



LP0241

**FITTING INSTRUCTIONS FOR LP0241BK LICENCE PLATE BRACKET
YAMAHA MT-09 2017 (FOR USE WITH STANDARD AND R&G MINI
INDICATORS (8mm))**

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**THIS KIT CONTAINS THE ITEMS PICTURED AND LABELLED BELOW.
DO NOT PROCEED UNTIL YOU ARE SURE ALL PARTS ARE PRESENT.**

Please note that the way the kit is packed does not necessarily represent the way of mounting to the bike

THE PARTS SHOWN MAY BE REPRESENTATIVE ONLY (FOR CLARITY OF INSTRUCTIONS ONLY)

Digital copies of these instructions are available to download from www.rg-racing.com

GENERAL TORQUE SETTINGS

M4 BOLT = 8Nm
M5 BOLT = 12Nm
M6 BOLT = 15Nm
M8 BOLT = 20Nm
M10 BOLT = 40Nm

Please note that in cases where kits are packed with rubber washers holding the components onto the bolt – *the rubber washers should be thrown away!*

TOOLS REQUIRED

- Set of metric Allen keys to include 4, 5 and 6mm A/F sizes.
- 6, 8, 10, 12, 13 & 27mm spanners or sockets and wrench.
 - Phillips driver.
 - Electrical pliers/crimps.
 - Small amount of super glue.
- Rear paddock stand and cotton reels.

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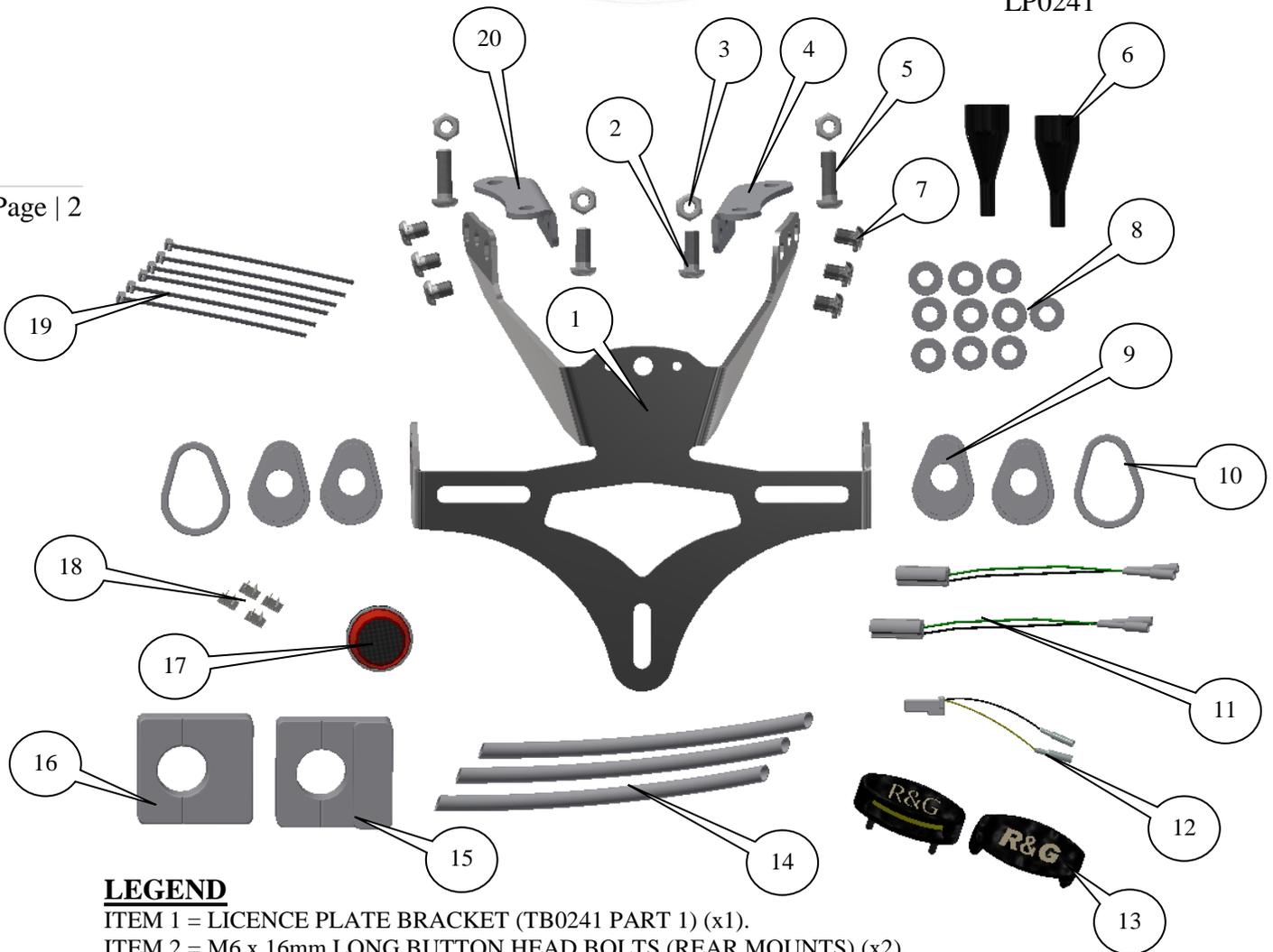
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LEGEND

