



TASK 52-71-21-640-801-A

EFFECTIVITY: ALL

1. Main-Door Sensors Mechanism - Lubrication

A. General

- (1) This task gives the procedure to lubricate the mechanism of the main-door sensors supports.
- (2) The mechanisms of the main-door sensor support are installed on the main door, in zone 811.
- (3) This task obeys maintenance requirement number: 52-71-02-002 (SMR Chapter 5).
- (4) The approved grease is:
 - MOLIKOTE DC-33 LIGHT
- (5) This maintenance technician is necessary to do this task:
 - 1 - Mechanical Systems

B. References

REFERENCE	DESIGNATION
AMM SDS 24-62-00/1	DC POWER SECONDARY DISTRIBUTION
AMM SDS 52-10-00/1	MAIN DOOR
AMM TASK 20-00-00-910-801-A/200	Aircraft Maintenance Safety Procedures - Maintenance Practices
AMM TASK 25-23-04-000-801-A/400	Main Door Lining - Removal
AMM TASK 52-11-23-000-801-A/400	Main-Door Internal Handle - Removal
AMM TASK 52-11-23-400-801-A/400	Main-Door Internal Handle - Installation

C. Zones and Accesses

ZONES ACCESS	LOCATION	REFERENCE
811	Main Door	AMM TASK 06-30-00-800-802-A/100

D. Tools, Equipment and Auxiliary Items

REFERENCE	DESIGNATION
Commercially available	Wiper cloth, lint-free

E. Consumable Materials

SPECIFICATION	DESIGNATION	PART NUMBER	REFERENCE
MEP08-031	GREASE, SILICON, LOW TEMPERATURE, LIGHT CONSISTENCY	MOLIKOTE DC-33 LIGHT	CPC SECTION 03



F. Circuit Breaker List

DESIGNATION	LOCATION	BUS	LOCATION TIP
LG NWS HYD 1B	SDU 1	DC BUS 1	SDU 1 - J6 - 2
LG/NWS/HYD CTRL 1A	RHCBP	EMER BUS 2	RHCB - D15

G. Job Set-Up

SUBTASK 010-002-A

WARNING: MAKE SURE THAT THE AIRCRAFT IS IN A SAFE CONDITION BEFORE YOU DO THE MAINTENANCE PROCEDURES. THIS IS TO PREVENT INJURY TO PERSONS AND/OR DAMAGE TO THE EQUIPMENT.

- (1) Do the procedure to make the aircraft safe for maintenance (AMM TASK 20-00-00-910-801-A/200).

SUBTASK 010-003-A

- (2) Open the main door (AMM SDS 52-10-00/1).

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- (3) On the SPDS DU (AMM SDS 24-62-00/1), set the status of this SSPC to OFF:
 - LG NWS HYD 1B (MENU: LANDING GEAR)
- (4) In the cockpit, on the CBP, open this circuit breaker and put a circuit breaker ring-and-tag on it:
 - LG/NWS/HYD CTRL 1A (EMER BUS 2/RHCB - D15)

SUBTASK 020-002-A

- (5) Remove the main-door internal handle (AMM TASK 52-11-23-000-801-A/400).
- (6) Remove the main door linings (AMM TASK 25-23-04-000-801-A/400), as necessary.

H. Main-Door Sensors Mechanism - Lubrication (Figure 301)

SUBTASK 640-002-A

EFFECTIVITY: ON ACFT WITH SPRING PISTON ON MAIN-DOOR LOCKED SENSOR SUPPORT OR PRE-MOD SB 550-52-0006

- (1) Lubricate the main-door-locked sensor piston (1), as follows:
 - (a) Lubricate the locked sensor piston with MOLIKOTE DC-33 LIGHT. Refer to [Figure 301, Sheet 1](#).

