

**CHAPTER**

**35**

**OXYGEN**



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ILLUSTRATED TOOL AND EQUIPMENT MANUAL

CHAPTER 35  
OXYGEN

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## ILLUSTRATED TOOL AND EQUIPMENT MANUAL

**PART NUMBER: A35001-10**

**NAME:** RETRACTION EQUIPMENT - FIRING PIN, OXYGEN SYSTEM

**AIRPLANE MAINTENANCE:** YES

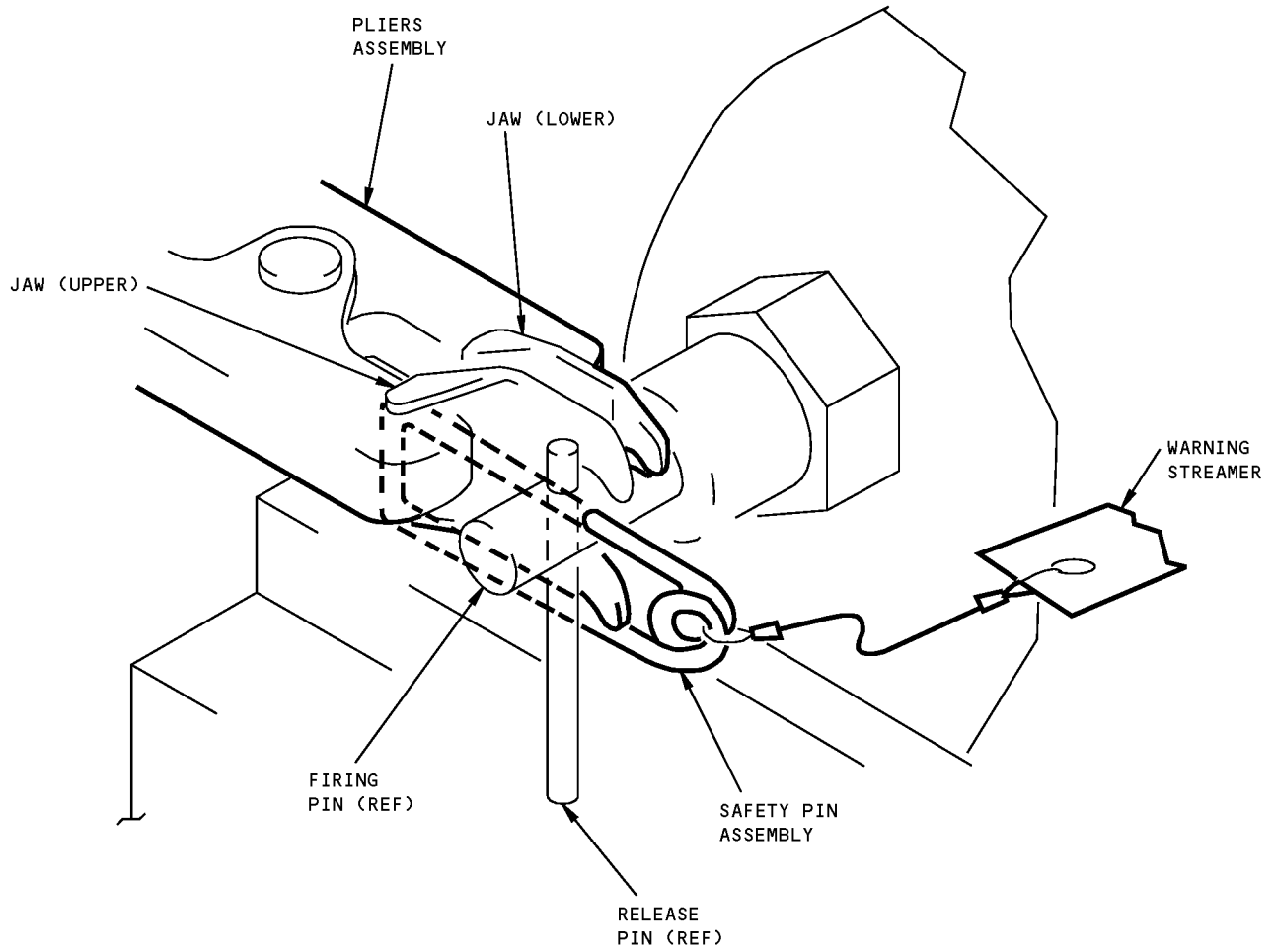
**COMPONENT MAINTENANCE:** NO

**USAGE & DESCRIPTION:** The A35001-10 retraction equipment is used on 767 airplanes equipped with chemical oxygen generators. A35001-1 is not for use on oxygen generators manufactured by Draeger Aerospace, which uses Draeger's own unique equipment. A35001 is used during maintenance operations to disarm or arm the oxygen system generator during removal or installation. Refer to AMM 35-21-04, AMM 35-21-10, AMM 35-21-11, AMM 35-21-12, AMM 35-21-13, AMM 35-21-14 and AMM 35-21-15. A35001-10 consists of an A35001-2 pliers assembly and twelve A35001-8 safety pins with warning streamers contained in a storage box.

**WEIGHT:** 2 lbs (0.9 kg)

**DIMENSIONS:** 3 x 10 x 10 inches (76 x 254 x 254 mm)

**NOTE:** A35001-10 supersedes A35001-1.  
C35003 replaces A35001 for future procurement.



