



Recall Action Notice

Service Bulletin 403

September 2009

Affected Models **Sprint ST (1050 cc) and Sprint ST (1050 cc) ABS**

VIN Range **221423 to 424192**

Markets **All**

Subject **Drag Link**

Background Information

It has been identified that the Sprint ST (1050 cc) and Sprint ST (1050 cc) with ABS listed in the above VIN range may have a potential problem with the drag link. Dealers are requested to remove and discard the drag link and install the new drag link.

Note:

- **From VIN 287720 to VIN 290143, the drag link to drop arm bolt is fitted from the right hand side and will require the removal of the intermediate exhaust pipe in order to remove it.**

In addition, dealers are required to inspect the bolt (part number T3330336) for any signs of bending once it has been removed. If the bolt is bent, dealers are required to replace the bolt.

Customer Contact Instructions

Triumph subsidiaries and distributors must instigate a recall action in their country in accordance with the national recall code of practice. For vehicles in dealer stock, the recall **MUST** be actioned before delivery to the customer.

Identification of Affected Motorcycles

Sprint ST (1050 cc) and Sprint ST ABS (1050 cc) motorcycles in the above mentioned VIN range are affected.

Warranty Claim Instructions

Fault code 02056093

Repair code 99403

Repair time allowance (including Admin)

Drag link only 0.25 hours

Drag link and removal of the exhaust pipe
(VIN 287720 to VIN 290143) 0.50 hours



Parts Information

Parts required. 1 x T2052125 - Spares Kit, Drag Link and Sleeve
2 x T3350005 - Locknut, M10

Parts (optional) 1 x T2050098 - Sleeve, 15 mm diameter
2 x T3330336 - Bolt, M10 x 100 mm

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 all 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. It is suggested that the drag link is damaged by cutting it in half using a hacksaw. The spacers and the locknuts should be crushed in a vice until they are unusable.

Other Instructions

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

Replacement Procedure

Replace the drag link following the procedure described on the following pages.



Warning

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



Warning

Failure to tighten any of the fasteners to the correct torque specification may result in loss of motorcycle control and an accident.

Removal

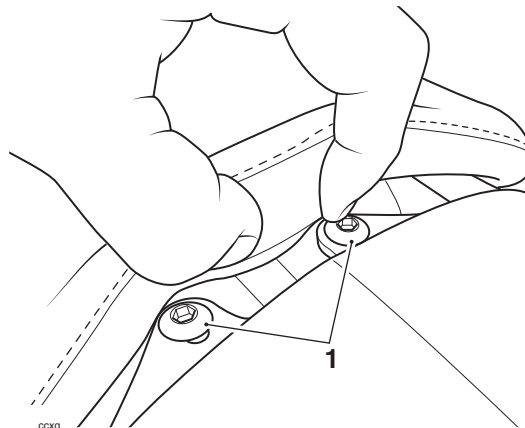
1. Raise and support the rear of the motorcycle beneath the frame or engine. Position a block to support the rear wheel.

Note:

- **Replacement of the drag link when the bolts are fitted from the right hand side, will require the removal of the pannier rails, rear bodywork, exhaust intermediate pipe and silencer.**
2. If the bolts are fitted from the right hand side, continue from step 3.
If the bolts are fitted from the left hand side, continue from step 16.

From VIN 287720 to VIN 290143

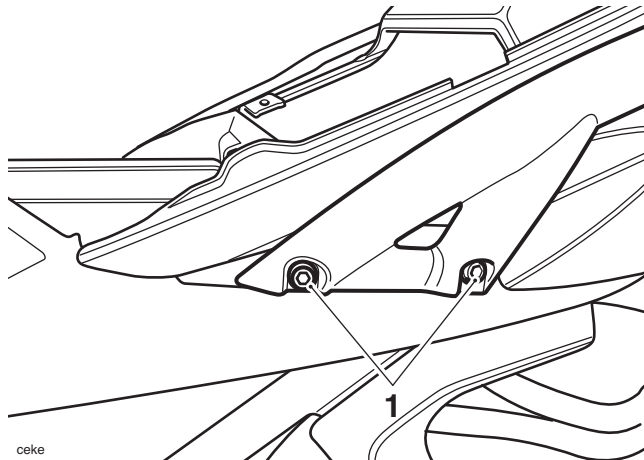
3. Push back the rear edge of the seat and unscrew the exposed fixings. Collect the spacers from beneath the fixings.