NOTE: Carefully operate the sensor target (2) some times to make sure that all the surface of the locked sensor piston is covered by lubricant. Refer to [\(DET E\)](#).
 - (b) With a dry lint-free wiper cloth, clean the unwanted MOLIKOTE DC-33 LIGHT that came out during the lubrication procedure. Refer to [Figure 301, Sheet 1](#)
- (2) Lubricate the main-door-closed sensor-mechanism axis (3), as follows:



- (a) Lubricate the main-door-closed sensor-mechanism axis with MOLIKOTE DC-33 LIGHT. Refer to [Figure 301, Sheet 2](#).
 - (b) If necessary, install the main-door internal handle (AMM TASK 52-11-23-400-801-A/400) and carefully operate the main door to make sure that you apply the MOLIKOTE DC-33 LIGHT along all the sensor-support mechanism axis. Refer to [Figure 301, Sheet 2](#).
 - (c) With a dry lint-free wiper cloth, clean the unwanted MOLIKOTE DC-33 LIGHT that came out during the lubrication procedure. Refer to [Figure 301, Sheet 2](#).
- (3) Lubricate the main-door-latched sensor-mechanism axis (4), as follows:
- (a) Lubricate the main-door-latched sensor-mechanism axis with MOLIKOTE DC-33 LIGHT. [Figure 301, Sheet 2](#).
 - (b) If necessary, install the main-door internal handle (AMM TASK 52-11-23-400-801-A/400) and carefully operate the main door to make sure that you apply the MOLIKOTE DC-33 LIGHT along all the sensor-support mechanism axis. Refer to [Figure 301, Sheet 2](#).
 - (c) With a dry lint-free wiper cloth, clean the unwanted MOLIKOTE DC-33 LIGHT that came out during the lubrication procedure. Refer to [Figure 301, Sheet 2](#).

I. Main-Door Sensors Mechanism - Lubrication ([Figure 302](#))

SUBTASK 640-005-A

EFFECTIVITY: ON ACFT WITHOUT SPRING PISTON ON MAIN-DOOR LOCKED SENSOR SUPPORT OR POST-MOD SB 550-52-0006

- (1) Lubricate the main-door-closed sensor-mechanism axis (1), as follows:
 - (a) Lubricate the main-door-closed sensor-mechanism axis with MOLIKOTE DC-33 LIGHT. Refer to [Figure 302, Sheet 1](#).
 - (b) If necessary, install the main-door internal handle (AMM TASK 52-11-23-400-801-A/400) and carefully operate the main door to make sure that you apply the MOLIKOTE DC-33 LIGHT along all the sensor-support mechanism axis. Refer to [Figure 302, Sheet 1](#)
 - (c) With a dry lint-free wiper cloth, clean the unwanted MOLIKOTE DC-33 LIGHT that came out during the lubrication procedure. Refer to [Figure 302, Sheet 1](#).
- (2) Lubricate the main-door-latched sensor-mechanism axis (2), as follows:
 - (a) Lubricate the main-door-latched sensor mechanism axis with MOLIKOTE DC-33 LIGHT. Refer to [Figure 302, Sheet 2](#).
 - (b) If necessary, install the main-door internal handle (AMM TASK 52-11-23-400-801-A/400) and carefully operate the main door to make sure that you apply the MOLIKOTE DC-33 LIGHT along all the sensor-support mechanism axis. Refer to [Figure 302, Sheet 2](#).
 - (c) With a dry lint-free wiper cloth, clean the unwanted MOLIKOTE DC-33 LIGHT that came out during the lubrication procedure. Refer to [Figure 302, Sheet 2](#).