- ITEM 1 = LICENCE PLATE BRACKET (TB0241 PART 1) (x1).
- ITEM 2 = M6 x 16mm LONG BUTTON HEAD BOLTS (REAR MOUNTS) (x2).
- ITEM 3 = M6 NYLOC NUTS (x4).
- ITEM 4 = RHS LICENCE PLATE MOUNTING BRACKET (TB0241 PART 3) (x1).
- ITEM 5 = M6 x 20mm LONG BUTTON HEAD BOLTS (FRONT MOUNTS) (x2).
- ITEM 6 = SILICON INDICATOR NUT COVERS (IWC0002) (x2).
- ITEM 7 = M6 x 8mm LONG BUTTON HEAD BOLTS (TB0241 PART 1 MOUNTS) (x6).
- ITEM 8 = M6 WASHER (x10).
- ITEM 9 = MINI INDICATOR ADAPTORS (I0016) (x4).
- ITEM 10 = ORIGINAL INDICATOR ADAPTORS (I0037) (x2).
- ITEM 11 = R&G MINI INDICATOR CONNECTORS (CON0027) (x2).
- ITEM 12 = R&G LICENCE PLATE ILLUMINATOR CONNECTOR (CON0014) (x2).
- ITEM 13 = LICENCE PLATE ILLUMINATOR ASSEMBLY (LA0002) (x1).
- ITEM 14 = 150mm LENGTH OF HEAT SHRINK (x3).
- ITEM 15 = RHS REPLACEMENT CHAIN ADJUSTER BLOCK (M0549) (x1).
- ITEM 16 = LHS REPLACEMENT CHAIN ADJUSTER BLOCK (M0548) (x1).
- ITEM 17 = REFLECTOR (REFL 1) (x1).
- ITEM 18 = CABLE CLIPS (x4).
- ITEM 19 = CABLE TIES (x6).
- ITEM 20 = LHS LICENCE PLATE MOUNTING BRACKET (TB0241 PART 2) (x1).

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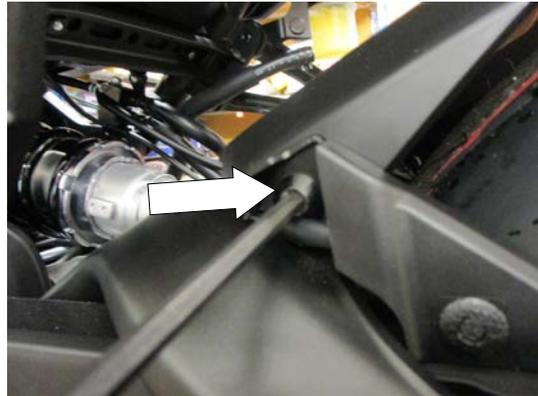
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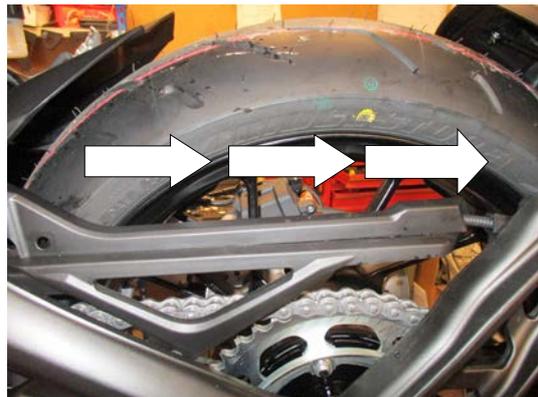
Picture 1