1. Seat fasteners

4. To remove the seat, lift the rear of the seat and slide it towards the rear of the motorcycle.
5. Disconnect the battery, negative (black) lead first.

6. Release the four front pannier rail fixings (two on each side). Collect the washers from under the fixings.



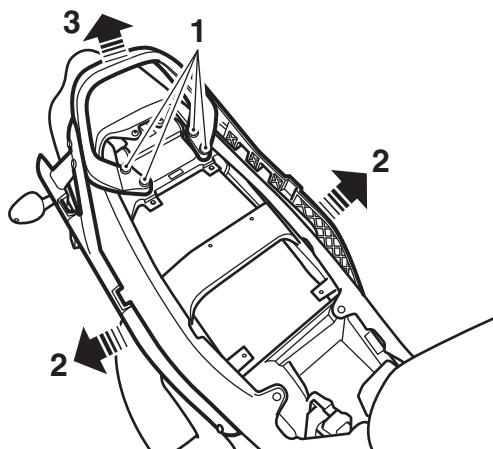
1. Front pannier rail fixing (left hand side shown)



Caution

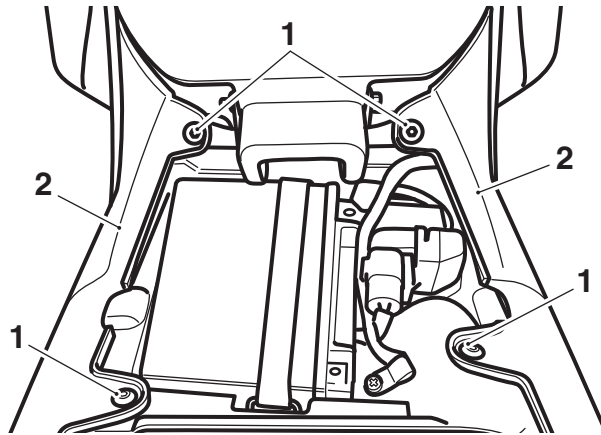
When removing the pannier rails, ensure that the surfaces of the rear bodywork are protected from damage. Damage to the rear bodywork, and particularly the painted surfaces could result from inadequate care and/or protection during this process.

7. Remove the four grab rail fixings and carefully remove the grab rail and pannier rails as an assembly. Collect the four spacers from under the grab rail.



- 1. Grab rail fixings**
2. Pannier rail removal direction
3. Grab rail and pannier rail assembly removal direction

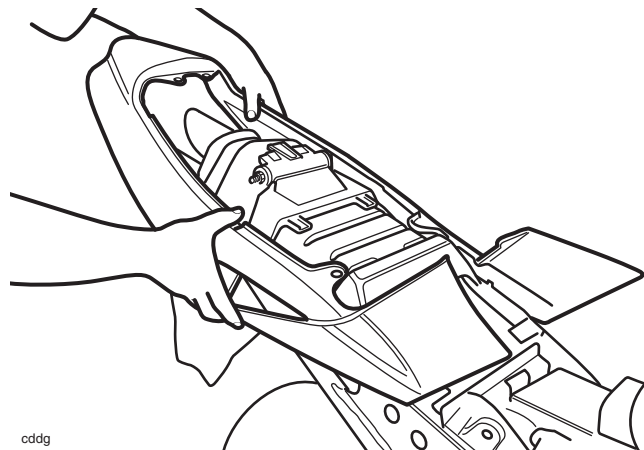
8. Remove the fixings securing the bodywork/side panel to the frame.