J. Job Close-Up

SUBTASK 940-002-A

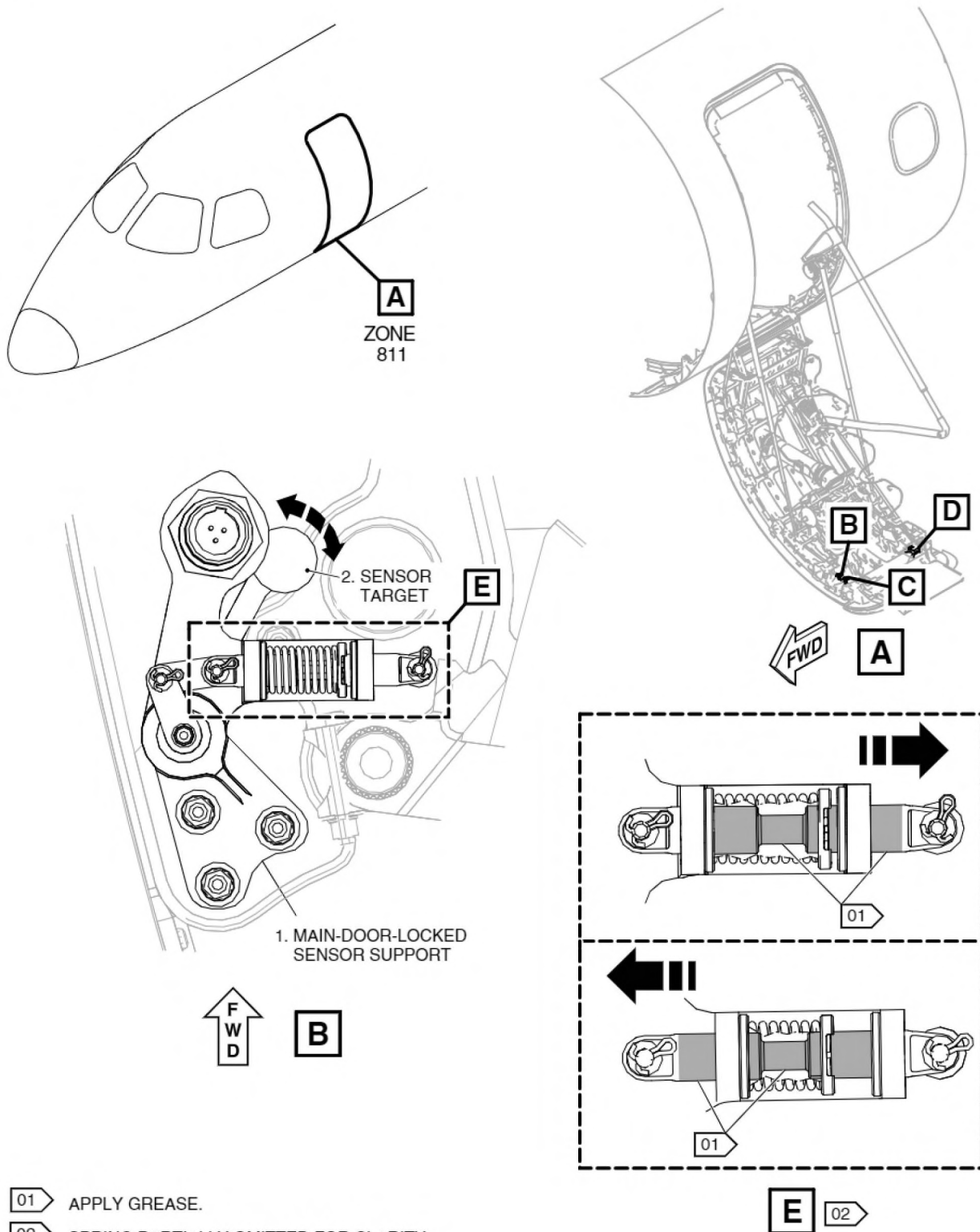
- (1) Install the main door linings (AMM TASK 25-23-04-000-801-A/400).
- (2) Install the main-door internal handle (AMM TASK 52-11-23-000-801-A/400).
- (3) Do the procedure to restore the aircraft after the maintenance procedures.