Picture 2



Picture 3



Picture 4



Picture 5



Picture 6



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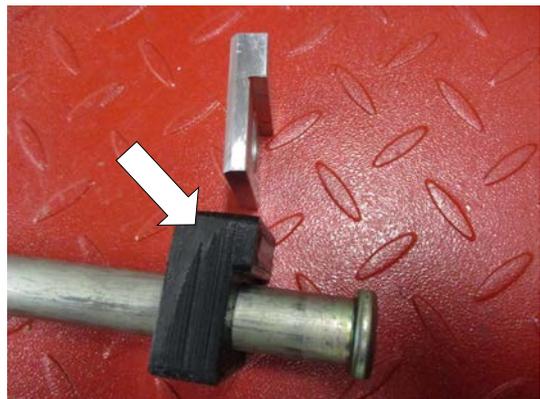
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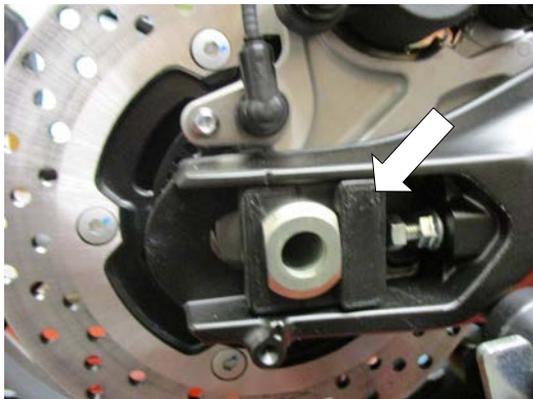
Picture 8



