kit in order to become thoroughly familiar with the kit's features and the installation process.

These instructions should be considered a permanent part of your accessory kit, and should remain with it even if your accessory-equipped motorcycle is subsequently sold.

A9838002 and A9838006



Parts Supplied:

1. Light bar	1 off	9. Lamp unit	1 off
2. Lamp mounting bracket	2 off	10. Indicator unit, kit A9838002 only	2 off
3. Finisher, light bar, kit A9838002 only	1 off	11. Screw, M8 x 20 mm	3 off
4. Spacer	2 off	12. Harness, lamp	1 off
5. Bolt, M8 x 35 mm	2 off	13. Relay	1 off
6. Nut, M8	2 off	14. Cable ties	5 off
7. Screw, M8 x 16 mm	2 off	15. Harness, indicator, kit A9838006 only	2 off
8. Lamp unit, with switch	1 off	16. Cleaning wipe, kit A9838002 only	1 off



Warning

This accessory kit is designed for use on Triumph America and Speedmaster motorcycles only and should not be fitted to any other Triumph model or to any other manufacturer's motorcycle. Fitting this accessory kit to any other Triumph model, or to any other manufacturer's motorcycle, may interfere with the rider and could affect the handling, stability or other aspects of the motorcycle's operation which may result in loss of motorcycle control and an accident.



Warning

Always have Triumph approved parts, accessories and conversions fitted by a trained technician of an authorised Triumph dealer. The fitment of parts, accessories and conversions by a technician who is not of an authorised Triumph dealer may affect the handling, stability or other aspects of the motorcycle's operation which may result in loss of motorcycle control and an accident.



Warning

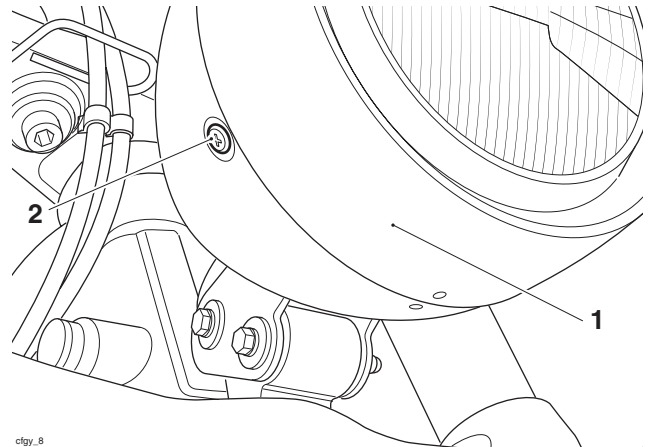
Throughout this operation, ensure that the motorcycle is stabilised and adequately supported on a paddock stand to prevent risk of injury from the motorcycle falling.



Warning

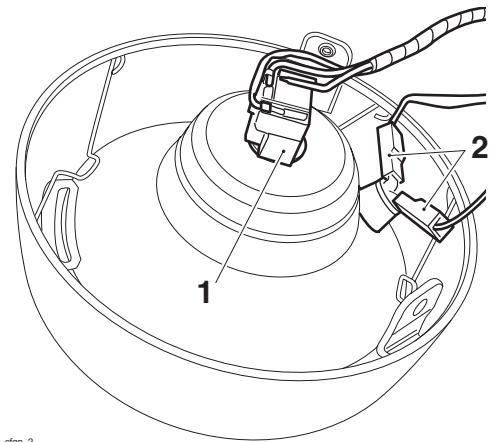
A torque wrench of known accurate calibration must be used when fitting this accessory kit. Failure to tighten any of the fasteners to the correct torque specification may affect motorcycle performance, handling and stability. This may result in loss of motorcycle control and an accident.

1. Disconnect the battery, negative (black) lead first.
2. Remove the fuel tank, as described in the service manual.
3. **Models with windscreen kit A9708237 or A9708238 fitted only:** Remove the windscreen, as described in its instructions.
4. Remove the screws securing the headlight to the headlight bowl.



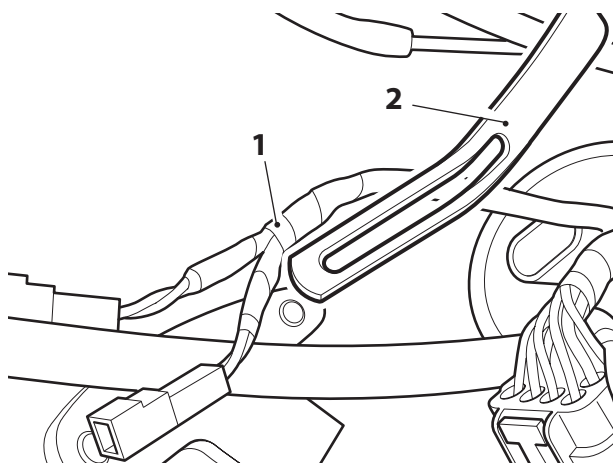
1. Headlight
2. Screw (1 of 2)

5. Detach the headlight from its bowl while supporting it to prevent the cables from being over extended.
6. Disconnect the headlight and position lamp electrical connectors.



1. Headlight connector
2. Position lamp connectors

7. Release the strap which may be retaining the indicator harness to the headlight bowl.



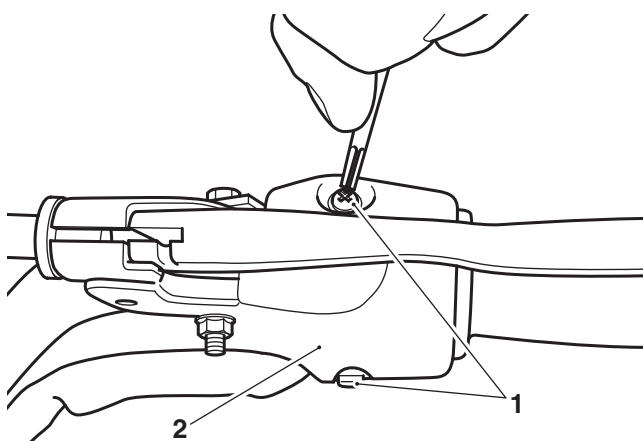
1. Indicator harness
2. Strap

Note:

- For Triumph Speedmaster without windscreen kit A9708238 fitted, continue from step 8 to step 21. Then continue from step 36.
- For Triumph Speedmaster with windscreen kit A9708238 fitted, continue from step 22 to step 29. Then continue from step 36.
- For Triumph America, continue from step 30.

