



## Recall Action Notice

**Service Bulletin 446**  
**September 2012**

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**Affected Models** ..... **Street Triple**

**VIN Range** ..... **VIN 354282 to 456776**

**Markets** ..... **All Markets**

**Subject** ..... **Regulator Rectifier**

### **Background Information**

We have identified that the regulator rectifier on the above models must be replaced. Dealers are requested to remove and replace the regulator rectifier.

### **Customer Contact Instructions**

Motorcycles in the affected VIN range must be modified prior to delivery to the customer, or at the next service/visit to the dealership.

### **Identification of Affected Motorcycles**

See VIN range above.

### **Warranty Claim Instructions**

Fault code ..... 02507391

Repair code ..... 99446

Repair time allowance ..... 0.15 hrs (includes admin allowance)

### **Parts Information**

Parts ..... 1 x T1301234 - Kit, Regulator Rectifier

**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 Service Bulletin.

**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.

**Parts return instructions . . . . .** Dealer to retain parts for 90 days. All parts must be stored in a secure, non-public accessed area and correctly identified with a completed warranty label. Thereafter the parts must be rendered unusable prior to scrapping.

## Other Instructions

Once completed, please mark the service record book that the requirements of this bulletin have been complied with.

## Replacement Procedure

Replace the regulator rectifier following the procedure listed below:



### Warning

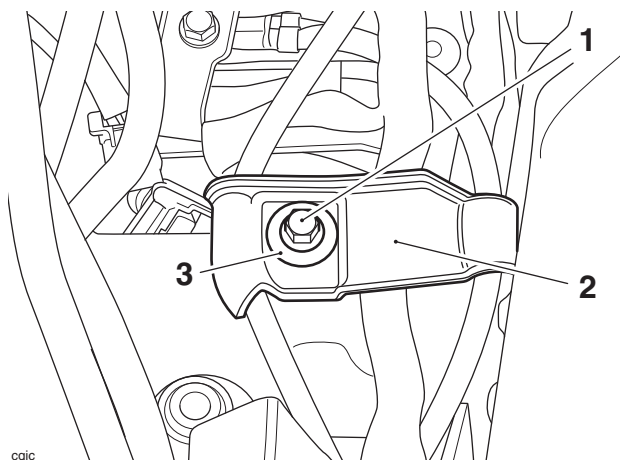
Throughout the following procedure, ensure that the motorcycle is stabilised and adequately supported to prevent the risk of injury from the motorcycle falling.

## Removal

1. Position the motorcycle on a paddock stand.
2. Remove the seat, as described in the Service Manual.
3. Disconnect the battery, negative (black) lead first.
4. Remove the fuel tank, as described in the Service Manual.

### Note:

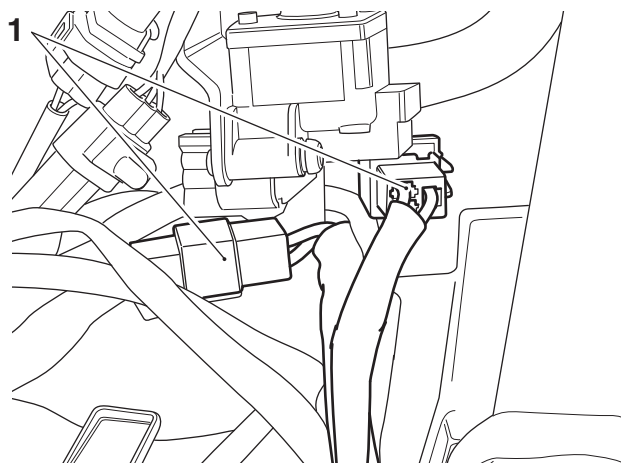
- **Note the routing of the cables and harness for installation.**
5. Release the fixing and remove the harness bracket from the frame. Collect the flanged sleeve from the bracket.



1. Fixing
2. Bracket
3. Flanged sleeve

### Note:

- **Note the routing of the regulator rectifier harnesses for installation.**
6. Disconnect the two connectors for the regulator rectifier from the main harness.



