Commercial
Airplanes

767
Service Bulletin

ALERT

Number: **767-38A0073**
Original Issue: November 12, 2013
ATA System: 3810 3071

SUBJECT: WATER/WASTE - Potable - Section 41 Potable Water Couplings Inspection and Replacement and Spray Shroud Installation

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Number: **767-38A0073**
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Summary

SUBJECT: WATER/WASTE - Potable - Section 41 Potable Water Couplings Inspection and Replacement and Spray Shroud Installation

THIS BULLETIN IS SENT TO THE OPERATORS OF RECORD OF THE AIRPLANES SHOWN IN PARAGRAPH 1.A., EFFECTIVITY. IF AN AIRPLANE HAS BEEN LEASED OR SOLD, SEND THIS SERVICE BULLETIN TO THE NEW OPERATOR. IF APPLICABLE SPARES HAVE BEEN SOLD, SEND THIS SERVICE BULLETIN TO THE NEW OWNER.

CONCURRENT REQUIREMENTS

None.

BACKGROUND

Accomplishment of this service bulletin will make sure that the potable water system couplings in section 41 do not leak onto electrical equipment. If this service bulletin is not done, an uncontrolled water leak from a defective potable water system coupling could cause the Main Equipment Center (MEC) Line Replaceable Units (LRU's) to become wet. Wet Main Equipment Center (MEC) Line Replaceable Units (LRU's) could result in an electrical short and potential loss of several functions essential for safe flight.

An operator reported problems with the Engine Indication and Crew Alerting System (EICAS) display system during flight. An investigation of the event determined that it was caused by a water leak from a fractured plastic potable water coupling. Boeing analysis of all 767 models, based on delivered configurations, identified nine possible coupling locations as being near enough to electrical LRU's to cause a potential problem if water leaked from them. To reduce this risk, plastic couplings have now been made one way replaceable by metal couplings. Plastic couplings were delivered on airplanes between line numbers 534 and 890. Plastic couplings have also been listed as two-way interchangeable with metal couplings applicable to 767 passenger airplanes up to line number 1062, thus, the changes in this service bulletin are applied to line numbers 534 thru 1062. Any plastic couplings found in the identified locations will be replaced with metal couplings. In addition, to further protect LRU's, spray shrouds, used on all new production airplanes, will be installed on operational airplanes to cover the identified couplings, to direct any leakage away from electrical equipment.

This service bulletin gives instructions to inspect and replace plastic potable water couplings with metal couplings in the identified locations in Section 41. In addition, spray shrouds and shields are installed to cover the identified couplings. Installation of new metal couplings will reduce the chance of uncontrolled water leakage and the spray shrouds will protect essential electrical systems should a leak occur.

Boeing Service Related Problem (SRP) 767-SRP-38-0063 is related to this service bulletin.

Boeing Fleet Team Digest (FTD) 767 FTD 38-12001 is related to this service bulletin.

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This table is provided to operators for planning purposes only. Refer to the applicable sections for more information.

Planning Data	Affected	Reference
Spares Affected	No	Paragraph 1.A.2., Spares Affected
AD Related	Yes	Paragraph 1.E., Compliance and Paragraph 1.F., Approval. Refer to AD worksheet 13-AD-25.
Weight and Balance Change	Yes	Paragraph 1.H., Weight and Balance Changes. Group 11 only.
Electrical Load Changed	No	Paragraph 1.I., Electrical Load Data
Publications Affected	Yes	Paragraph 1.K., Publications Affected
Airplane Flight Operations Affected (Flight Crew Operations Manual and/or FAA Approved Airplane Flight Manual)	No	Paragraph 1.K., Publications Affected
Kits/Parts Required	Yes	Paragraph 2.C.1., Kits/Parts
Operator Supplied Parts/Material	Yes	Paragraph 2.C.2., Parts and Materials Supplied by the Operator. Group 9 thru 11 only.
Special Tooling Required	No	Paragraph 2.F., Special Tooling Necessary to do this Service Bulletin

ACTION (PRR B12901-113S)

PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

1. Get Access to the portable water system tubing in Section 41.

2. Do a general visual inspection in coupling locations 1 thru 6 and 9 for any plastic coupling in the potable water system.

   a. If no plastic coupling is found no more work is necessary for those locations.

   b. If any plastic coupling is found replace the coupling with an equivalent metal coupling.

3. Close access.

Group 9-10:
PART 2 - FORWARD GALLEY - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

1. Get Access to the portable water system tubing in Section 41.

2. Do a general visual inspection in coupling locations 7 or 8, for any plastic coupling, in the potable water system.

   a. If no plastic coupling is found no more work is necessary for those locations.

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b. If any plastic coupling is found, replace the coupling with an equivalent metal coupling.

