

Service Letter

FAA-DER APPROVED

Service Letter: No. 348

Subject: Condenser Scoop Actuator Replacement Procedure.

Date: 10 October 2006

Applicability: Bell Helicopter Model, 206, 407, 427 Equipped with the Air Comm Air Conditioning system.

Reference: F.A.A./ S.T.C. # SR0022DE, Bell 407 & #SR00418DE, Bell 427 Air Conditioning System.
S-7058EC 427 Condenser Blower drawing
S-7062EC 407 Condenser Blower drawing
S-7060EC 206 Condenser Blower drawing
Service Letter SL 329, Bellcrank Replacement & Adjustment

Compliance: At the discretion of the operator, or failure of the scoop actuator assy.

Background: To replace a failed ES39210-2 Actuator Scoop Door Assembly.

Bill of Materials:

Item	Part Number	Description	Qty.
1	ES39210-2	Actuator Assy.	1
2	AN380-2-2	Cotter Pin	2
3	CT4B	Cable Tie	3

CAUTION

Disconnect Battery and External Power from aircraft before starting work!

Replacement of Condenser Scoop Actuator assy.

1. Remove Screws holding the Condenser Scoop assy. to the belly of the aircraft, to allow access to the electrical connection of the Condenser blower / actuator assy.
2. Disconnect Condenser blower / actuator electrical connector, and remove Condenser Scoop and blower assy. from aircraft.
3. Remove Cotter Pin, Nut, Bolt, & Washers hardware from the Clevis S-7036EC-41 to the bellcrank / scoop, and ES39210-2 actuator assembly.
4. Remove Cotter Pin, Nut, Bolt, & Washers form the S-7036EC-27 Support.
5. Remove the CT4B Cable ties (3 Places) from the actuator power wires above the Molex connector.

Continued

Replacement of Condenser Scoop Actuator Assy. Continued:

6. Remove the "red" & "white wires" from the molex connector and remove & discard failed actuator.

Install the new ES39210-2 Actuator assembly in the reverse order of its removal, and adjust the condenser scoop in accordance with Air Comm Service Letter SL 329, Condenser Scoop / Bellcrank Replacement & Adjustment Procedure.