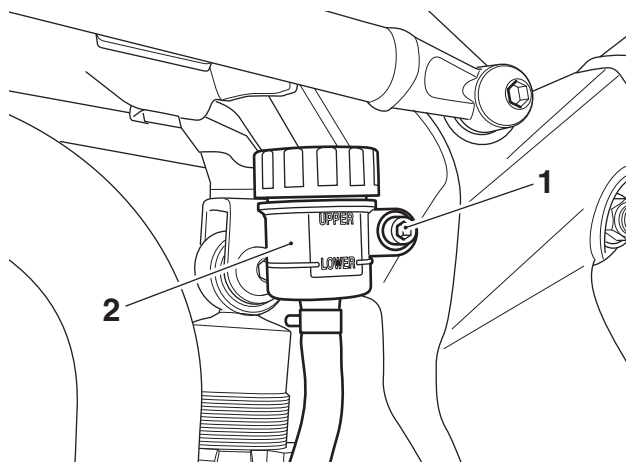
1. Regulator rectifier connectors



## Caution

To prevent paint damage, do not spill brake fluid onto any area of the bodywork. Spilled brake fluid will damage paintwork.

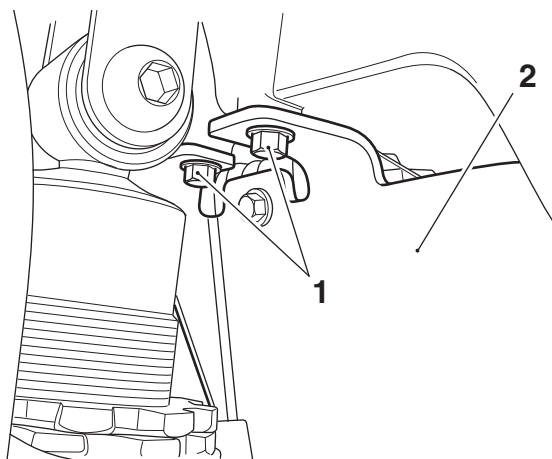
7. Detach the rear brake fluid reservoir from the frame. Taking care not to invert the reservoir, support it in an upright position.



**1. Fixing**

**2. Rear brake fluid reservoir**

8. Release the fixings and remove the regulator rectifier and its bracket through the right hand side of the frame while feeding its harness through the top of the frame.



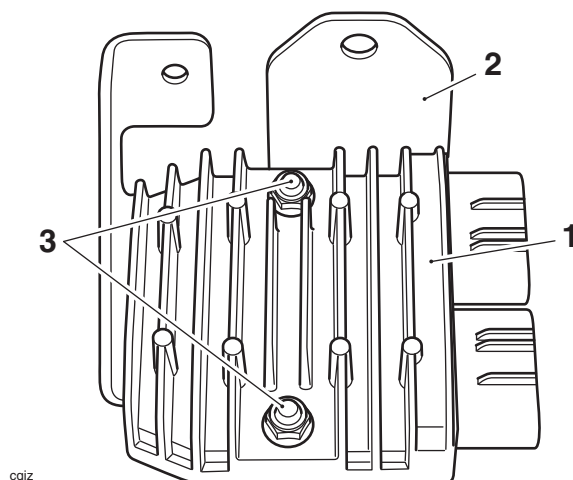
**1. Fixings**

**2. Bracket**

9. Release the fixings securing the regulator rectifier to its bracket. Retain the bolts for re-use.
10. Retain the following items as described in the Parts Return Instructions on page [2](#):
- the nuts;
  - the regulator rectifier;
  - the bracket.

## Installation

1. Fit the new regulator rectifier to the bracket from the kit and secure using the original bolts and the lock nuts from the kit, as shown below. Tighten the lock nuts to **3 Nm**.



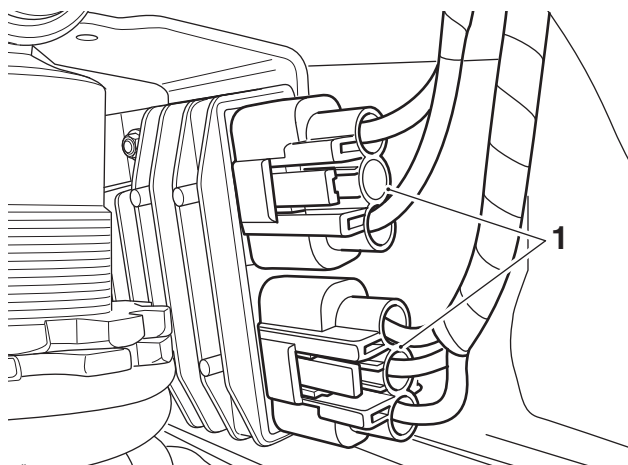
1. **Regulator rectifier**
2. **Bracket**
3. **Lock nuts**

2. Feed the harness from the kit through the frame as noted for removal.
3. Align the regulator rectifier and bracket assembly to the motorcycle frame with the regulator facing the rear of the motorcycle.