Picture 9



Picture 10



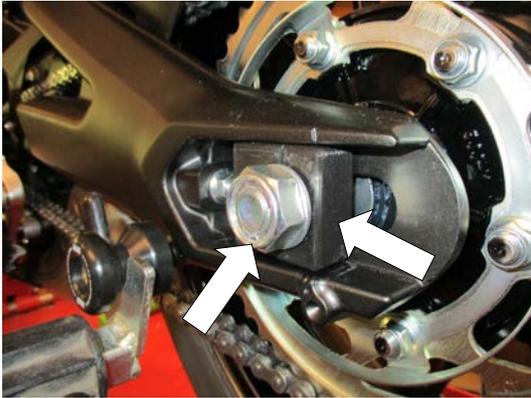
Picture 11



Picture 12



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Picture 13



Picture 14



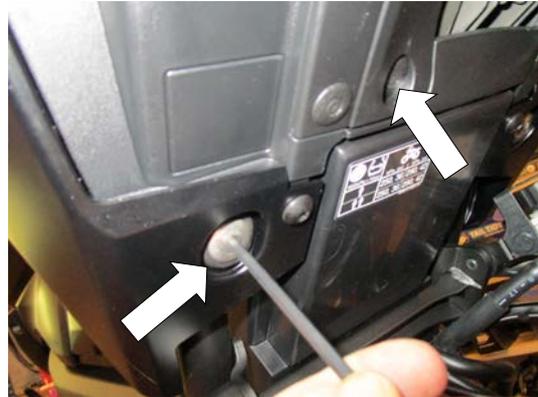
Picture 15



Picture 16



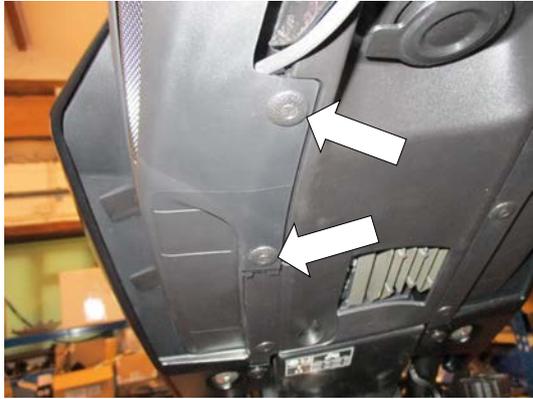
Picture 17



Picture 18



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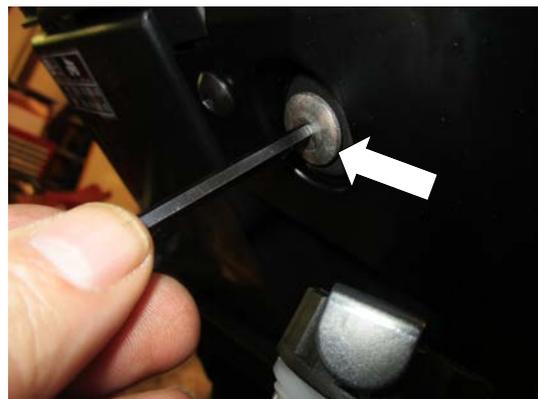
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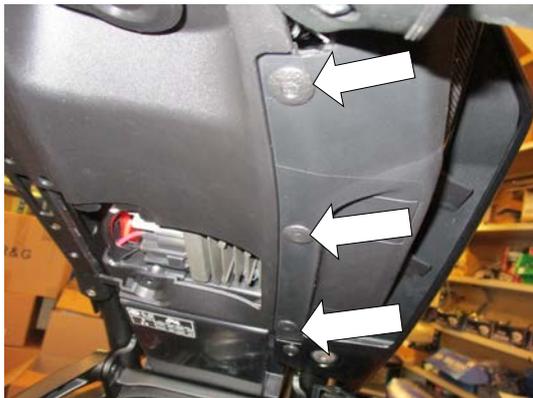
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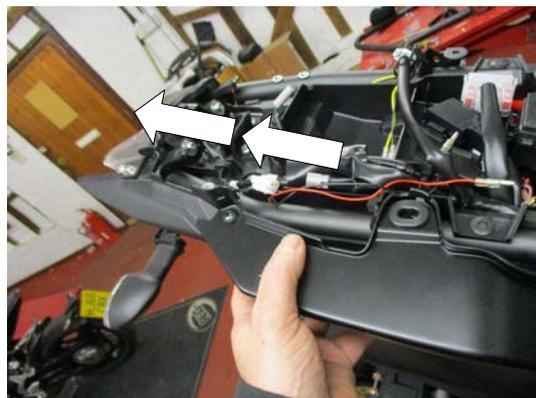
Picture 21



Picture 22



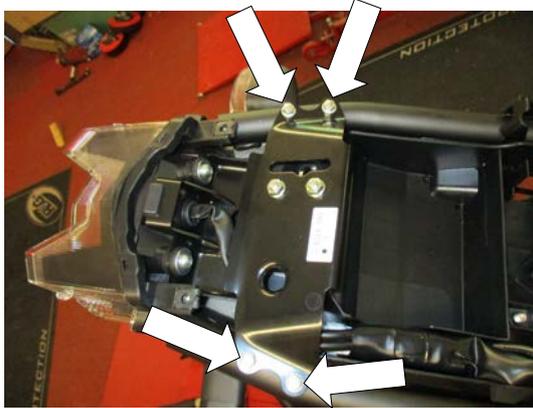
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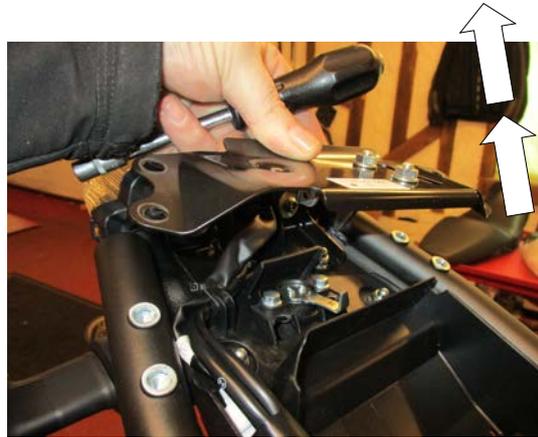
Picture 24