3. Close access.

PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION

1. Get Access to the portable water system tubing in Section 41.

2. Install spray shrouds around metal couplings in coupling locations 1 thru 6.

3. **Group 9-10:**
Install spray shrouds around metal couplings at coupling locations 7 or 8.

4. **Group 11:**
Remove two hose assemblies and related parts between location 9 and location 6. Install one new hose assembly at location 6.

5. Close access.

EFFECTIVITY

767-200/300/400ER Airplane(s). Refer to Paragraph 1.A.1., Airplanes, for the list of affected airplane(s).

COMPLIANCE

The Federal Aviation Administration (FAA) will possibly release an Airworthiness Directive related to this service bulletin. The Airworthiness Directive will make the compliance tasks and times given in this service bulletin mandatory.

Refer to Paragraph 1.E., Compliance.

INDUSTRY SUPPORT INFORMATION

Boeing warranty remedies are available for airplanes in warranty as of July 7, 2012. Please refer to Paragraph 2.B., Industry Support Information. The warranty remedies will expire eight years from the original issue date of this service bulletin.

MANPOWER

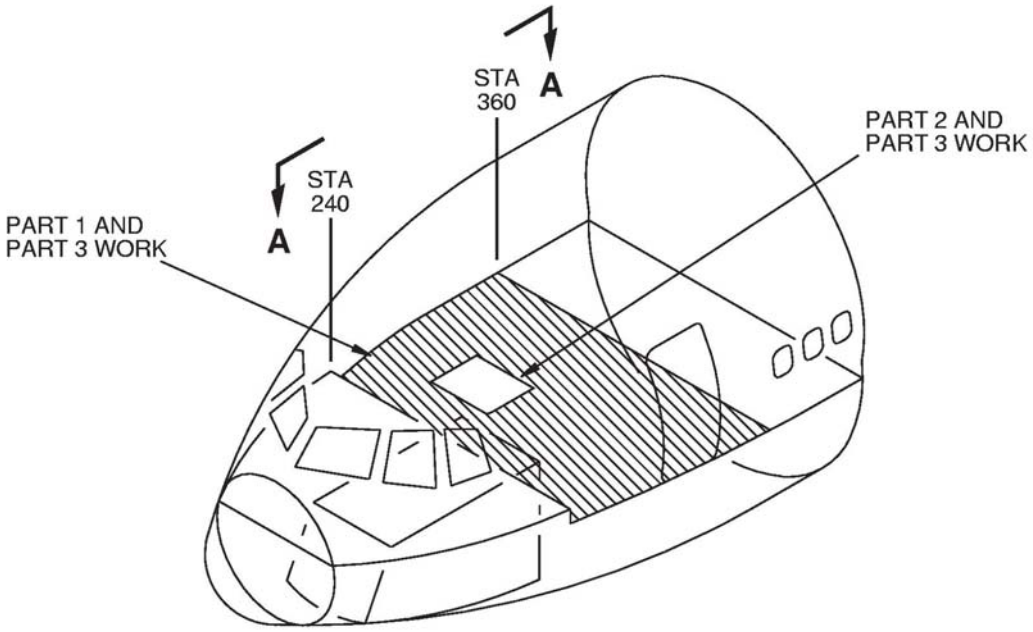
Refer to Paragraph 1.G., Manpower.

MATERIAL INFORMATION

Boeing Supplied Kits/Parts with Operator Supplied Parts/Materials.

Refer to Paragraph 2.A., Material - Price and Availability.

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REFER TO APPENDIX A FOR COUPLING LOCATION APPLICABILITY. PARTS 1 THRU 3 THAT FOLLOW GIVE THE RANGE OF POSSIBLE COUPLING LOCATIONS, REFERRED TO AS "LOCATIONS", FOR THE GIVEN GROUP APPLICABILITY.

PART 1 - FORWARD PASSENGER COMPARTMENT POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT (GROUPS 1-13)

-DO A GENERAL VISUAL INSPECTION AT LOCATIONS 1 THRU 6 AND 9 IDENTIFIED IN VIEW A-A TO SEE IF PLASTIC COUPLINGS ARE INSTALLED.
-IF A PLASTIC COUPLING IS FOUND INSTALLED AT ANY OF THE LOCATIONS, REPLACE WITH EQUIVALENT METAL COUPLING AND DO A POTABLE WATER SYSTEN LEAKAGE TEST.
-IF A PLASTIC COUPLING IS NOT FOUND INSTALLED AT ANY OF THE LOCATIONS, NO MORE WORK IS NECESSARY FOR LOCATIONS 1 THRU 6 AND 9.