Triumph Speedmaster without Windscreen Kit A9708238 Fitted

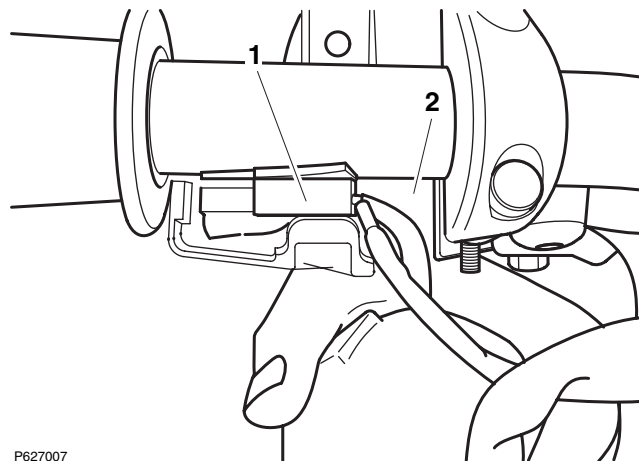
8. Release the screws and detach the left hand switchgear.



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1. Screws
2. Switchgear

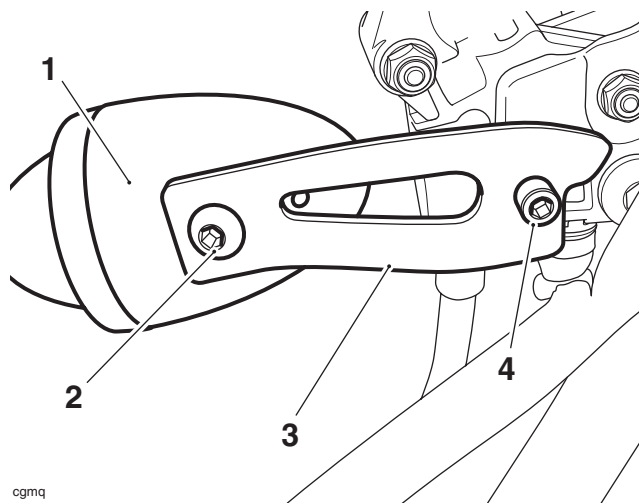
9. Free the indicator wiring from the recess in the switchgear.



P627007

1. Indicator connector, left hand side shown
2. Recess

10. Disconnect the indicator wiring connector.
11. Release the screw securing the indicator to its bracket and remove the indicator. Retain the screw if the motorcycle is to be returned to its original condition.

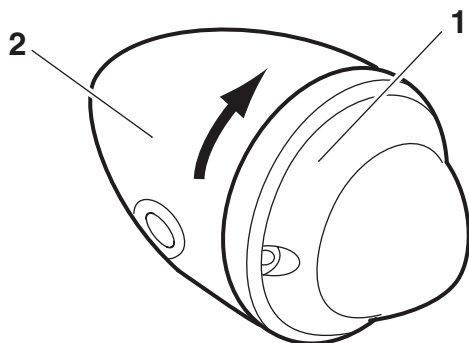


cgmq

1. Indicator
2. Screw
3. Bracket
4. Bolt

12. Release the bolt and remove the indicator bracket. Retain the bolt and bracket if the motorcycle is to be returned to its original condition.
13. Refit the switchgear and tighten the screws to **3 Nm**.

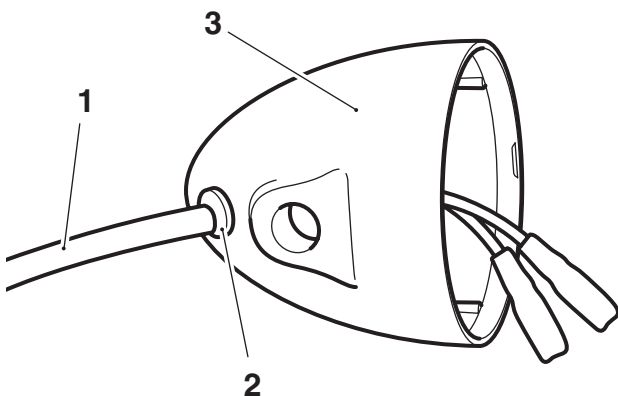
14. Carefully rotate the indicator lens clockwise and gently pull forward to detach it from the indicator housing.



T908051_2

1. Indicator lens
2. Indicator housing

15. Disconnect the connectors from the bulb housing and lens assembly.
16. Remove the harness and grommet from the indicator housing. Retain the harness and grommet if the motorcycle is to be returned to its original condition.

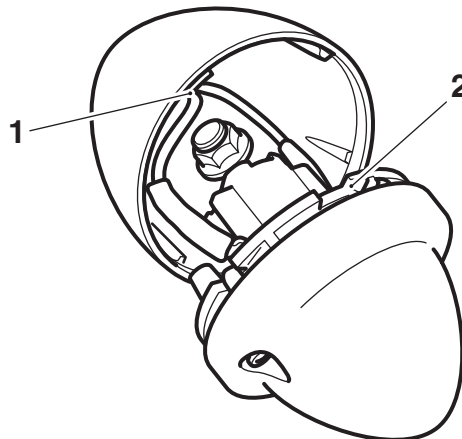


cgmj

1. Harness
2. Grommet
3. Indicator housing

17. Collect an indicator harness from the kit and feed it into the indicator housing and fit the grommet.
18. Connect the connectors to the bulb housing and lens assembly.

19. Align the locating slots in the bulb housing and lens assembly to the locating tangs on the indicator housing. Then turn anti-clockwise to lock the lens assembly into position. Ensure that the drain hole in the indicator lens is at the bottom.



cgmj

1. Locating slot, top shown
2. Locating tang, top shown

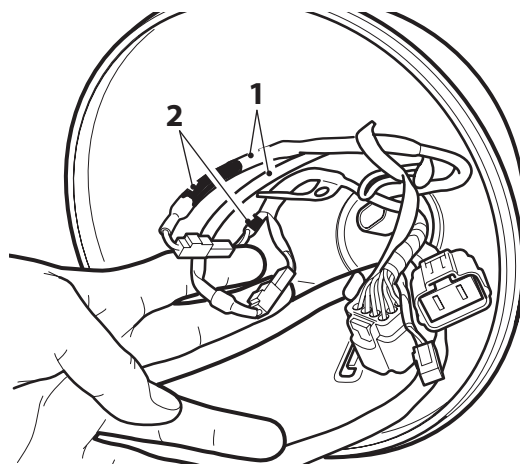
20. Repeat steps 8 to 19 for the right hand indicator.
21. Mark the free end of one of the indicator harnesses to show it is for the right hand side.