1. Fixings

2. Bodywork/side panel

9. Remove the bodywork/side panel.



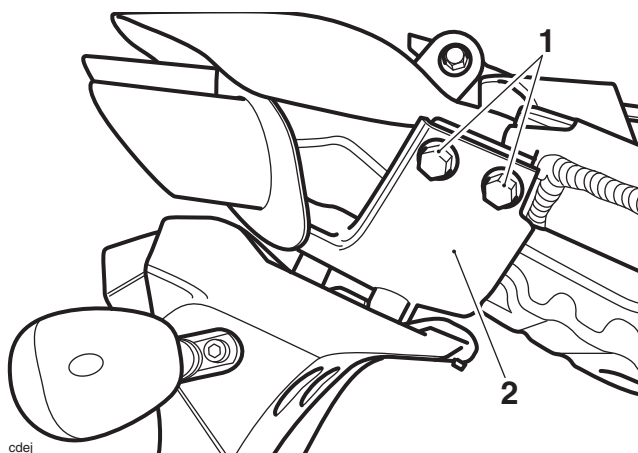
Bodywork/Side Panel Removal

10. Undo and remove the four fixings securing the rear light unit bracket to the frame. Support the rear light unit/mudguard assembly.



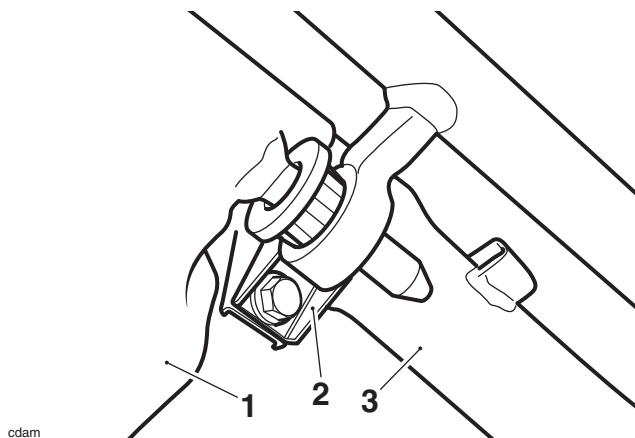
Caution

Do not allow the light unit/mudguard assembly to hang unsupported. Damage to the wiring harness supplying the rear lights may occur if the light unit/mudguard assembly is allowed to hang unsupported.



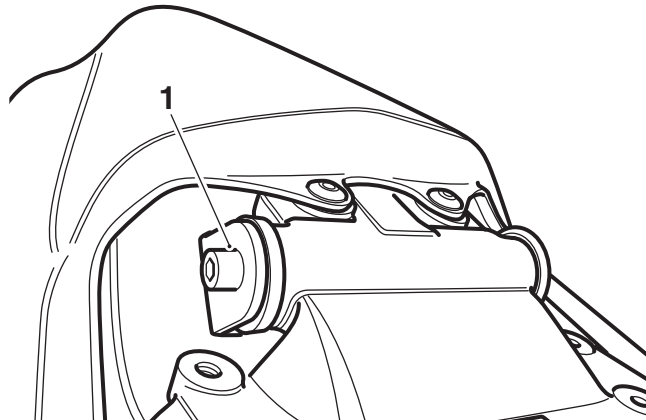
1. Fixings (right hand side shown)
2. Rear light unit bracket