PART 2 - FORWARD GALLEY POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT (GROUPS 9 AND 10)

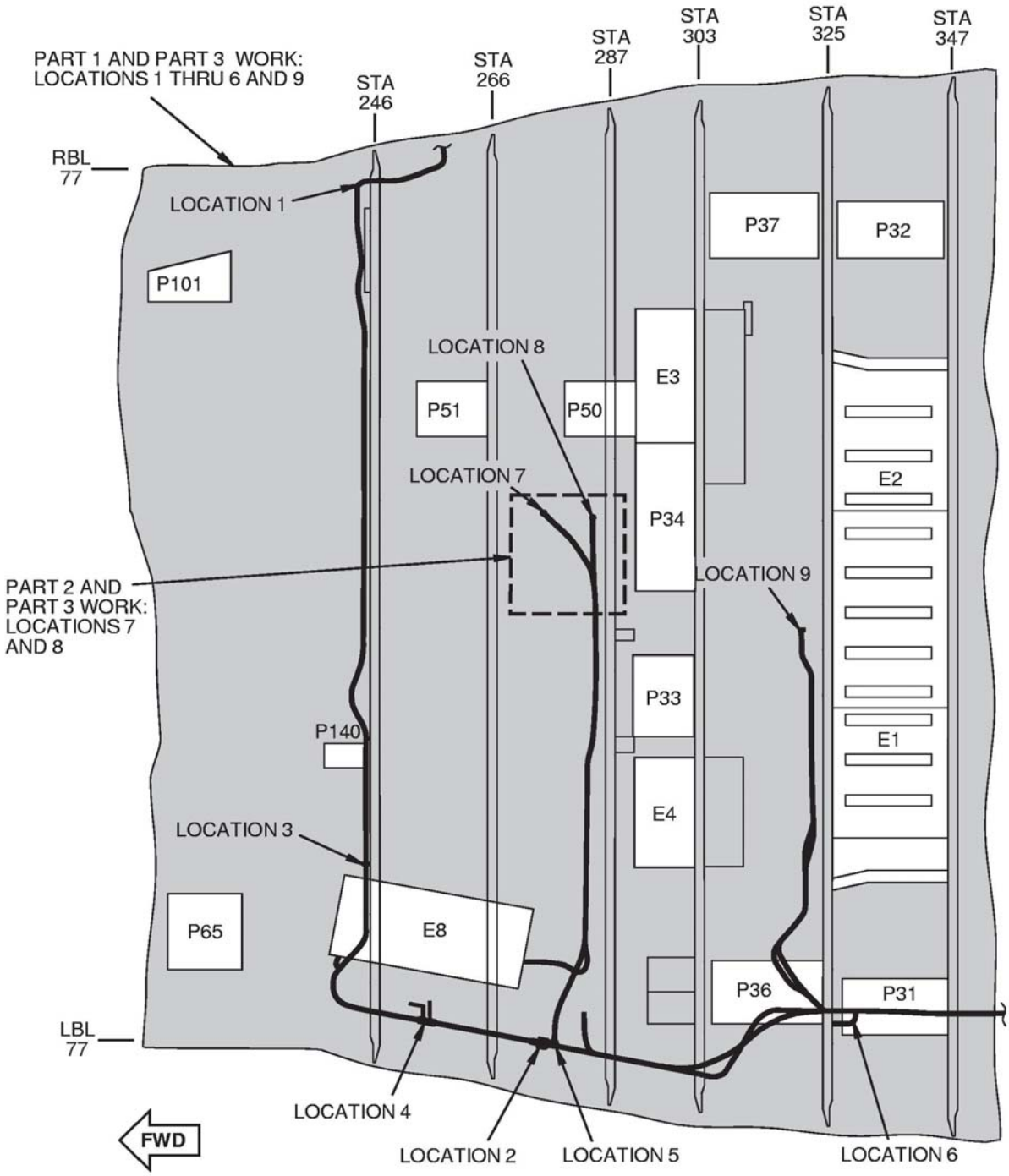
-DO A GENERAL VISUAL INSPECTION AT LOCATIONS 7 OR 8 IDENTIFIED IN VIEW A-A TO SEE IF PLASTIC COUPLINGS ARE INSTALLED.
-IF A PLASTIC COUPLING IS FOUND INSTALLED AT EITHER OF THE LOCATIONS, REPLACE WITH EQUIVALENT METAL COUPLING AND DO A POTABLE WATER SYSTEN LEAKAGE TEST.
-IF A PLASTIC COUPLING IS NOT FOUND INSTALLED AT ANY OF THE LOCATIONS, NO MORE WORK IS NECESSARY FOR LOCATIONS 7 OR 8.