### **Caution**

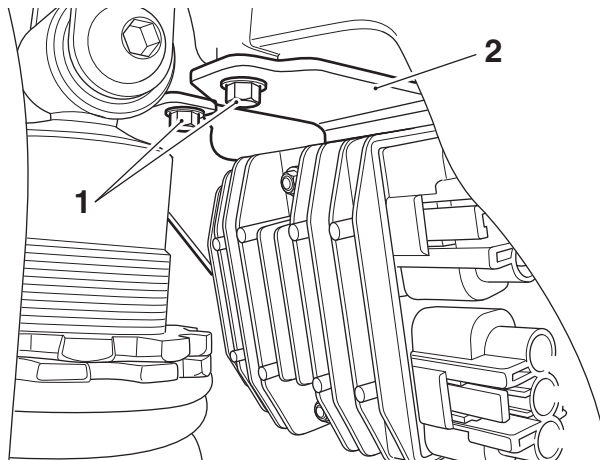
The sub-harness connectors will only fit one way to the regulator rectifier, do not force them to fit. Connectors and their pins will get damaged if excessive force is used.

4. Fit the sub-harness to the regulator rectifier, as shown below. An audible click can be heard when the connectors are fully engaged.



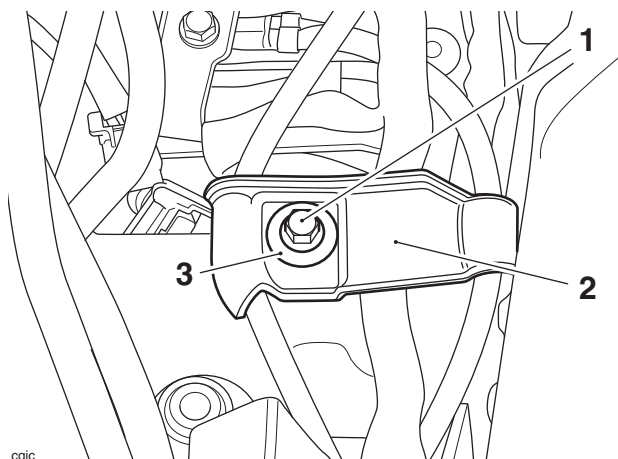
1. **Sub-harness connectors**

5. Secure the regulator rectifier and bracket assembly to the frame and tighten the fixings to **12 Nm**.



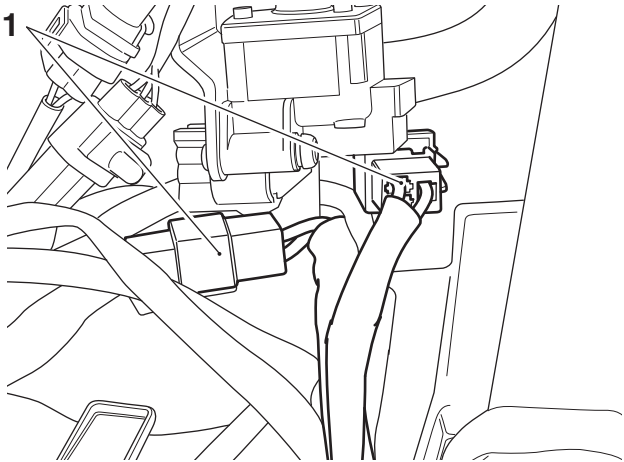
- 1. Fixings**  
**2. Bracket**

6. Refit the rear brake fluid reservoir and tighten the fixing to **7 Nm**.  
7. Align the harness bracket to the frame with the cables and harness routing as noted for removal. Fit the flanged sleeve and tighten the fixing to **7 Nm**.



- 1. Fixing**  
**2. Bracket**  
**3. Flanged sleeve**

8. Connect the two connectors of the sub-harness to the main harness, as noted for removal.



**1. Regulator rectifier connectors**

- 9. Refit the fuel tank, as described in the Service Manual.
- 10. Reconnect the battery, positive (red) lead first.
- 11. Start the engine and check the charging system, rectify if necessary.

**Note:**

- **The new regulator rectifier is the same as the Triumph Thunderbird 1600. For diagnostics of the new regulator rectifier, refer to section 18, Electrical, in the Thunderbird 1600 Service Manual.**
- 12. Refit the seat, as described in the Service Manual.
  - 13. Refit the lower fairings as described in the Service Manual.

**Circulation**

(Initial and date when read and return to central file holder)

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