Triumph Speedmaster with Windscreen Kit A9708238 Fitted

22. Locate the indicator harnesses in the headlight bowl and disconnect from the motorcycle wiring harness.

Note:

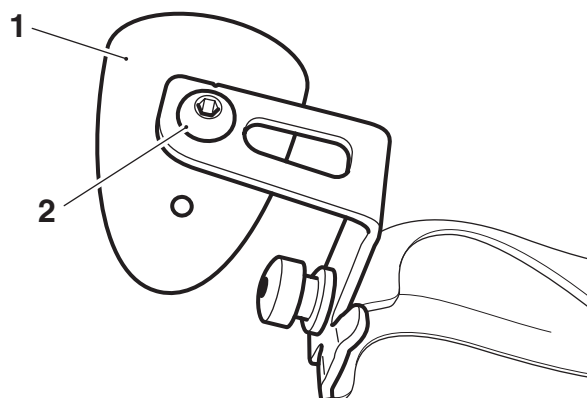
- Note that the right hand indicator wiring is identified by a section of red tape.



1. Indicator harness
2. Red tape, right hand indicator

23. Carefully feed both direction indicator harnesses out of the headlight bowl.

24. Release the screw and detach the indicators from their mounting brackets. Retain the screws for re-use.



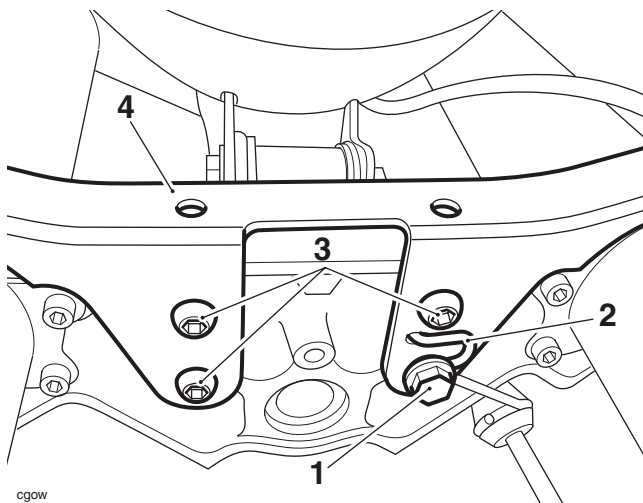
cgmn

- 1. Indicator
- 2. Screw

Note:

- **Note the position of the wire guide for installation.**

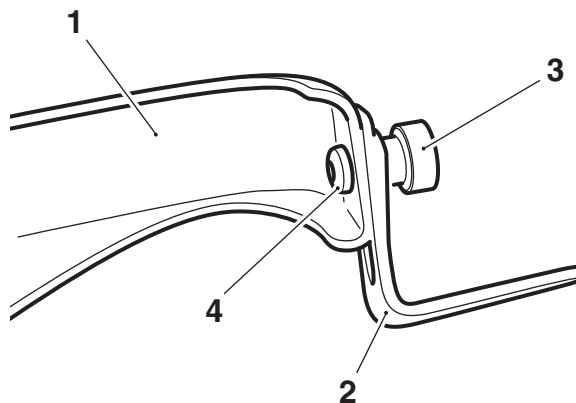
25. Detach the wire guide from the lower yoke. Retain the bolt and wire guide for re-use.
26. Release the M8 screws and remove the lower mounting bracket.



cgow

- 1. Bolt
- 2. Wire guide
- 3. M8 screws
- 4. Lower mounting bracket

27. Remove both spools and indicator brackets from the lower mounting bracket. Retain the M6 screws for re-use. Retain the indicator brackets and spools if the motorcycle is to be returned to its original condition.



cgmm

- 1. Lower mounting bracket
- 2. Indicator bracket, right hand side shown
- 3. Spool
- 4. M6 screw

28. Collect the M6 x 21 mm spool from the windscreen mounting kit A9708238 and fit to the lower mounting bracket and tighten the original screw to **9 Nm**.
29. Mark the free end of one of the indicator harnesses to show it is for the right hand side.

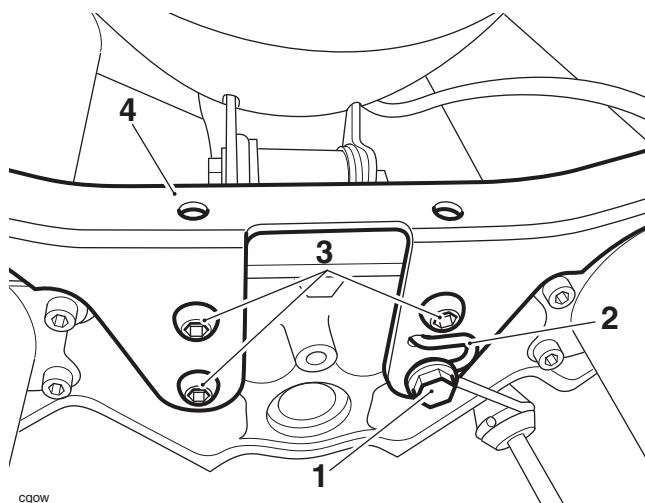
Triumph America

Note:

- **Note the position of the wire guide for installation.**

30. Detach the wire guide from the lower yoke. Retain the bolt and wire guide for re-use.

31. **For models with the windscreen kit A9708237 fitted:** Release the M8 screws.