PART 3 - FORWARD PASSENGER COMPARTMENT POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION (GROUPS 1-13)

-INSTALL SPRAY SHROUDS AROUIND METAL COUPLINGS AT LOCATIONS 1 THRU 6.
(GROUPS 1-13)
-INSTALL SPRAY SHROUDS AROUND METAL COUPLINGS AT LOCATIONS 7 OR 8
(GROUP 9 AND 10 ONLY)
-REMOVE TWO HOSE ASSEMBLIES AND RELATED PARTS BETWEEN LOCATION 6 AND LOCATION 9. INSTALL ONE NEW HOSE ASSEMBLY AT LOCATION 6.
(GROUP 11 ONLY).
-DO A POTABLE WATER SYSTEM LEAKAGE TEST.
(GROUP 9-11 ONLY)

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VIEW OF ALL APPLICABLE POTABLE WATER SYSTEM CONFIGURATIONS IN THE FORWARD PASSENGER COMPARTMENT AREA.

A-A

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1. PLANNING INFORMATION

A. Effectivity

1. Airplanes

Refer to Service Bulletin Index D624T001 Part 3 for Airplane Variable Number, Line Number, and Serial Number data.

This service bulletin is for the airplane(s) shown below.

GROUP	CONFIGURATION	DESCRIPTION
1	-	767-300 Airplanes that require potable water system coupling inspections/replacements and spray shroud installation at locations 1, 3, 4 and 5.
2	-	767-300 Airplanes that require potable water system coupling inspections/replacements and spray shroud installation at locations 4 and 5.
3	-	767-200 Airplanes that require potable water system coupling inspections/replacements and spray shroud installation at locations 1, 3, 4 and 5.
4	-	767-200/300 Airplanes that require potable water system coupling inspections/replacements and spray shroud installation at locations 1, 3, 4 and 5.

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GROUP	CONFIGURATION	DESCRIPTION
5	-	767-200 Airplane that requires potable water system coupling inspections/replacements and spray shroud installation at locations 2, 4 and 5.
6	-	767-400ER Airplanes that require potable water system coupling inspections/replacements and spray shroud installation at locations 1, 3, 4 and 5.
7	-	767-300 Airplanes that require potable water system coupling inspections/replacements and spray shroud installation at locations 1, 3, 4 and 5.
8	-	767-200 Airplanes that require potable water system coupling inspections/replacements and spray shroud installation at locations 4 and 5.
9	-	767-300 Airplanes that require potable water system coupling inspections/replacements and spray shroud installation at locations 4, 5 and 7.
10	-	767-400ER Airplanes that require potable water system coupling inspections/replacements and spray shroud installation at locations 1, 2, 3, 4 , 5 and 8.
11	-	767-300 Airplanes that require potable water system coupling inspections/replacements and spray shroud installation at locations 1, 3, 4, 5, 6 and inspection/replacement then removal of potable water connection to location 9.
12	-	767-200/300 Airplanes that require potable water system coupling inspections/replacements and spray shroud installation at locations 1, 2, 3, 4 and 5.
13	-	767-400ER Airplane that requires potable water system coupling inspections/replacements and spray shroud installation at locations 1, 3, 4 and 5.

Airplane Models:

767-200, 767-300, 767-400ER

Variable Number	Group
VF181 - VF184	8
VK012 - VK016	1
VK108 - VK113	1
VK144 - VK148	1

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Variable Number	Group
VK164	9
VK171	1
VK181	1
VK186	1
VL701 - VL703	7
VL751 - VL755	1
VL806 - VL807	1
VL872 - VL873	1
VL891 - VL900	1
VL911 - VL914	1
VL931 - VL932	1
VL941	1
VN036 - VN041	1
VN094 - VN099	9
VN136 - VN137	11
VN174	1
VN198	1
VN225	1
VN265 - VN276	7
VN292 - VN293	1
VN314	1
VN388	1
VN421 - VN427	1
VN436	1
VN637 - VN638	1
VN657 - VN658	1
VN690 - VN691	1
VN732	9
VN932 - VN936	2
VN953	1
VN966 - VN972	1
VQ001 - VQ021	10
VQ071 - VQ086	6

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Variable Number	Group
VQ111	13
VR051 - VR060	3
VR081	12
VR084	5
VR086 - VR089	4
VR106	4
VR401	1
VR421 - VR423	1
VR426	1
VR441	1
VR461	1
VR471 - VR472	7
VS051 - VS056	1
VS061	1
VS066 - VS070	7
VS073 - VS078	7
VS091 - VS104	1
VS111 - VS113	1
VS131 - VS133	1
VS136 - VS137	1
VS176 - VS177	1
VS186 - VS187	9
VS196 - VS203	1
VS206 - VS208	1
VS211	1
VS216 - VS217	1
VS231	1
VS246 - VS248	11
VS261 - VS263	1
VS266 - VS274	7
VS291 - VS293	1
VS301 - VS302	1
VS303	12

