



**Commercial
Aviation
Services**

SERVICE LETTER

CUSTOMER SUPPORT ENGINEERING • BOEING COMMERCIAL AIRPLANES • P.O. BOX 3707 • SEATTLE • WASHINGTON 98124-2207

737-SL-80-019-A
ATA: 8011-00
12 June 2015

SUBJECT: ENGINE START SWITCH IMPROVEMENT

MODEL: 737-600, -700, -700c, -800, -900, -900ER, -BBJ Series

APPLICABILITY: All 737NG airplanes

REFERENCES:

- a) Fleet Team Economic (FTE) item, 737NG-FTE-80-13001, dated 13 February 2013
- b) Aircraft Illustrated Parts (IPC) Catalog, 74-31-52-02 item 20, dated 15 April 2015

EXPORT COMPLIANCE STATEMENT:

Export of this technology is controlled under the United States Export Administration Regulations (EAR) (15 CFR 730-774). An export license may be required before it is used for development, production, or use by foreign persons from specific countries. The controller of this data has the individual responsibility to abide by all export laws.

ECCN: 9E991

SUMMARY:

This service letter informs operators of the availability of an improved Engine Start Switch.

BACKGROUND:

Several operators have reported poor reliability of the Engine Start Switch. Failure to hold in the START position, auto cutout failure, and switch binding have been reported. In addition, the reference a) FTE item reported start switch knobs falling off during engine start.

Evaluation of knobs returned from service found a slight dimensional difference between the knob and start switch shaft. The dimensional difference gives the potential for minor rotational movement of the knob relative to the start switch shaft. Evidence of wear was noted on the end of the set screws resulting in the knob becoming loose.

BOEING ACTION:

Boeing and Ducommun LaBarge Technologies, Inc. have developed a replacement Engine Start Switch. The new switch, Part Number, (P/N) 530938-1, will be installed in production on line

position 5300 and subsequent. The new switch will be a direct replacement for the existing switch for all 737NG airplanes.

Switch, P/N 530938-1, is expected to offer improved reliability over the existing Cole Instrument Corporation switch, P/N 6600-2849. In addition, the new switch will incorporate machined flats on the start switch shaft for improved knob retention.

SUGGESTED OPERATOR ACTION:

Operators may elect to install the new switch, P/N 530938-1, in place of the existing Cole Instrument Corporation switch, P/N 6600-2849.

WARRANTY INFORMATION:

Boeing warranty remedies are not available for the information included in this service letter.

INTERCHANGEABILITY:

The switch, P/N 530938-1, is conditionally interchangeable with switch, P/N 6600-2849. The switch, P/N 6600-2849, uses spacer, P/N 69-59092-1, on the switch shaft before knob, FTE P/N GP043-102, is installed. The switch, P/N 530938-1, does not use a spacer. The Aircraft Illustrated Parts Catalog will be revised to show interchangeability of the two switches.

CMC / EICAS MESSAGE:

N/A

SUPPLIER:

Ducommun LaBarge Technologies, Inc.
23301 Wilmington Ave.
Carson, CA 90745
310-513-7200

BHO:msn

Original: Dated: 7 May 2015
Revision A: Revised to add the warranty information.