EFFECTIVITY: ON ACFT WITH SPRING PISTON ON MAIN-DOOR LOCKED SENSOR SUPPORT OR PRE-MOD SB 550-52-0006

Main-Door Sensors Mechanism - Lubrication

Figure 301 - Sheet 1



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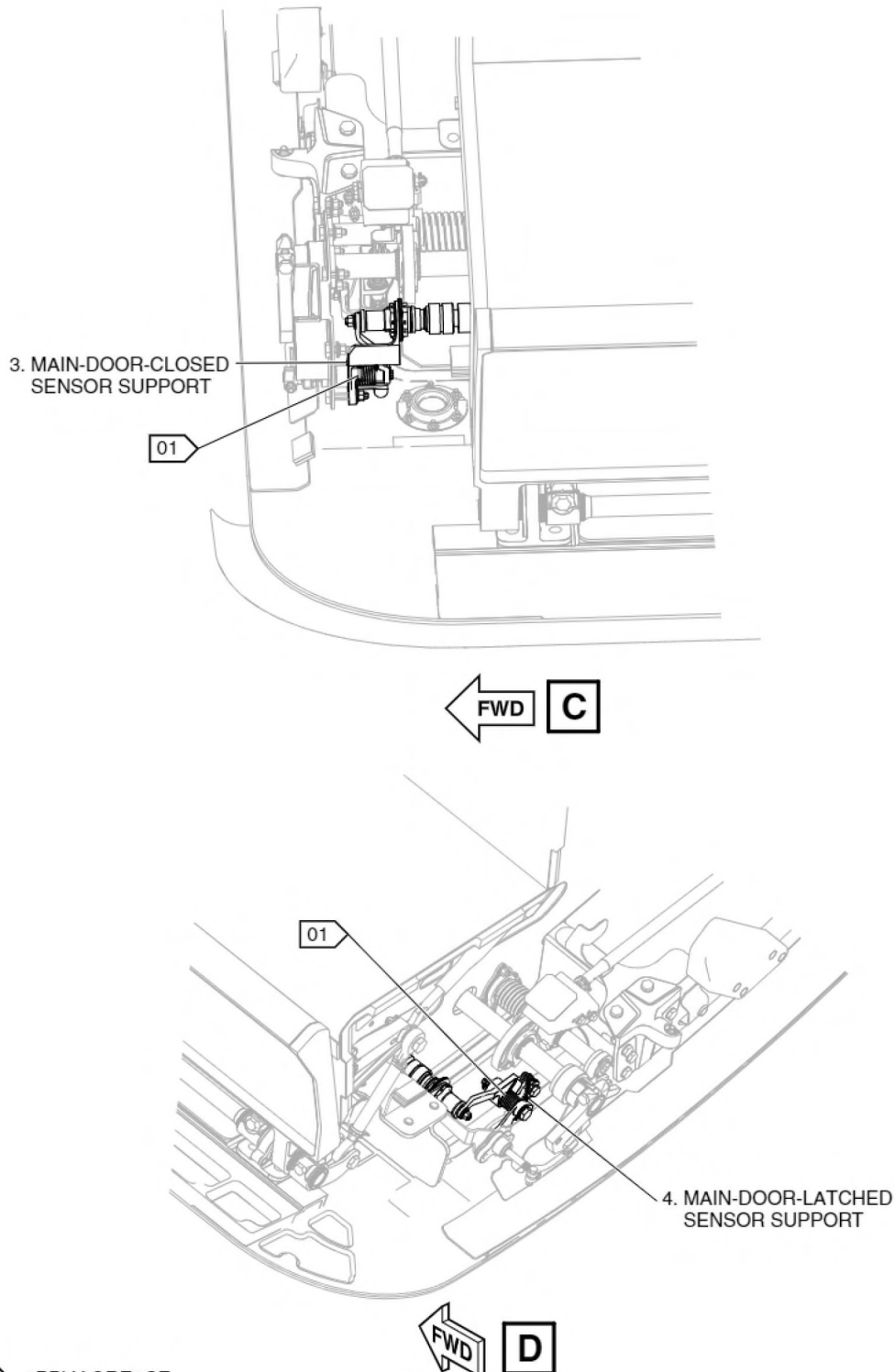
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EFFECTIVITY: ON ACFT WITH SPRING PISTON ON MAIN-DOOR LOCKED SENSOR SUPPORT OR
PRE-MOD SB 550-52-0006