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Picture 25



Picture 26



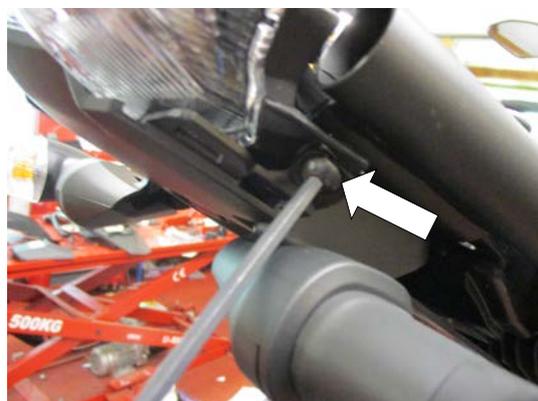
Picture 27



Picture 28



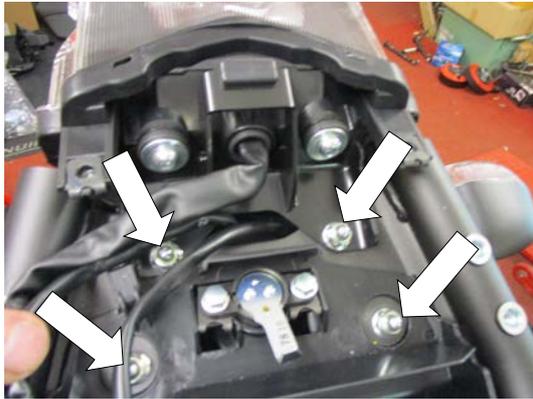
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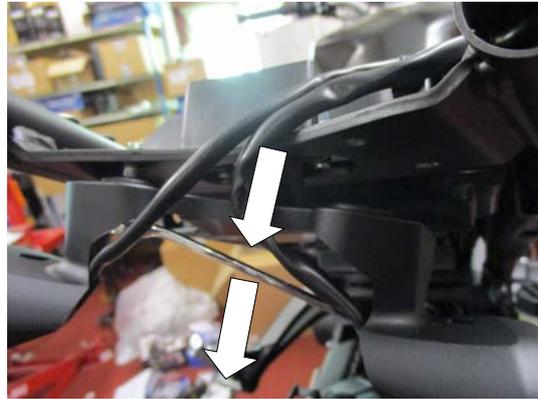
Picture 30



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Picture 31



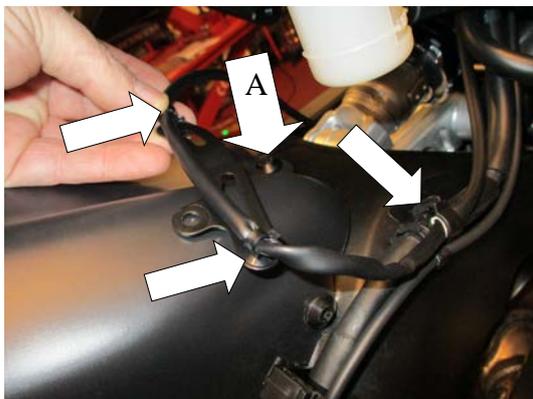
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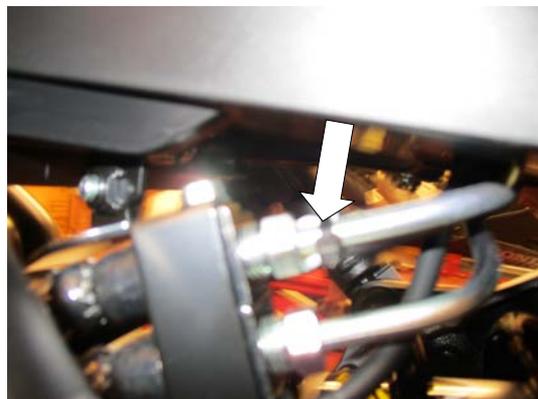
Picture 33



Picture 34



Picture 35

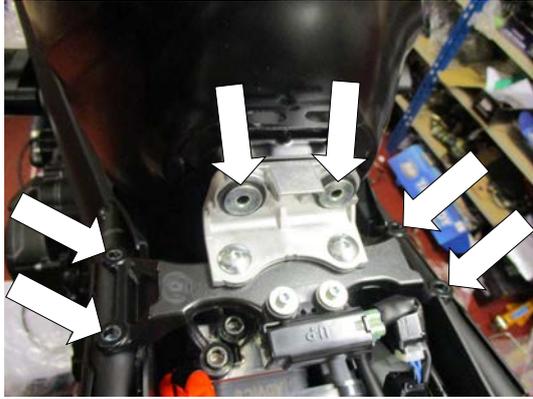


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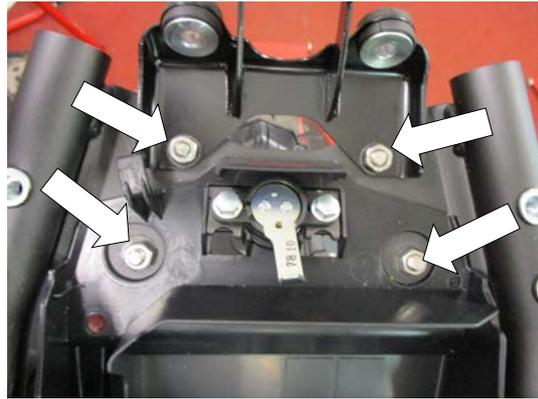
Picture 37



