



Number: TSB-FC-2014-031 Squeegee
Support Brackets Breaking
UPDATED

Symptom: Squeegee Support Brackets
Breaking

Date: 29th Feb. 2016

Urgency: Medium

Author: Aaron Clark

Urgency:



MEDIUM: Rework needs
to be done by next
possible occasion

SYMPTOM:

The squeegee bracket (PN 9096045000) on the SC750/SC800 and Focus II Midsize machines breaks upon impact with door frames and other fixed objects.

PRODUCTS:

SC750, SC800, Focus II MidSize

SYSTEM:

Squeegee Assembly

ISSUE:

Squeegee support bracket breaking, see cause section.

CAUSE:

Squeegee thumbnuts are over tightened typically using a tool such as a pliers.

The bolt the thumbnut screws onto is zinc plated rather than stainless steel. (SC750/SC800 only)

The large rubber or plastic washer is either missing or not placed between the thumbnut and the squeegee support bracket.

The squeegee impacts a fixed object at a high rate of speed with the squeegee off the floor.

ECO / ODM #:

A-09635

PRODUCTION CORRECTIVE ACTIONS:

Added Polyurethane Washer (PN 56384502) with an interference fit to the top of the squeegee support bracket (PN 9096045000) to enhance breakaway function. Changed from zinc plated squeegee bolt to stainless steel bolt (PN 56002884) SCR-HEX SS 5/16-18 X 1.25 on the SC750/SC800. Added decals to top of bracket showing correct washer position (see page 3 for location).



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PRODUCTION SOLUTION IMPLEMENTATION DATE and / or SERIAL NUMBER:

First production machine with new black polyurethane washer, stainless steel bolt and decal installed as standard.

Implementation shipping date: 5th Aug. 2015

Serial Number: 4000094629

FIELD CORRECTIVE ACTIONS: On all machines make sure the black nylon washers, P/N 56384502 are placed between the squeegee thumbnut and the squeegee support bracket as shown on page 3.

If the bracket has broken and the SN is prior to 4000065932 please order:

Qty. 2 P/N 56002884 - SCR-HEX SS 5/16 -18 X 1.25

Qty. 1 P/N 56384513 SQUEEGEE BRACKET KIT

Kit contains: Qty.1 - SQUEEGEE SUPPORT

Qty.2 - DECAL-SQUEEGEE

Qty.2 - WASHER-POLYURETHANE-1.25

If the bracket has broken and the SN is after to 4000065931 please order:

Qty. 1 P/N 56384513 SQUEEGEE BRACKET KIT



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COMPONENT LOCATIONS / PICTURES:



**Serial Number Tag Location
SC750/SC800**



**Serial Number Tag Location Fo-
cus II Midsize**



**Insert Nylon Washer Above
Support Bracket**



**Thumb Nut Installed
DO NOT USE ANY TOOLS TO TIGHTEN**



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ALTERNATIVE FIELD CORRECTIVE ACTIONS: A SQUEEGEE SUPPORT PLATE KIT was also developed to further reinforce the squeegee support bracket for some environments.

9098912000 KIT, PLATE SQUEEGEE SUPPORT - To further strengthen the squeegee system for certain applications. (Shown below)