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Variable Number	Group
VS306 - VS311	1
VS321 - VS324	1
VS331 - VS333	12
VS336 - VS337	12
VS366 - VS367	1
VS381 - VS382	1
VS391 - VS392	1
VS401	1
VS426 - VS428	12
VS466 - VS472	7
VS486	9
VS496 - VS497	1
VS506 - VS507	1
VS526	1
VS546 - VS549	2
VS701 - VS703	12
VS704 - VS720	4
VS721 - VS728	12
VS729 - VS736	4
VS751 - VS753	12
VS754 - VS759	4
VS821 - VS824	12
VS825	4
VS841 - VS843	12
VS844	4
VS861	12
VS881 - VS883	4
VS891	4
VS896	4
VS901 - VS912	4
VS916	4
VS921 - VS928	4
VS931 - VS933	4

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Variable Number	Group
VS941	4
VS951 - VS954	4
VS961 - VS969	4
VS971 - VS977	4
VS981 - VS984	4
VT001 - VT013	4
VT021	4
VT031	4

2. Spares Affected

None.

B. Concurrent Requirements

None.

C. Reason

Accomplishment of this service bulletin will make sure that the potable water system couplings in section 41 do not leak onto electrical equipment. If this service bulletin is not done, an uncontrolled water leak from a defective potable water system coupling could cause the Main Equipment Center (MEC) Line Replaceable Units (LRU's) to become wet. Wet Main Equipment Center (MEC) Line Replaceable Units (LRU's) could result in an electrical short and potential loss of several functions essential for safe flight.

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Boeing Service Related Problem (SRP) 767-SRP-38-0063 is related to this service bulletin.

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D. Description

PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

1. Get Access to the portable water system tubing in Section 41.

2. Do a general visual inspection in coupling locations 1 thru 6 and 9 for any plastic coupling in the potable water system.

   a. If no plastic coupling is found no more work is necessary for those locations.

   b. If any plastic coupling is found replace the coupling with an equivalent metal coupling.

3. Close access.

Group 9-10:
PART 2 - FORWARD GALLEY - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

1. Get Access to the portable water system tubing in Section 41.

2. Do a general visual inspection in coupling locations 7 or 8, for any plastic coupling, in the potable water system.

   a. If no plastic coupling is found no more work is necessary for those locations.

   b. If any plastic coupling is found, replace the coupling with an equivalent metal coupling.

3. Close access.

PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION

1. Get Access to the portable water system tubing in Section 41.

2. Install spray shrouds around metal couplings in coupling locations 1 thru 6.

3. **Group 9-10:**
   Install spray shrouds around metal couplings at coupling locations 7 or 8.

4. **Group 11:**
   Remove two hose assemblies and related parts between location 9 and location 6. Install one new hose assembly at location 6.

5. Close access.

The work in this service bulletin is done in the maintenance zone(s) given below.

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Group 1-2, 7, 9, 11:

Affected Maintenance Zones	
Model	**Zone**
767-300	117, 118, 119

Group 3, 5, 8:

Affected Maintenance Zones	
Model	**Zone**
767-200	117, 118, 119

Group 4, 12:

Affected Maintenance Zones	
Model	**Zone**
767-200, 767-300	117, 118, 119

Group 6, 10, 13:

Affected Maintenance Zones	
Model	**Zone**
767-400ER	117, 118, 119

E. Compliance

The Federal Aviation Administration (FAA) will possibly release an Airworthiness Directive related to this service bulletin. The Airworthiness Directive will make the compliance tasks and times given in this service bulletin mandatory.

Do the required actions in accordance with Paragraph 3. Accomplishment Instructions.

TABLE 1: All Groups - Section 41 - Potable Water System Coupling Inspection and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
All Airplanes.	Do PART 1: Forward Passenger Compartment Potable Water System Coupling General Visual Inspection, for plastic couplings, found at any coupling location 1 thru 6 and 9. (a)	Within 24 months after the original issue date of this service bulletin.	-

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TABLE 1: All Groups - Section 41 - Potable Water System Coupling Inspection and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
CONDITION 1: No plastic coupling found.	No more work is necessary for PART 1.	-	-
CONDITION 2: Any plastic coupling found.	Replace plastic coupling with an equivalent metal coupling.	Within 24 months after the original issue date of this service bulletin.	-
(a) Refer to APPENDIX A for applicable coupling locations for airplane groups.			

Do the required actions in accordance with Paragraph 3. Accomplishment Instructions.