11. Release the clamp securing the silencer to the intermediate pipe.



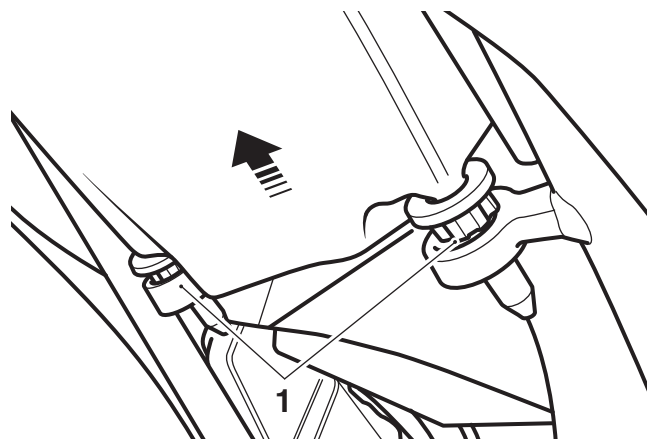
1. Silencer
2. Clamp
3. Intermediate pipe

12. Support the silencer and release the nut and bolt securing the silencer mounting bracket to the rear frame.



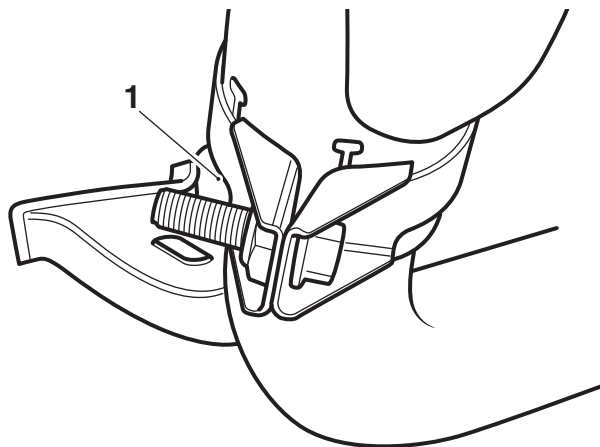
1. Silencer mounting bracket/fixing

13. Move the silencer rearwards to disengage its front mountings and remove.



1. Silencer mounting points

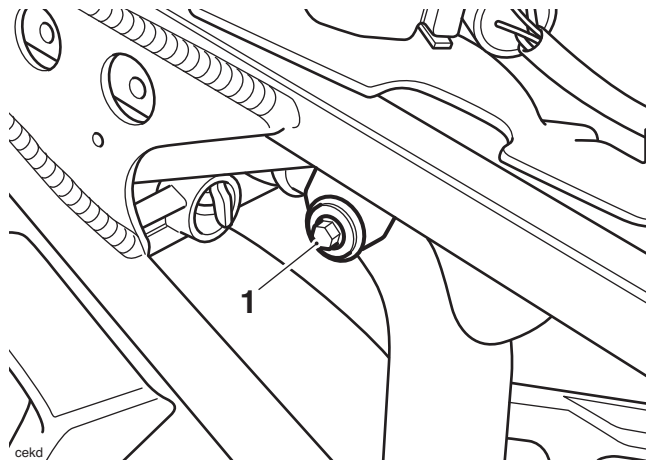
14. Release the clamp at the downpipe to intermediate pipe joint.



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1. Downpipe to intermediate pipe joint

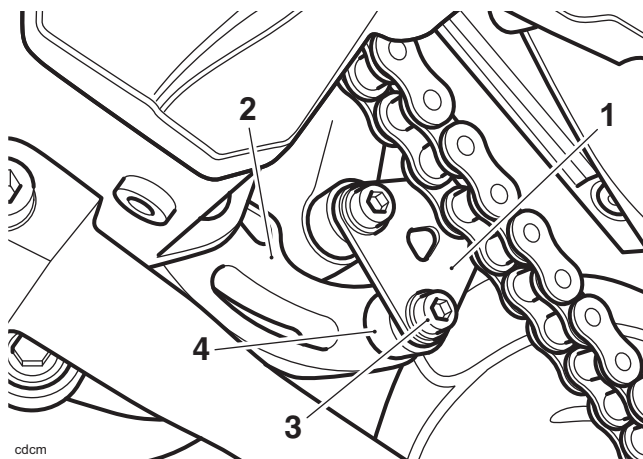
15. Release the bolt from the intermediate pipe rear mounting point.