**Oxygen System Firing Pin Retraction Equipment**  
**Figure 1**



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## ILLUSTRATED TOOL AND EQUIPMENT MANUAL

**PART NUMBER: C35003-1**

**NAME:** RETRACTION EQUIPMENT - FIRING PIN, OXYGEN SYSTEM

**AIRPLANE MAINTENANCE:** YES

**COMPONENT MAINTENANCE:** NO

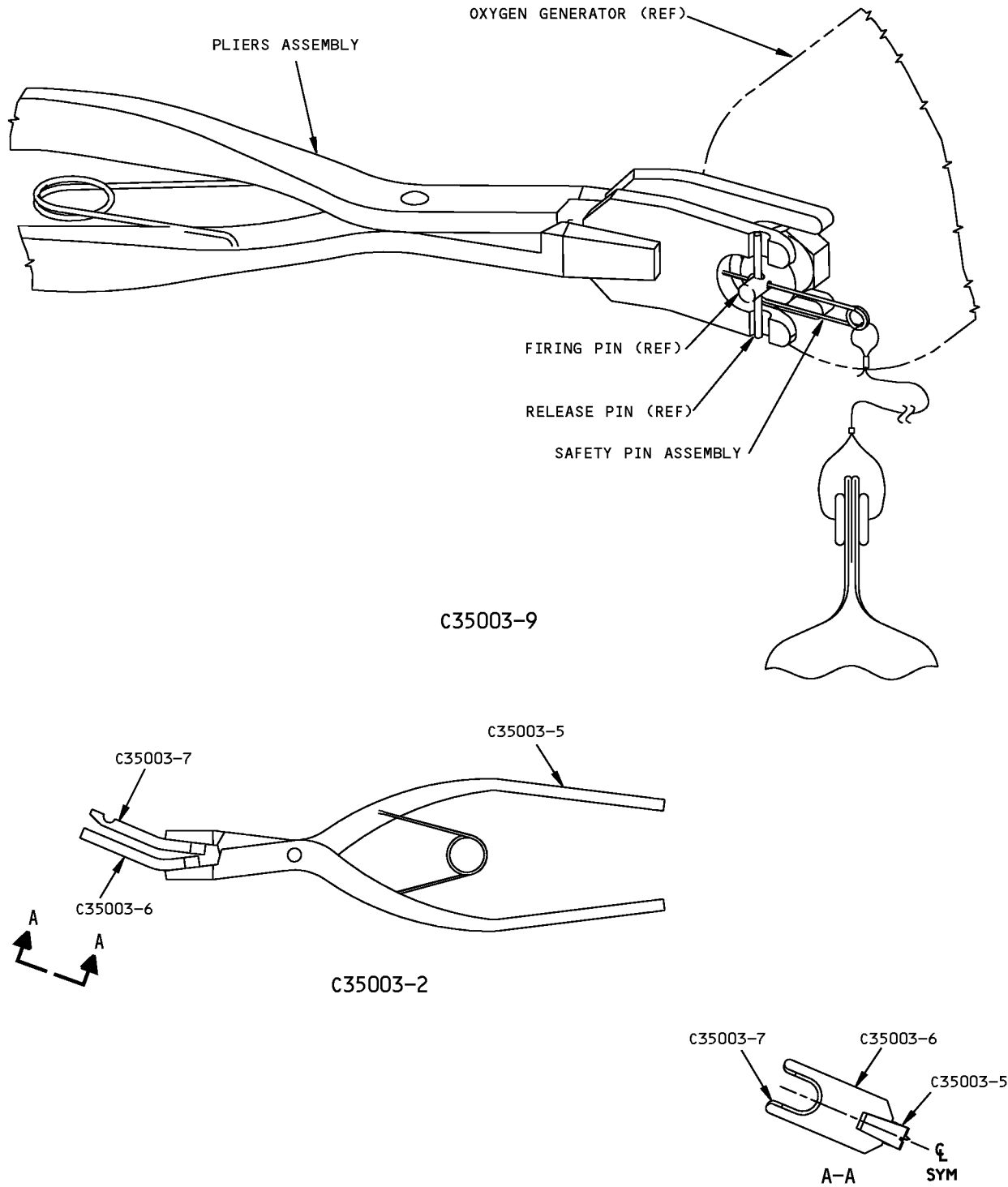
**USAGE & DESCRIPTION:** The C35003-1 retraction equipment is used on 767 airplanes equipped with B/E Aerospace and Avox Systems/Scott Aviation chemical oxygen generators. The C35003-1 is not used on oxygen generators manufactured by Draeger Aerospace, which uses Draeger's unique equipment. The C35003 is used during maintenance operations to disarm or arm the oxygen system generator during removal or installation. Refer to AMM 35-21-04, AMM 35-21-10, AMM 35-21-11, AMM 35-21-12, AMM 35-21-13, AMM 35-21-14, AMM 35-21-15 and current C35003 drawing for complete usage instructions. C35003-1 consists of a C35003-2 pliers assembly, twelve safety pin assemblies with warning streamers, and a storage box.