Group 9:
TABLE 2A: - Forward Galley - Potable Water System Coupling Inspection and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
Airplanes, with potable water system coupling connection to the forward galley at coupling location 7.	Do PART 2: Forward Galley Potable Water System Coupling General Visual Inspection, for plastic couplings, at coupling location 7.	Within 72 months after the original issue date of this service bulletin.	-
CONDITION 3: No plastic coupling found.	No more work is necessary for PART 2.	-	-
CONDITION 4: Any plastic coupling found.	Replace plastic coupling with an equivalent metal coupling.	Within 72 months after the original issue date of this service bulletin.	-

Do the required actions in accordance with Paragraph 3. Accomplishment Instructions.

Group 10:
TABLE 2B: - Forward Galley Potable Water System Coupling Inspection and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
Airplanes, with potable water system coupling connection to the forward galley at coupling location 8.	Do PART 2: Forward Galley Potable Water System Coupling General Visual Inspection, for plastic couplings, at coupling location 8.	Within 72 months after the original issue date of this service bulletin.	-
CONDITION 3: No plastic coupling found.	No more work is necessary for PART 2.	-	-

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Group 10:
TABLE 2B: - Forward Galley Potable Water System Coupling Inspection and Replacement

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
CONDITION 4: Any plastic coupling found.	Replace plastic coupling with an equivalent metal coupling.	Within 72 months after the original issue date of this service bulletin.	-

Do the required actions in accordance with Paragraph 3. Accomplishment Instructions.

Group 1-8, 11-13:
NOTE: Operators must do PART 1, before or at the same time as PART 3.

Group 9-10:
NOTE: Operators must do PART 1 and PART 2, before or at the same time as PART 3.

TABLE 3: All Groups - Section 41 Potable Water System Coupling - Spray Shroud Installation

Condition	Action	Compliance Time	Repeat Interval (Not to Exceed)
All Airplanes.	Do PART 3: Forward Passenger Compartment Potable Water System Coupling Spray Shroud Installation at coupling location 1 thru 8. (a)	Within 72 months after the original issue date of this service bulletin.	-
(a) Refer to APPENDIX A for applicable coupling locations for airplane groups.			

F. Approval

This service bulletin was examined by the Federal Aviation Administration (FAA). The changes specified in this service bulletin comply with the applicable regulations and are FAA approved, as well as European Aviation Safety Agency (EASA)/Joint Aviation Authorities (JAA) approved for all EASA/JAA approved airplanes listed in the service bulletin effectivity. This service bulletin and its approval were based on the airplane in its original Boeing delivery configuration or as modified by other approved Boeing changes.

If an airplane has a non-Boeing modification or repair that affects a component or system also affected by this service bulletin, the operator is responsible for obtaining appropriate regulatory agency approval before incorporating this service bulletin.

G. Manpower

The table below shows an estimate of the task hours necessary to do this inspection and change for each airplane. This estimate is for direct labor only, done by an experienced crew. Adjust the estimate with operator task hour data if necessary. The estimate does not include lost time. These are some examples of lost time:

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- Time to adjust to the workplace
- Time to schedule the work
- Time to inspect the work
- Time to find the tools.

Group 1:
PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	2	1.00	0.50
FIGURE 1	1	0.20	0.20
FIGURE 2	1	0.30	0.30
FIGURE 6	1	0.30	0.30
FIGURE 31 (a)	-	-	-
FIGURE 32 (a)	-	-	-
FIGURE 36 (a)	-	-	-
Close Access	2	1.00	0.50
Test (b)	2	3.00	1.50
TOTAL FOR PART 1 (Inspection only) (c)		2.80	1.80
(a) Estimates are not given as the quantity of couplings to be replaced is variable. Operators can use 0.15 manhours, for one person, as an estimate for the time to replace one coupling.			
(b) The leak test of the potable water system is only necessary if plastic couplings are replaced. The time to do the leak test is not included in the total estimate given.			
(c) The time to do the coupling replacement figures is not included in the total estimate given.			

Group 2:
PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	1	0.50	0.50
FIGURE 2	1	0.30	0.30
FIGURE 6	1	0.30	0.30
FIGURE 32 (a)	-	-	-
FIGURE 36 (a)	-	-	-
Close Access	1	0.50	0.50
Test (b)	2	3.00	1.50

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Group 2:
PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
TOTAL FOR PART 1 (Inspection only) (c)		1.60	1.60
(a) Estimates are not given as the quantity of couplings to be replaced is variable. Operators can use 0.15 manhours, for one person, as an estimate for the time to replace one coupling.			
(b) The leak test of the potable water system is only necessary if plastic couplings are replaced. The time to do the leak test is not included in the total estimate given. Operators can use 3 manhours for 2 persons and an elapsed time of 1.50 hours, as an estimate for this test.			
(c) The time to do the coupling replacement figures is not included in the total estimate given.			