1. Intermediate pipe mounting

All Models

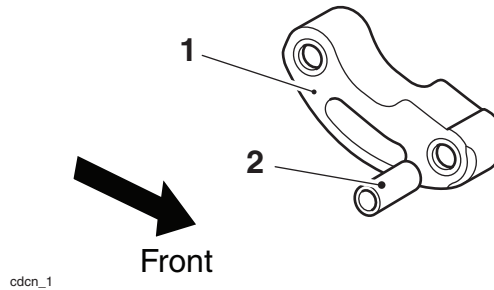
16. Remove the nut and bolt securing the drag link to the drop link. Collect the washer from under the bolt head and retain for re-use.



- 1. Drop link
- 2. Drag link
- 3. Drag link to drop link bolt
- 4. Spacer (left hand shown)

17. Remove the nut and bolt securing the drag link to the frame.
18. Release the drag link from the drop link and frame.
19. Collect the spacers and hardened washers from either side of the link.

20. Remove the bearing sleeve from the front of the drag link.



1. Drag link

2. Bearing sleeve

21. Discard the nuts, spacers, hardened washers, rear bearing sleeve, and drag link, noting the parts return instructions given on page 2.

Inspection

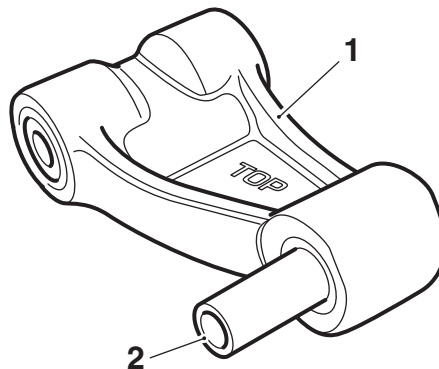
1. Inspect the bolts for any signs of bending. Replace if necessary.
2. Thoroughly clean and inspect the original front bearing sleeve for any signs of wear or damage. Replace if necessary.

Installation

Note:

- The bearings in the drag link are pre-greased and do not require any additional grease.
- Ensure the bearings remain free from dirt or debris when fitting the bearing sleeves.

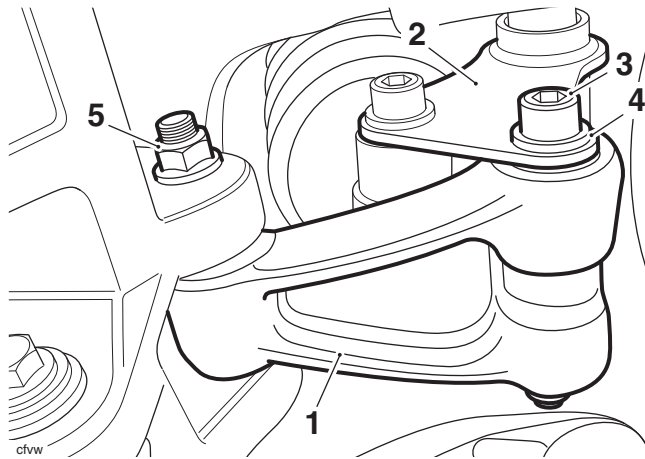
1. Fit the original bearing sleeve to the new drag link, ensuring it protrudes evenly through either side of the drag link.



1. Drag link

2. Bearing sleeve (T2051012)

2. Lubricate the exposed outer surface of the bearing sleeves with grease to NLGI 2 specification (we recommend Mobil grease HP222).
3. With the TOP surface of the drag link uppermost, align it to the frame and drop link.
4. Fit the drag link to the frame bolt from the right hand side.
5. Fit the drag link to the drop link bolt and washer from the left hand side.
6. Fit new locknuts and tighten both bolts to **48 Nm**.