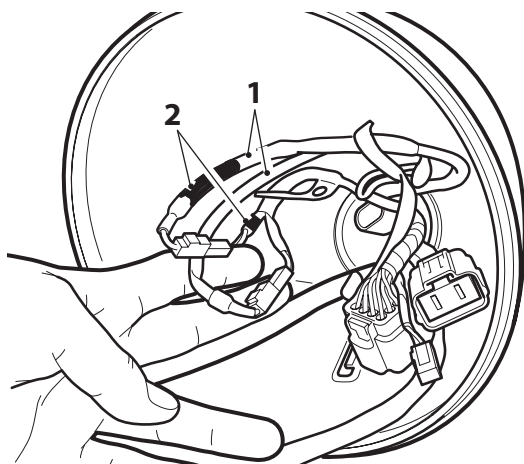
cgow

- 1. Bolt
- 2. Wire guide
- 3. M8 screws
- 4. Lower mounting bracket

32. Locate the indicator harnesses in the headlight bowl and disconnect from the motorcycle wiring harness.

Note:

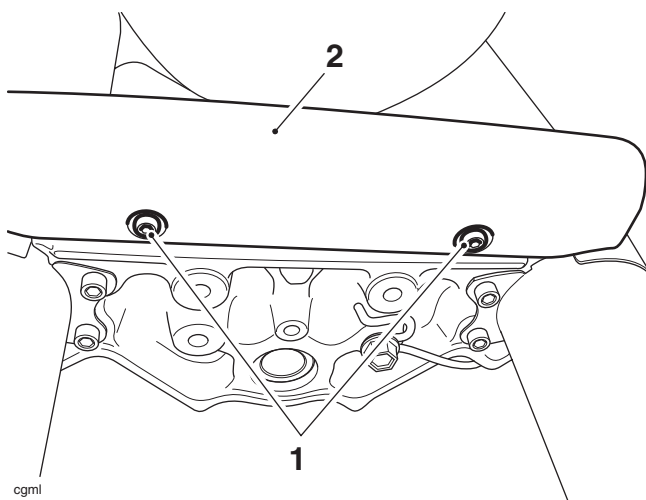
- **Note that the right hand indicator wiring is identified by a section of red tape.**



- 1. Indicator harness
- 2. Red tape, right hand indicator

33. Carefully feed both direction indicator harnesses out of the headlight bowl.

34. Release the bolts and remove the cover from the front indicator bracket. Retain the bolts and the cover if the motorcycle is to be returned to its original condition.



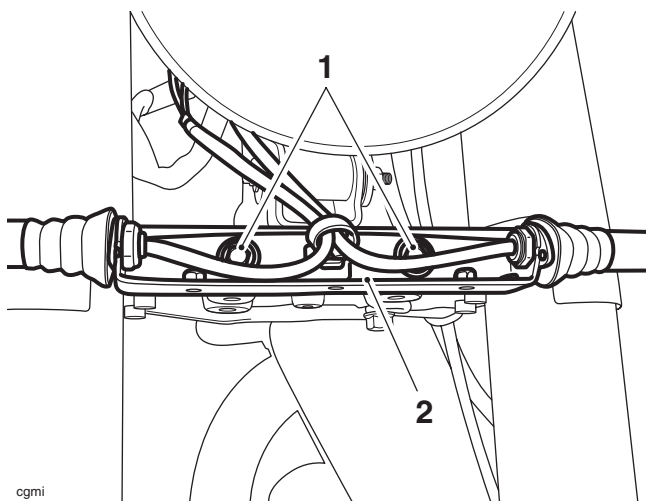
cgmi

- 1. Bolts
- 2. Cover

Note:

- **For models with the windscreen mounting kit A9708237 fitted, collect the spacers from behind the front indicator bracket assembly.**

35. Release the bolts and remove the front indicators and bracket assembly. Retain the bolts, spacers (if fitted), indicators and bracket assembly if the motorcycle is to be returned to its original condition.



cgmi

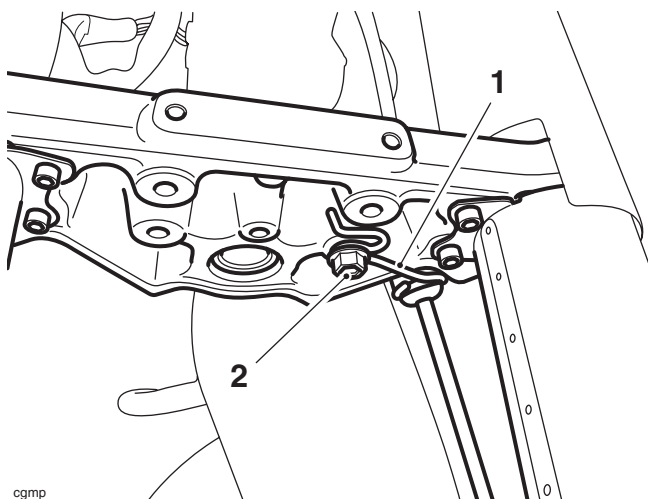
- 1. Bolts
- 2. Indicator bracket

All Models

Note:

- **Note the position of the wire guide for installation.**

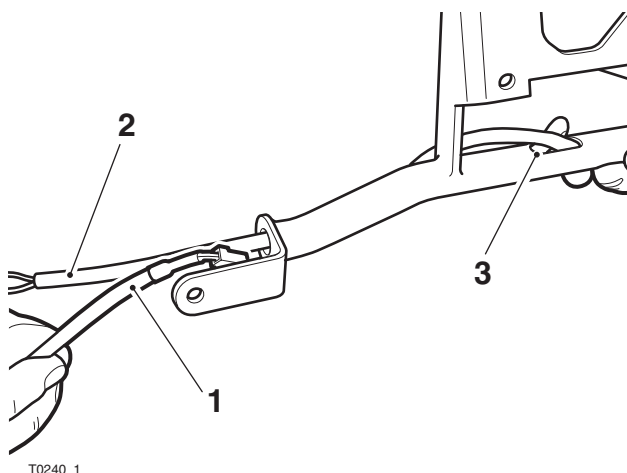
36. **For all models without the windscreen kit fitted:** Detach the wire guide from the lower yoke. Retain the fixing and wire guide for re-use.



1. Wire guide

2. Fixing

37. **For Triumph America only:** Collect the indicator units from the kit and mark the free end of one of the indicator harnesses to show it is for the right hand side.
38. The new lamp harness has a section with two cables, feed this through the slot in the new light bar until it emerges from the right hand side of the light bar.
39. Carefully feed the right hand indicator harness, identified as previously marked, through the right hand side of the light bar.