Group 3:
PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	2	1.00	0.50
FIGURE 1	1	0.20	0.20
FIGURE 5	1	0.30	0.30
FIGURE 10	1	0.30	0.30
FIGURE 31 (a)	-	-	-
FIGURE 35 (a)	-	-	-
FIGURE 40 (a)	-	-	-
Close Access	2	1.00	0.50
Test (b)	2	3.00	1.50
TOTAL FOR PART 1 (Inspection only) (c)		2.80	1.80
(a) Estimates are not given as the quantity of couplings to be replaced is variable. Operators can use 0.15 manhours, for one person, as an estimate for the time to replace one coupling.			
(b) The leak test of the potable water system is only necessary if plastic couplings are replaced. The time to do the leak test is not included in the total estimate given.			
(c) The time to do the coupling replacement figures is not included in the total estimate given.			

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Group 4:
PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	2	1.00	0.50
FIGURE 1	1	0.20	0.20
FIGURE 3	1	0.20	0.20
FIGURE 7	1	0.30	0.30
FIGURE 31 (a)	-	-	-
FIGURE 33 (a)	-	-	-
FIGURE 37 (a)	-	-	-
Close Access	2	1.00	0.50
Test (b)	2	3.00	1.50
TOTAL FOR PART 1 (Inspection only) (c)		2.70	1.70
(a) Estimates are not given as the quantity of couplings to be replaced is variable. Operators can use 0.15 manhours, for one person, as an estimate for the time to replace one coupling.			
(b) The leak test of the potable water system is only necessary if plastic couplings are replaced. The time to do the leak test is not included in the total estimate given.			
(c) The time to do the coupling replacement figures is not included in the total estimate given.			

Group 5:
PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	2	1.00	0.50
FIGURE 3	1	0.20	0.20
FIGURE 7	1	0.30	0.30
FIGURE 11	1	0.20	0.20
FIGURE 33 (a)	-	-	-
FIGURE 37 (a)	-	-	-
FIGURE 41 (a)	-	-	-
Close Access	2	1.00	0.50
Test (b)	2	3.00	1.50
TOTAL FOR PART 1 (Inspection only) (c)		2.70	1.70

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Group 5:
PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
(a) Estimates are not given as the quantity of couplings to be replaced is variable. Operators can use 0.15 manhours, for one person, as an estimate for the time to replace one coupling.			
(b) The leak test of the potable water system is only necessary if plastic couplings are replaced. The time to do the leak test is not included in the total estimate given.			
(c) The time to do the coupling replacement figures is not included in the total estimate given.			

Group 6, 13:
PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	2	1.00	0.50
FIGURE 1	1	0.20	0.20
FIGURE 3	1	0.20	0.20
FIGURE 9	1	0.50	0.50
FIGURE 31 (a)	-	-	-
FIGURE 33 (a)	-	-	-
FIGURE 39 (a)	-	-	-
Close Access	2	1.00	0.50
Test (b)	2	3.00	1.50
TOTAL FOR PART 1 (Inspection only) (c)		2.90	1.90
(a) Estimates are not given as the quantity of couplings to be replaced is variable. Operators can use 0.15 manhours, for one person, as an estimate for the time to replace one coupling.			
(b) The leak test of the potable water system is only necessary if plastic couplings are replaced. The time to do the leak test is not included in the total estimate given.			
(c) The time to do the coupling replacement figures is not included in the total estimate given.			

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Group 7:
PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	2	1.00	0.50
FIGURE 1	1	0.20	0.20
FIGURE 4	1	0.30	0.30
FIGURE 6	1	0.30	0.30
FIGURE 31 (a)	-	-	-
FIGURE 34 (a)	-	-	-
FIGURE 36 (a)	-	-	-
Close Access	2	1.00	0.50
Test (b)	2	3.00	1.50
TOTAL FOR PART 1 (Inspection only) (c)		2.80	1.80
(a) Estimates are not given as the quantity of couplings to be replaced is variable. Operators can use 0.15 manhours, for one person, as an estimate for the time to replace one coupling.			
(b) The leak test of the potable water system is only necessary if plastic couplings are replaced. The time to do the leak test is not included in the total estimate given.			
(c) The time to do the coupling replacement figures is not included in the total estimate given.			

Group 8:
PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	1	0.50	0.50
FIGURE 4	1	0.30	0.30
FIGURE 6	1	0.30	0.30
FIGURE 34 (a)	-	-	-
FIGURE 36 (a)	-	-	-
Close Access	1	0.50	0.50
Test (b)	2	3.00	1.50
TOTAL FOR PART 1 (Inspection only) (c)		1.60	1.60
(a) Estimates are not given as the quantity of couplings to be replaced is variable. Operators can use 0.15 manhours, for one person, as an estimate for the time to replace one coupling.			

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Group 8:
PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
(b) The leak test of the potable water system is only necessary if plastic couplings are replaced. The time to do the leak test is not included in the total estimate given. Operators can use 3 manhours for 2 persons and an elapsed time of 1.50 hours, as an estimate for this test.			
(c) The time to do the coupling replacement figures is not included in the total estimate given.			