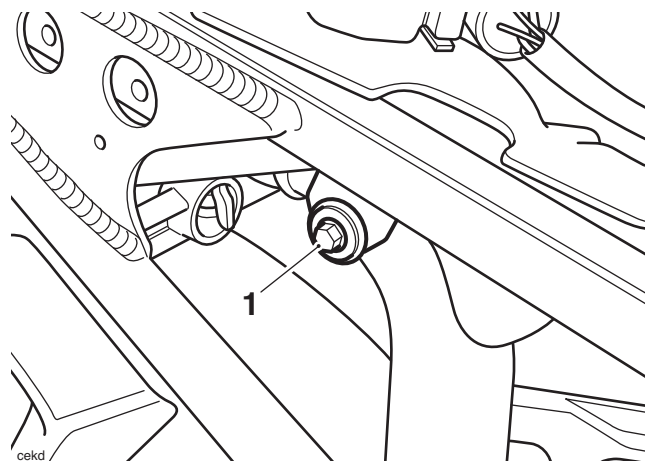


1. Drag link
2. Drop link
3. Bolt
4. Washer
5. Locknut

7. If the exhaust intermediate pipe has been removed, continue from step 8.
If the exhaust intermediate pipe has not been removed, continue from step 24.

From VIN 287720 to VIN 290143

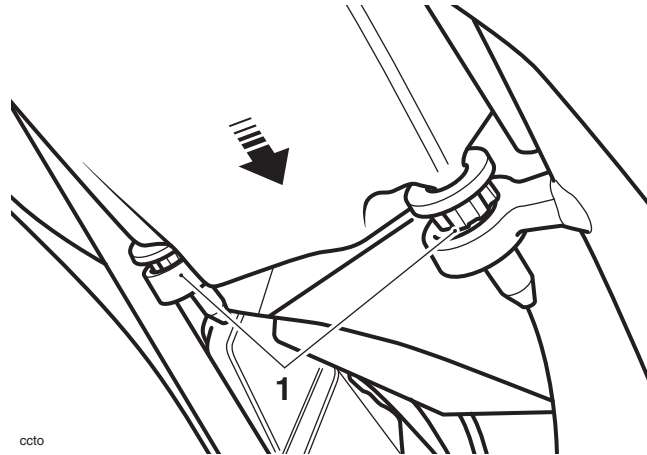
8. Align the intermediate pipe upper fixing and tighten to **15 Nm**.



1. Intermediate pipe mounting

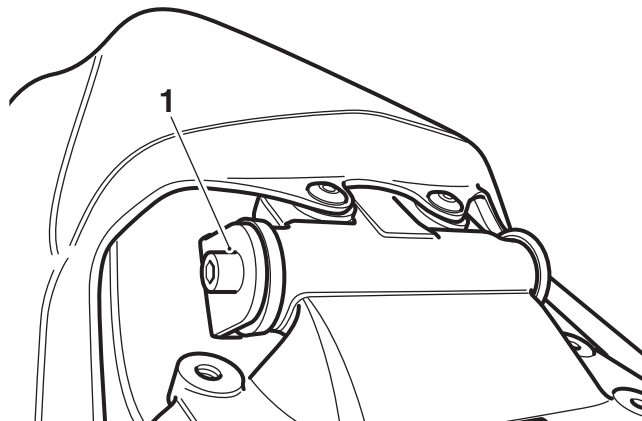
9. Orientate the lower intermediate pipe clamp such that, when tightened, its fixing will not foul the rear suspension linkage (when at full travel or any other point). Tighten to **15 Nm**.