**WEIGHT:** 2 lbs (0.9 kg)

**DIMENSIONS:** 3 x 10 x 10 inches (76 x 254 x 254 mm)

**NOTE:** A35001-10 supersedes A35001-1.  
C35003 replaces A35001 for future procurement.

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**Retraction Equipment - Firing Pin, Oxygen System  
Figure 1**



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## ILLUSTRATED TOOL AND EQUIPMENT MANUAL

**PART NUMBER: A35002-7, -10**

**NAME:** DOOR RETAINER - PASSENGER SUPPORT UNIT (PSU) OXYGEN

**AIRPLANE MAINTENANCE:** YES

**COMPONENT MAINTENANCE:** NO

**USAGE & DESCRIPTION:** The A35002-7 or -10 door retainer is used on all passenger 767 airplanes equipped with the 417T3051 oxygen/light panel assembly inboard PSU. A35002 is used to hold PSU oxygen doors in a closed position during testing of PSU oxygen door actuator system. This prevents the oxygen equipment from descending and eliminates repacking the oxygen equipment. Refer to AMM 35-21-00 and current A35002 drawing for additional usage instructions. A35002-7 and -10 consists of:

<b>A35002-7</b>		
<b>QUANTITY</b>	<b>NOMENCLATURE</b>	<b>PART NUMBER</b>
1	RETAINER ASSEMBLY	A35002-2
1	STORAGE BOX	

<b>A35002-10</b>		
<b>QUANTITY</b>	<b>NOMENCLATURE</b>	<b>PART NUMBER</b>
200	RETAINER ASSEMBLIES	A35002-11
1	STORAGE BOX	