1. Direction indicator harness

2. Lamp harness

3. Slot, light bar

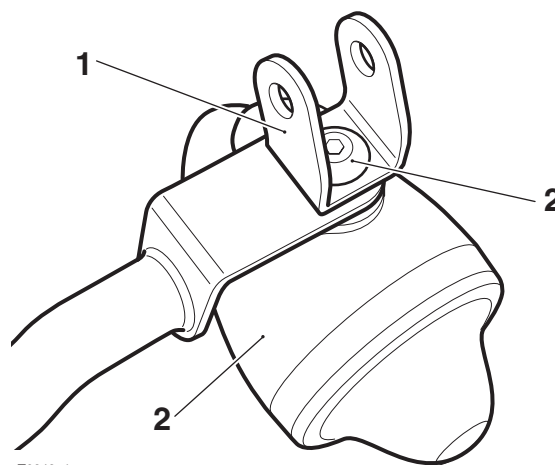
40. Retrieve the harness through the centre slot in the light bar.
41. The new lamp harness has a section with four cables, feed this through the slot, in the opposite direction, until it emerges from the left hand side of the light bar.
42. Carefully feed the left hand indicator harness through the left hand side of the light bar.
43. Retrieve the harness through the centre slot in the light bar.



Warning

Ensure the wiring harness does not become trapped when fitting the indicator assemblies to the mounting bar. A trapped harness could result in damage to the wiring which could lead to a motorcycle electrical failure resulting in loss of motorcycle control and an accident.

44. Adjust the harness length to allow the indicator to be positioned correctly on the mounting bar.
45. Fit the lamp mounting bracket, as shown. Secure the bracket and the left hand indicator to the mounting bar with a M8 x 16 mm screw from the kit.



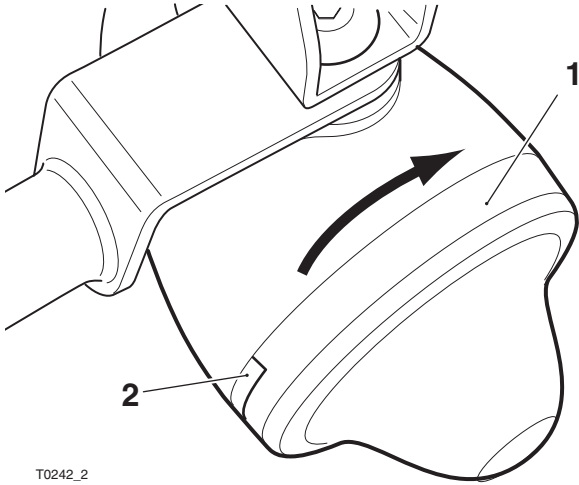
1. Lamp mounting bracket

2. Indicator, left hand

3. M8 x 25 mm screw

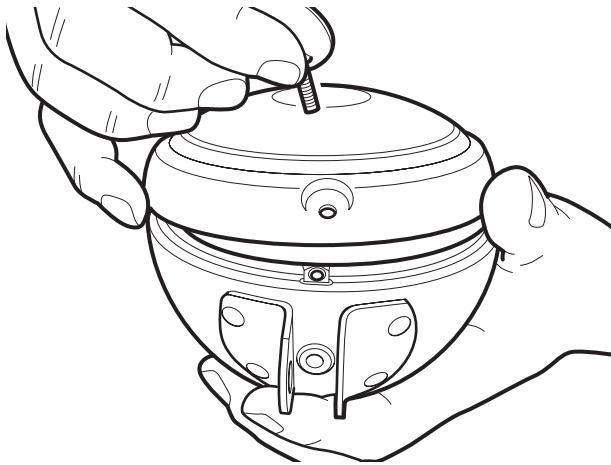
46. Position the left hand indicator and bracket at 90° to the light bar. A suitable bar can be passed through the bracket in order to hold it in position while tightening the M8 x 16 mm screw. Tighten the screw to **18 Nm**.
47. Repeat steps 44 to 46 for the right hand indicator.

48. With both indicator assemblies positioned correctly on the light bar, check that the drain hole is at the bottom. If it is not, carefully remove the lens by rotating it clockwise, then refit it with the drain slot at the bottom.

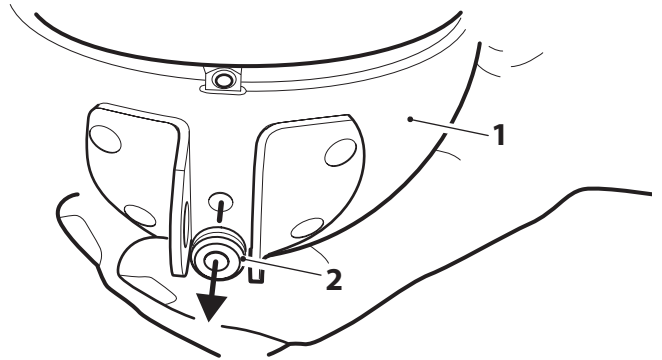


- 1. Indicator lens**
2. Drain slot

49. Remove the lamp from the lamp bowl, as shown below.

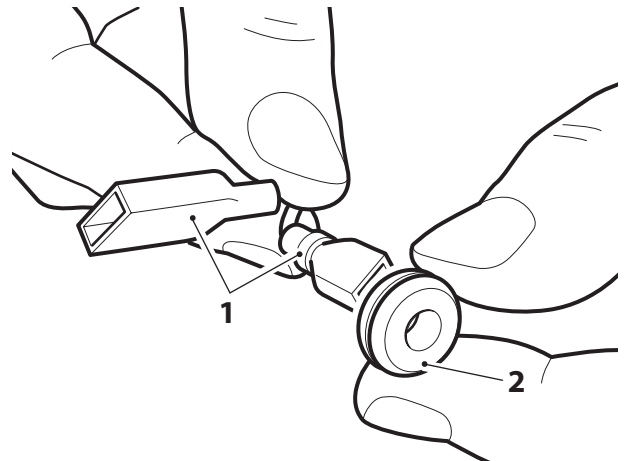


50. Remove the grommet from the lamp bowl.



- 1. Lamp bowl**
2. Grommet

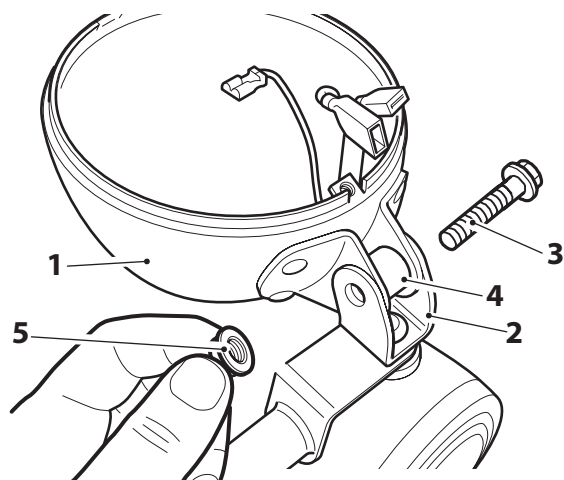
51. Feed the left hand lamp harness, at the mounting bar end location, through the grommet.