10. Position and engage the silencer to its front mountings.



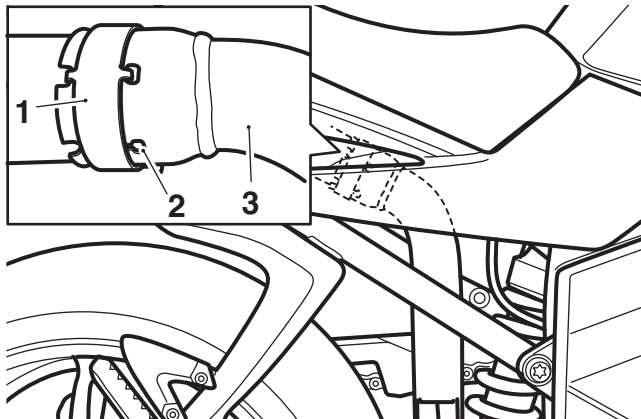
1. Silencer mounting points

11. Position and engage the silencer to the intermediate pipe.
12. Align the silencer mounting brackets to the frame. Refit the nut and bolt and tighten to **15 Nm**.



1. Silencer mounting bolt

13. Align the silencer to the intermediate pipe joint clamp, ensuring that it is oriented in the position shown and that the tabs in the clamp locate to the correct slots cut in the secondary pipe. Tighten the clamp to **15 Nm**.



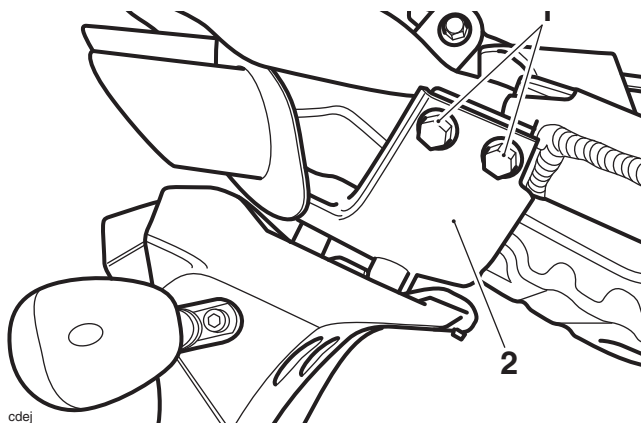
- 1. Exhaust pipe clamp**
2. Tabs and slot
3. Intermediate exhaust pipe

14. Align the rear light unit bracket to the frame. Secure the rear light unit bracket with the four fixings and tighten to **18 Nm**.



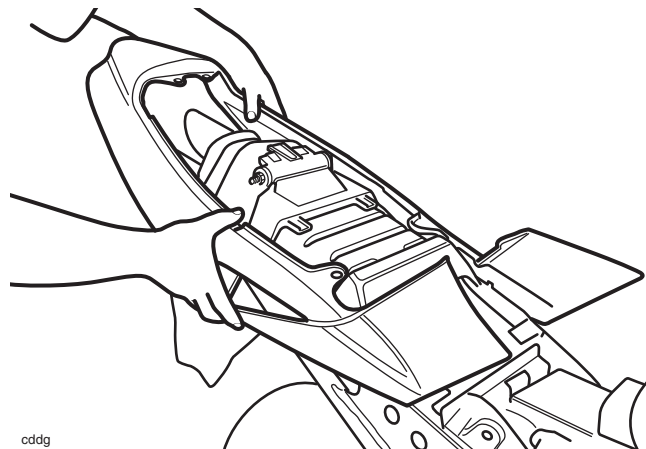
Caution

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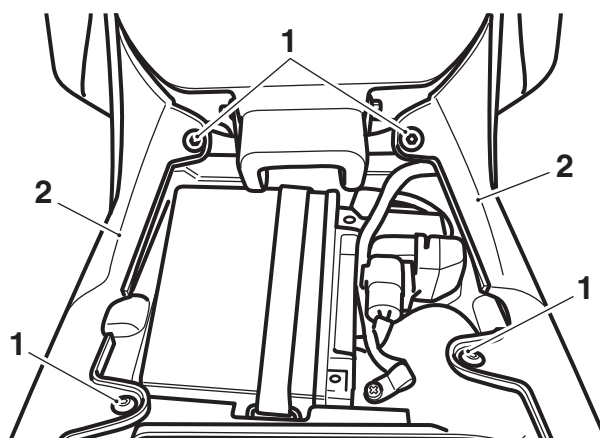
- 1. Fixings (right hand side shown)**
2. Rear light unit bracket