Picture 38



Picture 39



Picture 40



Picture 41



Picture 42



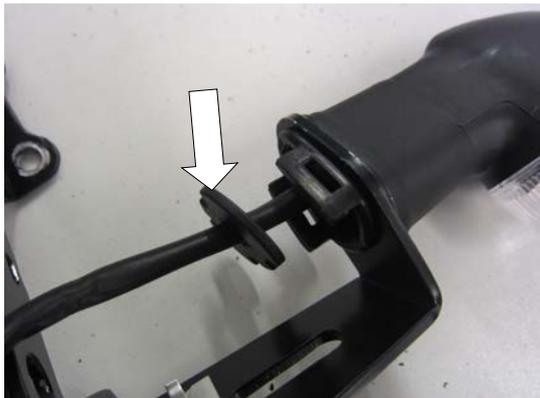
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Picture 43



Picture 44



Picture 45



Picture 46



Picture 47



Picture 48



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Picture 49



Picture 50



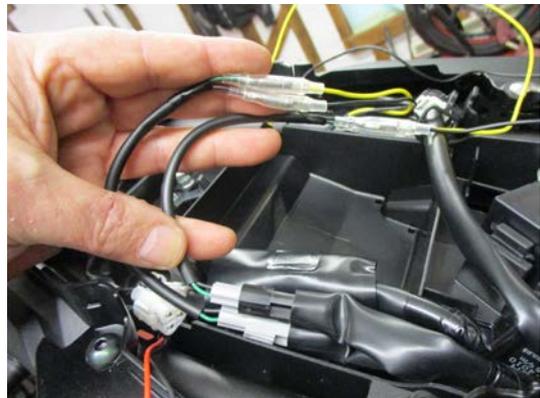
Picture 51



Picture 52



Picture 53



Picture 54



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FITTING INSTRUCTIONS

- Remove the push rivet arrowed in picture 1.
- Remove the bolt arrowed in picture 2, this bolt is fitted with a compression sleeve as shown in picture 3.
- Carefully remove the wiring cover by pushing in the direction of the arrow's shown in picture 4.
- Disconnect the plug socket as shown in picture 4.
- Place the motorcycle onto an appropriate paddock stand using suitable cotton reels and chock the rear wheel as shown in picture 6.
- Remove the rear wheel spindle nut as shown in picture 7.
- Remove the original licence plate bracket as shown in picture 8 and remove the rear spindle.
- Remove the original chain adjuster block from the spindle and replace with the new stepped adjuster block (item 15) as shown in pictures 9 and 10.
- Refit the rear wheel spindle with adjuster block as shown in pictures 11 and 12.
- Fit the remaining adjuster block (item 16) to the spindle and tighten using the original nut and washer to the original recommended torque (147Nm or 108ft lb) as shown in picture 13 (please check chain adjustment at this stage and adjust if required).
- Remove the seat as shown in pictures 14, 15 and 16.
- Remove the push rivet's and bolts arrowed in pictures 17, 18, 19, 20, 21, 22 and 23.
- Carefully push the seat cowl in the direction shown in picture 24 and remove.
- Repeat the above for the opposite seat cowl.
- Remove the four bolts arrowed in picture 25 and lift the seat catch/brace to allow access to the indicator bracket mounting nuts and wiring as shown in picture 26.
- Remove the cable tie arrowed in picture 27 and disconnect the indicator plug sockets as shown in picture 28.
- Remove the two bolts arrowed in pictures 29 and 30, then carefully lower the under-tray.
- Remove the four nuts arrowed in picture 31 and carefully lower the indicator bracket while feeding the wiring through the hole in the subframe as shown in picture 32.

If reusing the original indicators

- Remove the screw arrowed in picture 33 and remove the cover to allow access to the original indicators.
- Remove the indicator spreader plate as arrowed in picture 34.
- Gently squeeze the indicator stem and remove the indicator
- Repeat the above steps to remove the opposite indicator.