- 1. Lamp harness**
2. Grommet

52. Feed the lamp harness into the lamp bowl and refit the grommet.

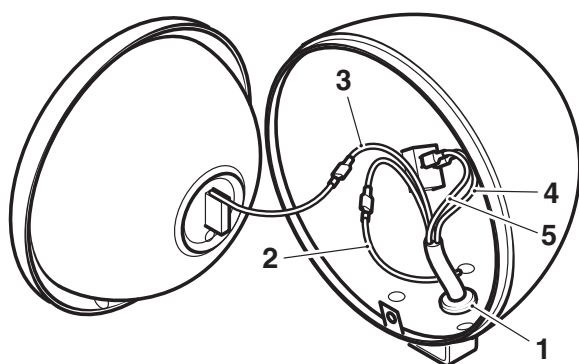
53. Position the lamp bowl onto the mounting bar lamp bracket and secure with the M8 x 35 mm screw, spacer and nut as shown below. Do not fully tighten the fixings at this stage.



1. Lamp bowl
2. Bracket
3. Screw, M8 x 35 mm
4. Spacer
5. Nut

54. Repeat steps 49 - 53 for the right hand lamp assembly.

55. Connect the harness to the left hand lamp as follows:
- black wire to the lamp bowl,
 - blue/white wire to the lamp,
 - red and brown wires to the toggle switch.



cavc 1

1. Grommet
2. Black wire
3. Blue/white wire
4. Red wire
5. Brown wire

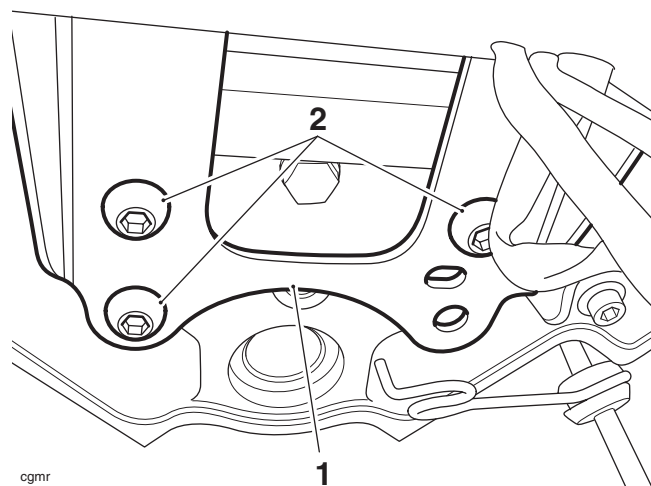
56. Connect the harness to the right hand lamp as follows:

- black wire to the lamp bowl,
- blue/white wire to the lamp.

57. Refit the lamp to the lamp bowl and tighten the screw to **3 Nm**.

58. **For models with the windscreen mounting kit fitted:** Position the lower mounting bracket for the windscreen to the lower yoke then position the light bar assembly to the lower mounting bracket. Tighten the screws to **18 Nm**.

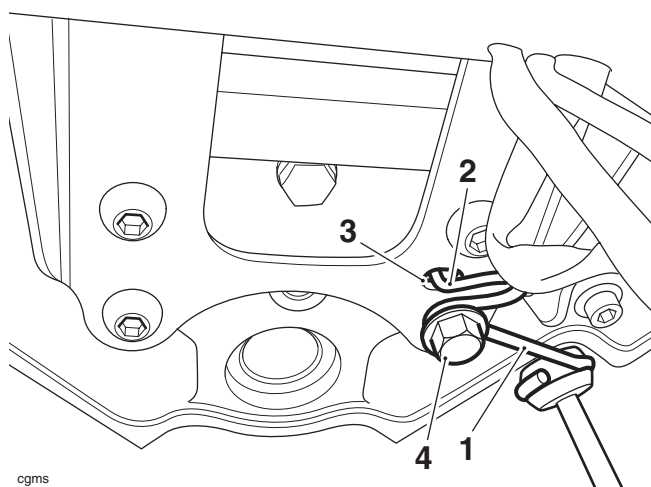
59. **For models without the windscreen mounting kit fitted:** Locate the new light bar assembly in position on the lower yoke and secure with the three M8 x 20 mm screws from the kit. Tighten the screws to **18 Nm**.



ogmr

1. Light bar
2. M8 x 20 mm screws

60. **All Models:** Fit the cable guide as noted for removal, ensure that its locating tang aligns with the front hole, fit the original fixing through the rear hole and tighten to **20 Nm**.



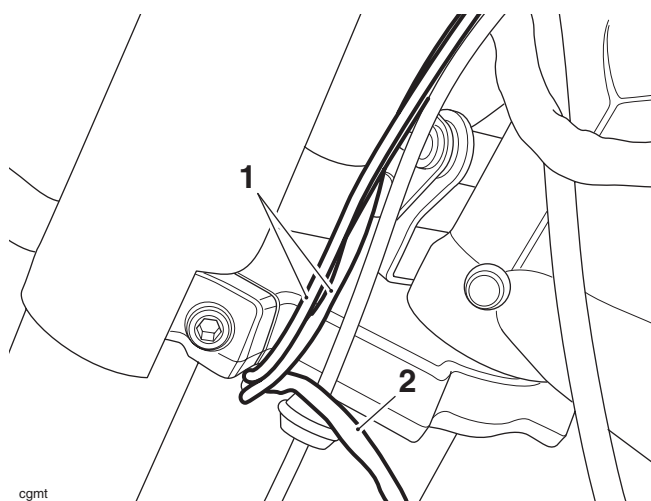
- 1. Cable guide**
2. Locating tang
3. Front hole
4. Fixing



Warning

Ensure the wiring harness does not become trapped when fitting the indicator assemblies to the mounting bar. A trapped harness could result in damage to the wiring which could lead to a motorcycle electrical failure resulting in loss of motorcycle control and an accident.