15. Align the bodywork/side panel to the frame.



Bodywork/Side Panel Removal

16. Refit the fixings, securing the bodywork/side panel to the frame. Tighten to **3 Nm**.



1. Fixings

2. Bodywork/side panel

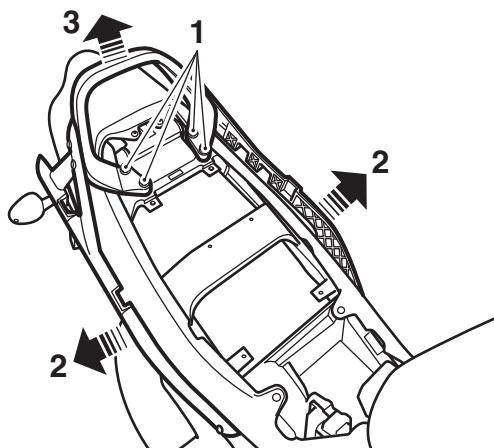


Caution

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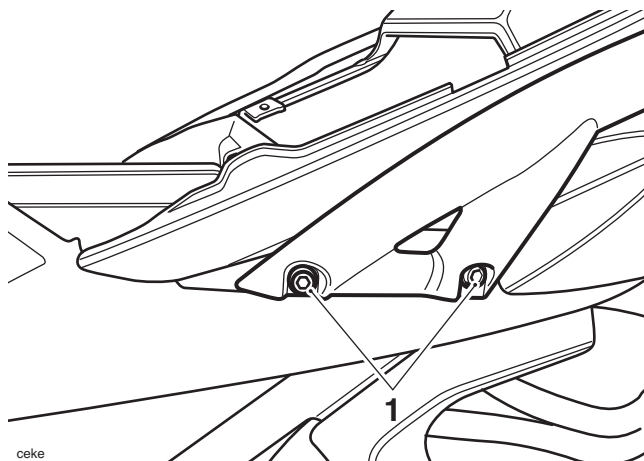
17. Carefully refit the grab rail and pannier rails, ensuring the four spacers are installed under the grab rail.

18. Refit the four grab rail fixings. Tighten to **27 Nm**.



1. Grab rail fixings

19. Refit the four pannier rail front capscrews and washers. Tighten to **9 Nm**.

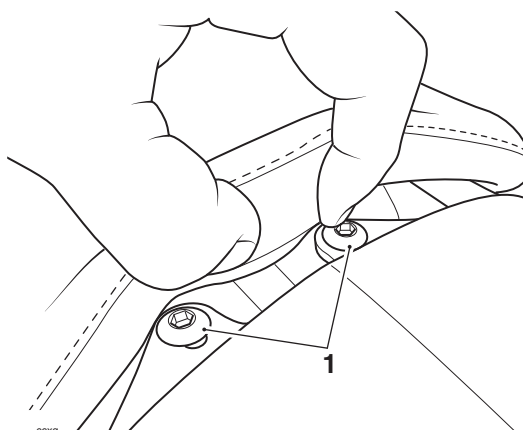


1. Front pannier rail fixings (left hand side shown)

20. Connect the battery, positive (red) lead first.

21. Position the seat to the motorcycle.

22. Push back the rear edge of the seat and refit the seat fixings. Tighten to **3 Nm**.



1. Seat fasteners



All Models

23. Remove the support block from the rear wheel and lower the motorcycle to the ground, parking it on either the side or centre stand.
24. Mark the service record to indicate that the requirements of this bulletin have been complied with.

Circulation

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

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