- Remove the bolt arrowed 'A' in picture 35 and remove the cable bracket as shown in picture 34.
- Remove the two cable ties arrowed in picture 35.
- Unclip the cable guide clip and remove the original licence plate illuminator wire from the clip as shown in picture 34 (reattach the cable guide clip).
- Follow the wire and remove the cable tie arrowed in picture 36.
- Remove the six bolts arrowed in picture 37 and remove the seat locator/brace.
- Feed the original licence plate into the under-seat space as shown in picture 38 and route along the rear sub frame so it reaches the seat lock/brace area (please ensure it is neat and will not impede the refitting of the seat and ancillary parts).

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- Fit the two licence plate mounting brackets (items 4 and 20) using the bolts, washers and nuts (items 2, 3, 5 and 8) as shown in pictures 39 and 40 (please note the longer bolts (item 5) are fitted in the rear most holes).
- Refit and secure the under-tray as shown in pictures 41, 42 and 43 using the original bolts.

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If reusing the original indicators

- Gently squeeze the indicator stem and fit one of the original indicator adaptors (item 10) as shown in picture 44.
- Fit the indicator with the adaptor to the new licence plate bracket as shown in picture 45.
- Refit the original spreader plate as shown in picture 45.
- Repeat the above steps for the opposite indicator.

If using the mini indicators

- To fit the R&G Mini Indicators (R&G mini indicator product code RG370 for bulb type and RG371 for LED type or RG372 for Aero Style led type).
 - Position one of the indicator adaptors (item 9) onto the wiring of each indicator, ensuring the side facing the bracket has the raised centre profile as shown in picture 46.
 - Feed the wires through the licence plate bracket as shown in picture 46.
 - Feed another of the indicator adaptors (item 9) over the wires as shown in picture 47, ensuring the side facing the bracket has the raised centre profile.
 - Fit one of the indicator nuts over the wires, then one of the indicator nut covers (item 6 -- it helps if a small amount of liquid detergent is used), then one of the lengths of heat shrink (item 14) as shown in picture 47.
 - Tighten the indicator nut with the indicators in the correct position (ensuring the adaptor plates locate into the aperture), feed the nut cover over the nut then feed the heat shrink over the stem of the nut cover and carefully heat the heat shrink using a heat gun or hair dryer.
 - Repeat the above steps for the opposite indicator.
-
- Fit the R&G licence plate illuminator (item 13) as shown in pictures 48 and 49, please note you will have to fit the light shroud and use a small amount of adhesive to hold it in position.
 - Fit the remaining length of heat shrink (item 14) over the wires and **carefully heat the heat shrink** using a heat gun or hair dryer.
 - Offer the new licence plate bracket into position while feeding the wiring through the hole in the under-tray as shown in pictures 50 and 51.
 - Fit three of the button head bolts with washers (items 7 and 8) through the three holes in the new licence plate bracket and secure to the licence plate mounting bracket as shown in picture 52 then repeat for the opposite licence plate mounting bracket.
 - Route the wiring as original and reconnect the licence plate illuminator and indicators to the original plug sockets using the connectors provided (items 11 and 12) as shown in pictures 53 and 54.
 - If using mini indicators, you may have to use resistors to achieve the correct flash rate. It is a good idea to check the licence plate illuminator and indicators at this stage if illumination fails please swap the bullet connection around.
 - Refit the front seat locator/brace as original.
 - Refit and secure the cross brace/seat catch as original.

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- Refit and secure the rear seat cowls as original.
- Refit the seat as original
- Refit licence plate (it may require drilling).
- **IMPORTANT: IF FITTING A FULL-SIZE LICENCE PLATE AND PLACING IT FAR DOWN ON THE LICENCE PLATE HANGER, THERE IS A SMALL CHANCE OF THE LICENCE PLATE HITTING THE BACK WHEEL UNDER HEAVY LOAD AND OVER LARGE BUMPS IN THE ROAD. IT IS YOUR RESPONSIBILITY TO CHECK FOR THIS POSSIBILITY AND TAKE AVOIDING ACTION. FAILURE TO CHECK THIS COULD RESULT IN SERIOUS INJURY.**
- Depending on local laws, attach enclosed reflector in an appropriate location.
- Test the license plate illuminator and all lights before riding.

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