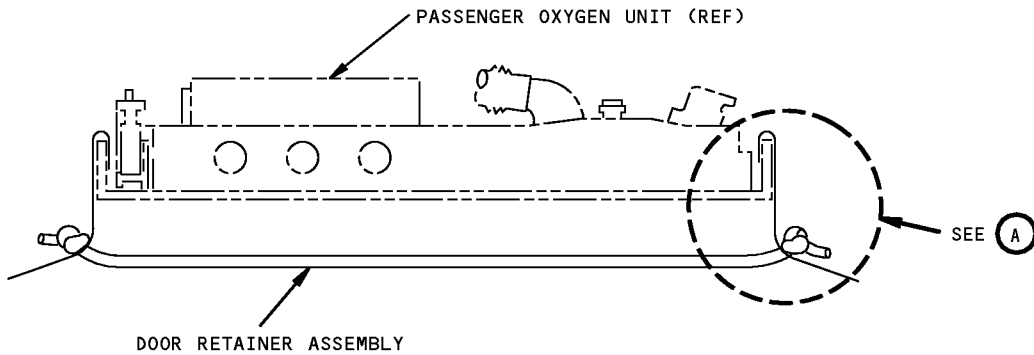
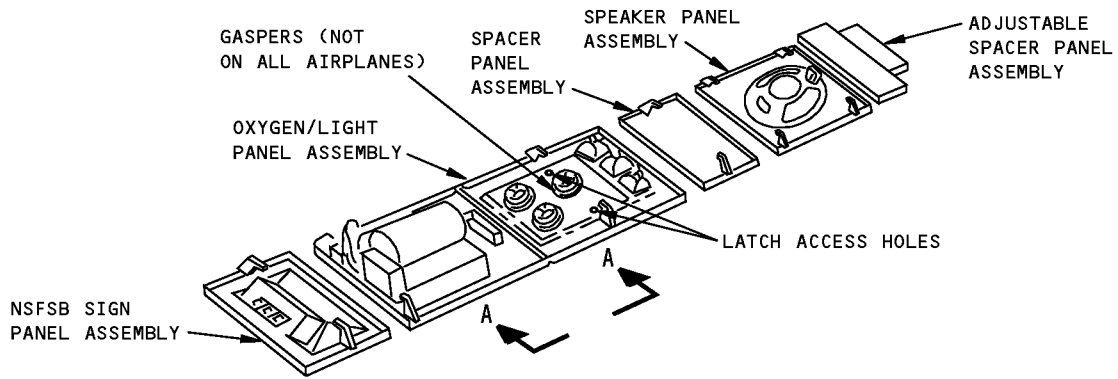
**WEIGHT:** A35002-7 - 1 lb (0.5 kg)  
A35002-10 - 5 lb (2.3 kg)

**DIMENSIONS:** A35002-7 - 1 x 2 x 4 inches (25 x 51 x 102 mm)  
A35002-10 - 6 x 12 x 12 inches (152 x 305 x 305 mm)

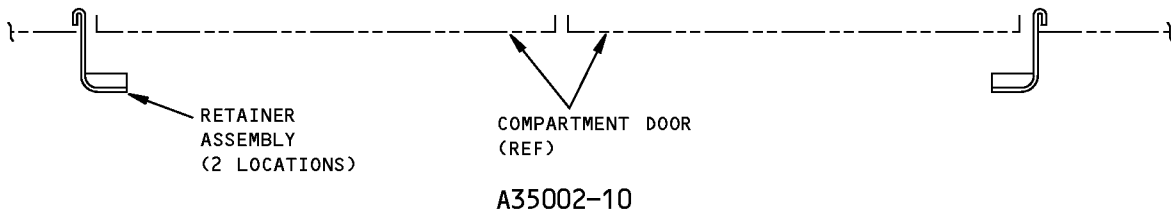
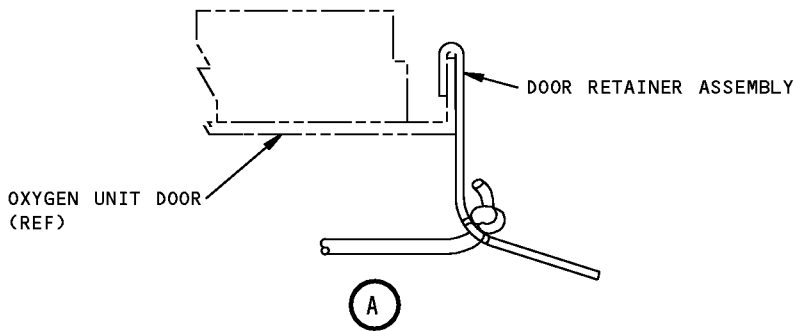
**NOTE:** A35002-10 replaces A35002-7 for future procurement.  
A35002-7 supersedes A35002-1.



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A35002-7  
A-A



A35002-10

**Passenger Support Unit Oxygen Door Retainer  
Figure 1**



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## ILLUSTRATED TOOL AND EQUIPMENT MANUAL