Main-Door Sensors Mechanism - Lubrication

Figure 301 - Sheet 2



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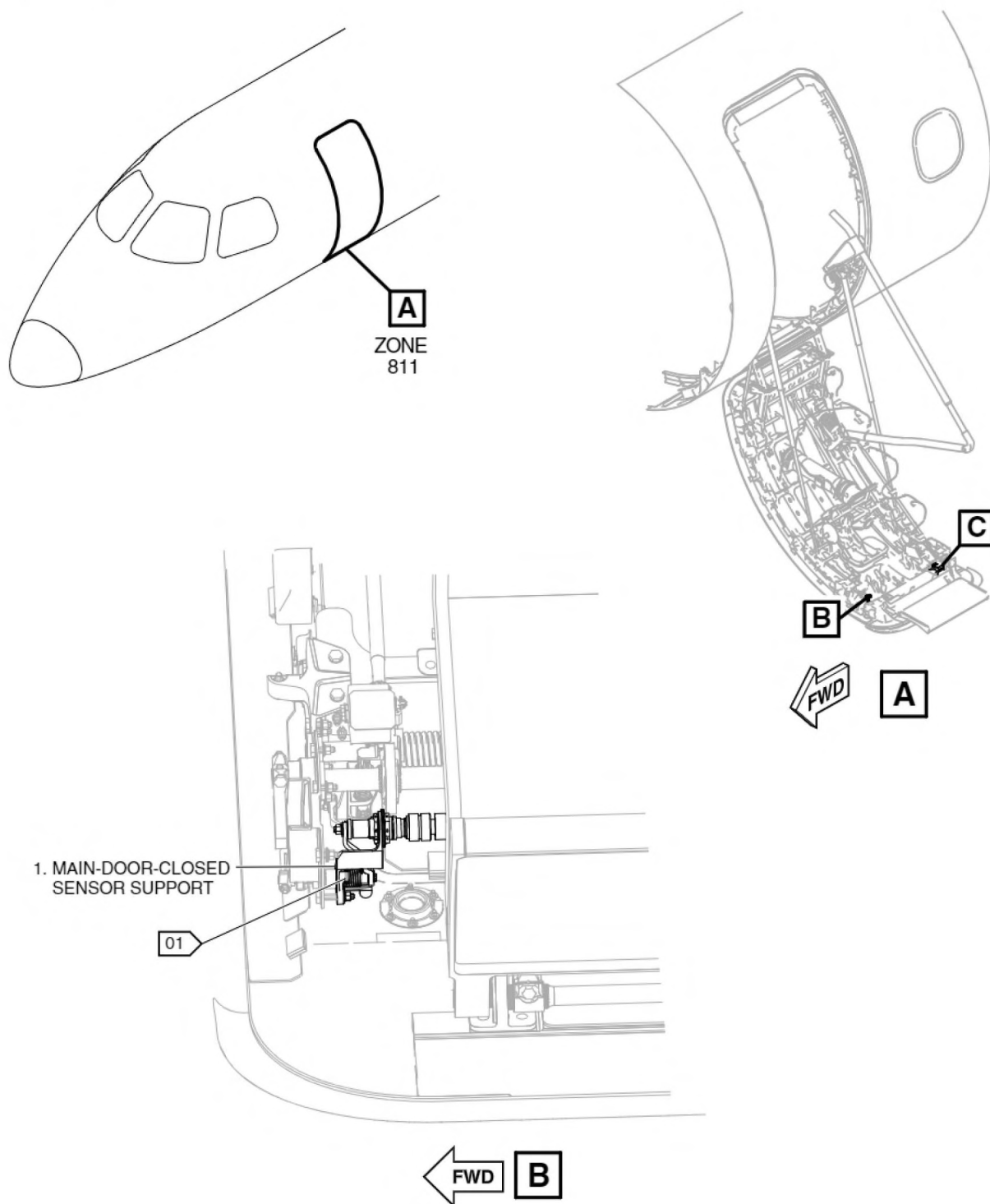
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EFFECTIVITY: ON ACFT WITHOUT SPRING PISTON ON MAIN-DOOR LOCKED SENSOR SUPPORT OR
POST-MOD SB 550-52-0006