61. Route the new indicator harnesses under the lower yoke then around the back of the lower yoke and into the headlight bowl.



- 1. Indicator harnesses**
2. New lamp harness



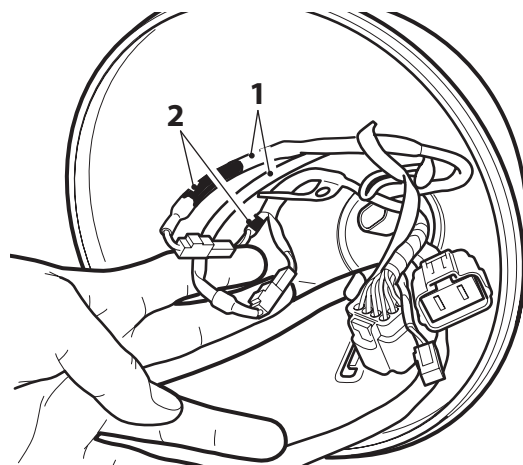
Warning

When securing electrical cables with cable ties, ensure they are fully tight. Ensure there is some free movement in the cables. Failure to do so may result in damage to the electrical cables which may lead to loss of motorcycle control and an accident.

Note:

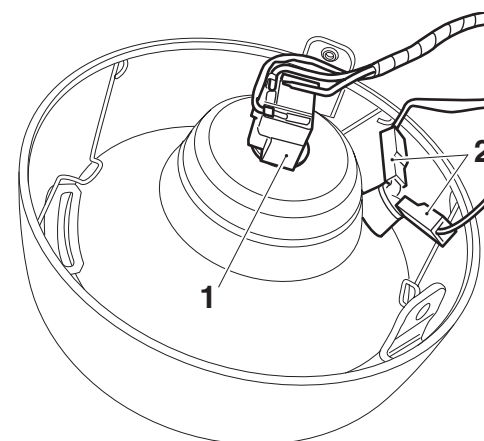
- Note the right hand indicator harness is identified with a section of red tape.**

62. Connect the indicator harnesses to the main wiring harness.



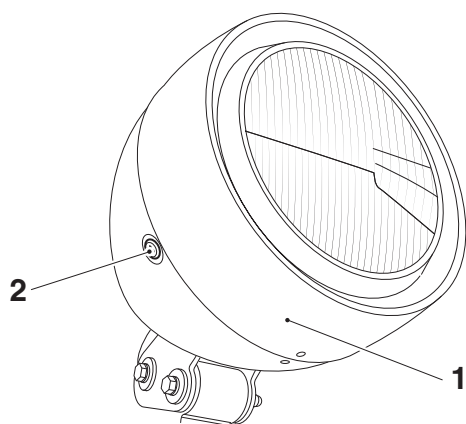
- 1. Indicator harness**
2. Red tape, right hand indicator

63. Reconnect the headlight and position lamp electrical connectors.



- 1. Headlight connector**
2. Position lamp connectors

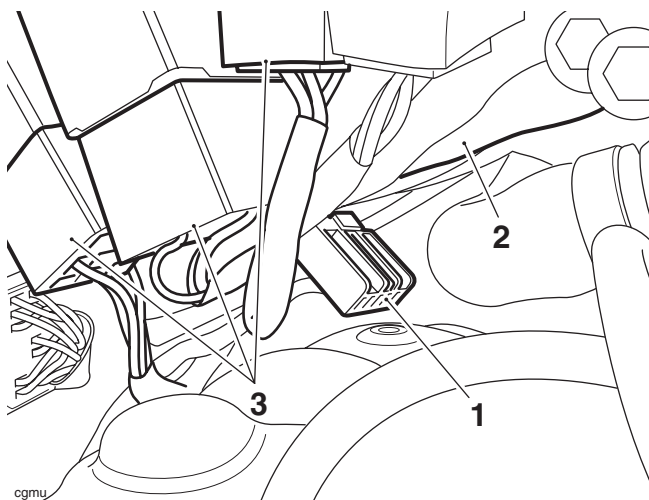
64. Refit the headlight to the headlight bowl. Tighten the screws to **3 Nm**.



cfig_8

- 1. Headlight**
- 2. Screws (1 of 2)**

65. Secure the lamp harness to the indicator harness with one of the cable ties from the kit.
66. Route the lamp harness along the left hand side of the upper frame then under the frame to the right hand side.
67. The main harness connector for the auxiliary lamps is located under the frame near the relays.

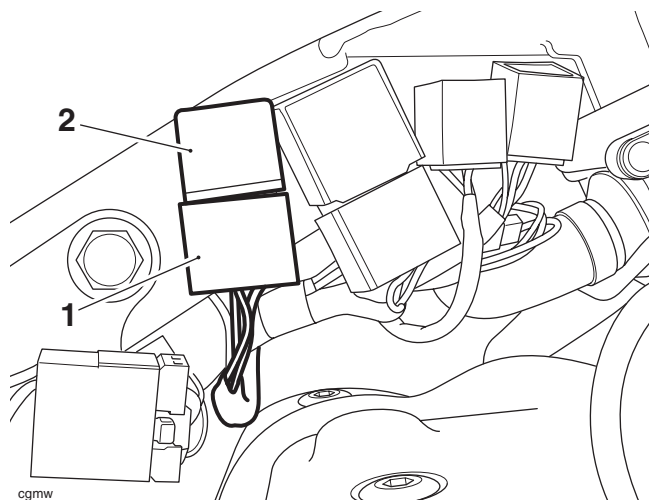


cgrmu

- 1. Connector**
- 2. Frame**
- 3. Relays**

68. Connect the lamp harness to the main harness connector.

69. Fit the auxiliary lamp relay connector to the relay mounting bracket on the right hand side of the frame.



cgrmw

- 1. Relay connector**
- 2. Relay**

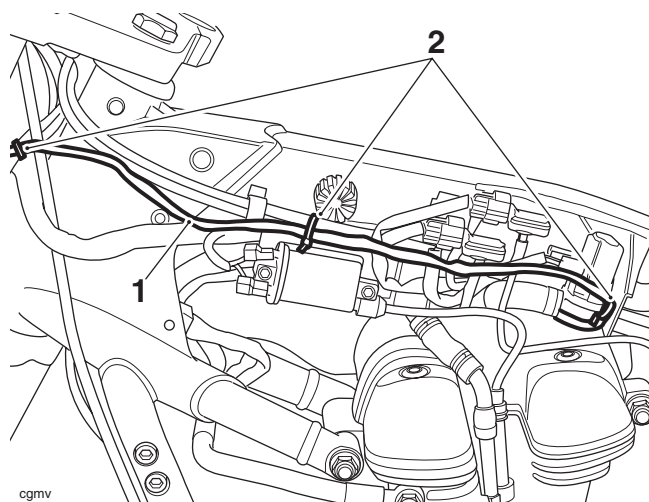
70. Fit the relay from the kit to the relay connector.