**PART NUMBER: G35003-1**

**NAME:** RESTRAINING EQUIPMENT - PASSENGER SERVICE UNIT (PCU) OXYGEN DOORS

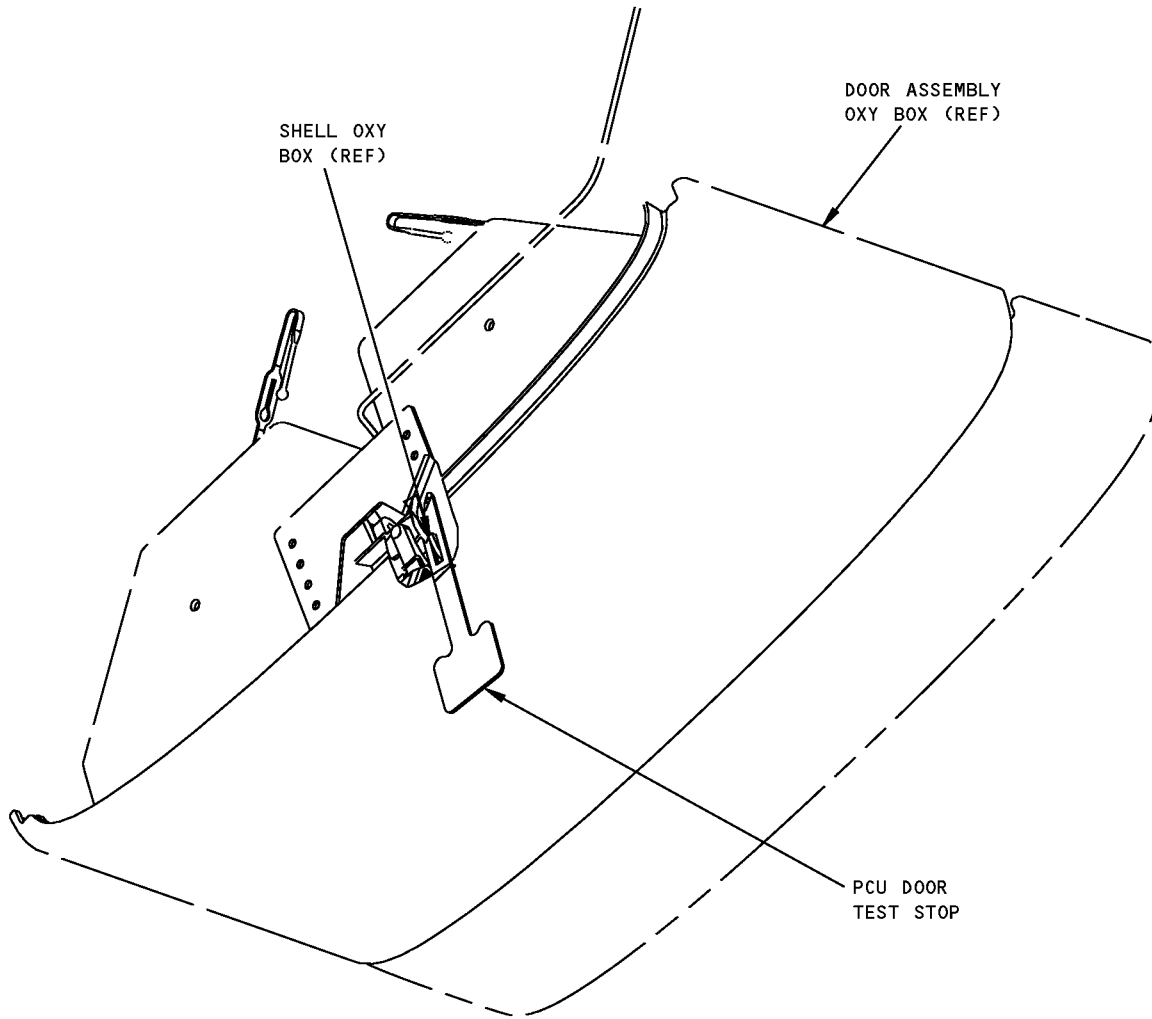
**AIRPLANE MAINTENANCE:** YES

**COMPONENT MAINTENANCE:** NO

**USAGE & DESCRIPTION:** The G35003-1 restraining equipment is used on 767-400 airplanes. The tool is used to restrain the oxygen box door of the passenger service unit (PCU) and prevent the oxygen masks from dropping out during testing. Refer to AMM 35-21-00 and current G35003 drawing for further usage information. The G35003 restraining equipment includes a quantity of two hundred 418W1017-20 PCU door test stops and a storage box.

**WEIGHT:** 1 lb (.45 kg)

**DIMENSIONS:** 1.2 x 3.7 x 8.0 inches (30 x 94 x 203 mm)



**Restraining Equipment - Passenger Service Unit (PSU) Oxygen Doors**  
**Figure 1**