Main-Door Sensors Mechanism - Lubrication

Figure 302 - Sheet 1

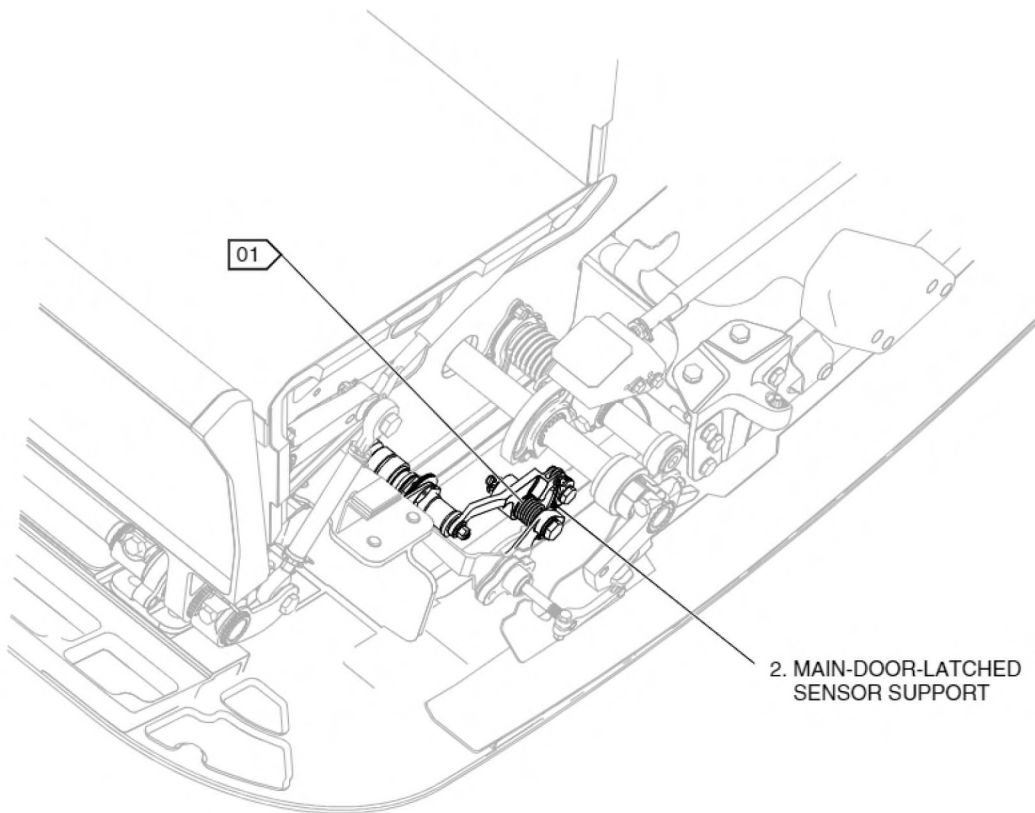


01 APPLY GREASE.



EFFECTIVITY: ON ACFT WITHOUT SPRING PISTON ON MAIN-DOOR LOCKED SENSOR SUPPORT OR
POST-MOD SB 550-52-0006

Main-Door Sensors Mechanism - Lubrication
Figure 302 - Sheet 2



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