Warning

When securing electrical cables with cable ties, ensure they are fully tight. Ensure there is some free movement in the cables. Failure to do so may result in damage to the electrical cables which may lead to loss of motorcycle control and an accident.

71. Secure the auxiliary lamp harness using the cable ties from the kit. Ensure the wiring is not located close to any heat source.



cgrmv

- 1. Harness**
- 2. Cable tie locations**

72. Ensure the wiring is correctly routed and does not foul or obstruct the steering.
73. Refit the fuel tank, as described in the service manual.
74. Reconnect the battery, positive (red) lead first.

Note:

- **The auxiliary lamp operating switch is located on the left hand auxiliary lamp.**
75. Turn the ignition switch to ON and check that the auxiliary lamps, headlight, indicators and horn operate correctly. Turn the ignition switch to OFF.
 76. Align the auxiliary lamps with the headlight and tighten their M8 bolts to **26 Nm**.
 77. Check the routing of the wiring harnesses and ensure they are not trapped or stressed in any way.



Warning

Move the handlebars to left and right full lock while checking that the cables or harnesses do not bind or restrict full lock operation. Any component, cables or harnesses that will restrict the steering may cause loss of control of the motorcycle and an accident.

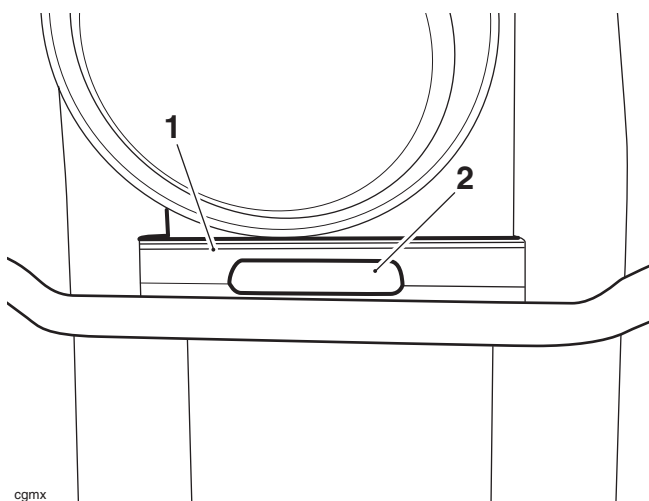
78. If removed, refit the windscreen as described in its instructions.

Fuse number 1 protects the auxiliary lamps circuit. Refer to the label in the fuse box lid for fuse amperage.

Triumph America

Note:

- **Read the warning notices printed on the cleaning wipe packet in the fitting kit.**
79. Clean the mounting surface area of the lower yoke, or windscreen lower bracket (if fitted), with the cleaning wipe provided.



1. Lower yoke
2. Area to be cleaned

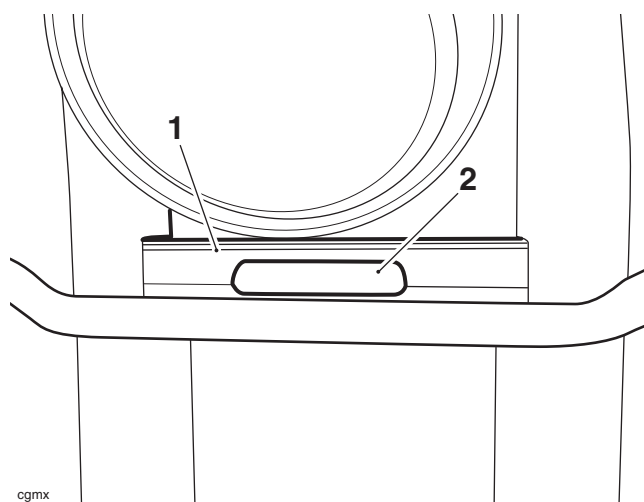
80. Remove the protective film from the adhesive pad on the rear of the finisher from the kit.



Caution

When fitting self adhesive parts care must be taken to ensure positioning is correct and accurate. Once the adhesive has been attached to the mounting surface, there is no satisfactory method of removal and re-positioning if incorrectly aligned. Initial bonding is instant, full bonding is achieved after 72 hours.

81. Carefully locate the finisher as shown below. Apply firm pressure to the entire finisher to ensure a good bond is achieved.



1. Lower yoke
2. Finisher



Warning

After fitting the accessory kit, the motorcycle will exhibit new handling characteristics. Operate the motorcycle in a safe area free from traffic to gain familiarity with any new characteristics. Operation of the motorcycle when not familiar with any new handling characteristics may result in loss of motorcycle control and an accident.



Warning

If, after fitment of this accessory kit, you have any doubt about the performance of any aspect of the motorcycle, contact an authorised Triumph dealer and do not ride the motorcycle until the authorised dealer has declared it fit for use. Riding a motorcycle when there is any doubt as to any aspect of the performance of the motorcycle may result in loss of control of the motorcycle leading to an accident.



Warning

Never ride an accessory equipped motorcycle at speeds above 80 mph (130 km/h).

The presence of accessories will cause changes in the stability and handling of the motorcycle. Failure to allow for changes in motorcycle stability may lead to loss of control or an accident.

Remember that the 80 mph (130 km/h) limit will be reduced by the fitting of non-approved accessories, incorrect loading, worn tyres, overall motorcycle condition and poor road or weather conditions.



Warning

Only operate this Triumph motorcycle at high speed in closed-course on road competition or on closed-course racetracks. High speed operation should only be attempted by riders who have been instructed in the techniques necessary for high speed riding and are familiar with the motorcycle's characteristics in all conditions.

High speed operation in any other circumstances is dangerous and will lead to loss of motorcycle control and an accident.



Warning

The motorcycle must not be operated above the legal road speed limit except in closed course conditions.