8.0 Strut Bracket Replacement

It is recommended that you work on one side at a time so you can use the factory original side as a reference as needed.

Step 1 - Items Required
- 8.0 Front Strut Assembly Diagram
- 8.0 Front Left Wheel Complete Diagram
- 8.0 Front Right Wheel Complete Diagram
- 8.0 Main Hinge Assembly Diagram (found at end of this document)

Step 2
Remove the 21 mm End Cap from left and right sides of Strut Assembly. Part #7 on Front Left Wheel Diagram and Part #17 on Front Right Wheel Diagram.

Step 3
Loosen the 10mm nut on the M6 x 38mm Bolt (part #3 or 5 on Wheel Complete Diagrams) using 10mm socket or Angled Wrench.

Step 4
Remove 10 mm nut (part # 4 on Wheel diagrams) using Phillips Screwdriver and 10 mm end wrench. Open the Brake Guard.

Required Tools & Parts
- 10 mm end wrench
- 10 mm wrench or socket
- Needle nose pliers
- Regular, slotted Screwdriver
- Phillips Head Screwdriver
- Part # 13 Front Right Strut Bracket
- Part # 6 Front Left Strut Bracket
8.0 Strut Bracket Replacement

Step 5
Remove the Brake Cable, Pin, and Spring from the Front Strut Pivots (#8 and #5 on Wheel diagrams).

Step 6
Remove M6 x 59 mm Bolts, using Phillips screwdriver and 10 mm wrench or socket. (Part #s 5 and 3 on Wheel diagrams).

Step 7
Remove M6 x 81mm Bolts, using Phillips screwdriver and 10 mm wrench or socket. (Part #s 4 and 16 on Front Strut Assembly diagrams).

Step 8
Remove M6 x 64mm Bolts, using Phillips screwdriver and 10 mm wrench or socket. (Part # 1 on Main Hinge Assembly diagram).
Step 9
Remove the Front Strut Bracket from the Front Main Strut.

Step 10
Replace with the new Front Left/Right Strut Bracket.

Step 11
Thread the cable and sheath through the Cable Guide of the Front Left/Right Strut Bracket.

Step 12
Insert the Front Strut Bracket into the recess of the Main Strut Mount (Part #6 and 12 on Main Hinge Assembly Diagram).
8.0 Strut Bracket Replacement

**Step 13**
Align the screw holes on the Main Strut Mount and the Front Main Strut. Insert an M6 x 64mm Bolt, thread nut, and tighten using Phillips screwdriver and 10mm wrench or socket.

**Step 14**
Insert the Front Main Strut into the Front Strut Pivot.

**Step 15**
Align the screw holes on the Front Strut Bracket and the Front Slider Bracket. Insert M6 x 81 Bolt, thread nut on, and tighten using Phillips screwdriver and 10mm wrench or socket.

**Step 16**
Align the screw holes on Front Strut Pivot and Front Main Strut, insert M6 x 59 Bolt, thread nut, and tighten, using Phillips screwdriver and 10 mm wrench or socket.
8.0 Strut Bracket Replacement

Step 17
Insert the Brake Cable into the Brake Pin.

Step 18
Open the Brake Guard and insert the Brake Pin into the Front Strut Pivot, (through the Brake Spring).

Step 19
Insert the Brake Cable into the hole in the Cable Nut Assembly, (Part # A10 on Front Wheel diagrams).

Step 20
Visually inspect to confirm that the Brake Cable is routed through the Cable Nut Assembly Bolt.
8.0 Strut Bracket Replacement

**Step 21**
Tighten the 10mm nut on the Cable Nut Assembly Bolt, using a 10mm socket.

**Step 22**
Close the Brake Guard, align the holes of the components, and insert the M5 x 38mm Bolt. Thread 10mm nut and tighten using Phillips screwdriver and 10 mm wrench or socket.

**Step 23**
Replace the End Caps, closing the cavity of the Cable Nut Assembly. Depress until flush with component.

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PR8-36H-FLPAFG
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06-M44-M6x6N
M5 NYLOCK NUT
06-M43-M5N
M12 WASHER
φ12×φ23.5×1.5
06-M57-M12WS
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