Group 9:
PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	1	0.75	0.75
FIGURE 2	1	0.30	0.30
FIGURE 8	1	0.30	0.30
FIGURE 32 (a)	-	-	-
FIGURE 38 (a)	-	-	-
Close Access	1	0.75	0.75
Test (b)	2	3.00	1.50
TOTAL FOR PART 1 (Inspection only) (c)		2.30	2.30
(a) Estimates are not given as the quantity of couplings to be replaced is variable. Operators can use 0.15 manhours, for one person, as an estimate for the time to replace one coupling.			
(b) The leak test of the potable water system is only necessary if plastic couplings are replaced. The time to do the leak test is not included in the total estimate given. Operators can use 3 manhours for 2 persons and an elapsed time of 1.50 hours, as an estimate for this test.			
(c) The time to do the coupling replacement figures is not included in the total estimate given.			

Group 10:
PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	2	1.30	0.65
FIGURE 1	1	0.20	0.20

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Group 10:
PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
FIGURE 3	1	0.20	0.20
FIGURE 9	1	0.50	0.50
FIGURE 11	1	0.20	0.20
FIGURE 31 (a)	-	-	-
FIGURE 33 (a)	-	-	-
FIGURE 39 (a)	-	-	-
FIGURE 41 (a)	-	-	-
Close Access	2	1.30	0.65
Test (b)	2	3.00	1.50
TOTAL FOR PART 1 (Inspection only) (c)		3.70	2.40
(a) Estimates are not given as the quantity of couplings to be replaced is variable. Operators can use 0.15 manhours, for one person, as an estimate for the time to replace one coupling.			
(b) The leak test of the potable water system is only necessary if plastic couplings are replaced. The time to do the leak test is not included in the total estimate given.			
(c) The time to do the coupling replacement figures is not included in the total estimate given.			

Group 11:
PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	2	1.50	0.75
FIGURE 1	1	0.20	0.20
FIGURE 2	1	0.30	0.30
FIGURE 6	1	0.30	0.30
FIGURE 12	1	0.40	0.40
FIGURE 31 (a)	-	-	-
FIGURE 32 (a)	-	-	-
FIGURE 36 (a)	-	-	-
FIGURE 42 (a)	-	-	-
Close Access	2	1.50	0.75

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Group 11:
PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
Test (b)	2	3.00	1.50
TOTAL FOR PART 1 (Inspection only) (c)		4.20	2.70
(a) Estimates are not given as the quantity of couplings to be replaced is variable. Operators can use 0.15 manhours, for one person, as an estimate for the time to replace one coupling.			
(b) The leak test of the potable water system is only necessary if plastic couplings are replaced. The time to do the leak test is not included in the total estimate given.			
(c) The time to do the coupling replacement figures is not included in the total estimate given.			

Group 12:
PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	2	1.00	0.50
FIGURE 1	1	0.20	0.20
FIGURE 3	1	0.20	0.20
FIGURE 7	1	0.30	0.30
FIGURE 11	1	0.20	0.20
FIGURE 31 (a)	-	-	-
FIGURE 33 (a)	-	-	-
FIGURE 37 (a)	-	-	-
FIGURE 41 (a)	-	-	-
Close Access	2	1.00	0.50
Test (b)	2	3.00	1.50
TOTAL FOR PART 1 (Inspection only) (c)		2.90	1.90
(a) Estimates are not given as the quantity of couplings to be replaced is variable. Operators can use 0.15 manhours, for one person, as an estimate for the time to replace one coupling.			
(b) The leak test of the potable water system is only necessary if plastic couplings are replaced. The time to do the leak test is not included in the total estimate given.			
(c) The time to do the coupling replacement figures is not included in the total estimate given.			

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Group 9:
PART 2 - FORWARD GALLEY - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access for inspection	2	1.00	0.50
FIGURE 13	1	0.10	0.10
Remove forward galley (c)	8	50.00	6.25
FIGURE 43 (a)	-	-	-
Install forward galley (c)	8	50.00	6.25
Close Access	2	1.00	0.50
Test (b)	2	3.00	1.50
TOTAL FOR PART 2 (Inspection only) (d)		2.10	1.10
(a) Estimates are not given as the quantity of couplings to be replaced is variable. Operators can use 0.15 manhours, for one person, as an estimate for the time to replace one coupling.			
(b) The leak test of the potable water system is only necessary if plastic couplings are replaced. The time to do the leak test is not included in the total estimate given.			
(c) Removal and replacement of the forward galley is only necessary if plastic couplings are replaced. The time to do those tasks is not included in the total estimate given. Boeing recommends that this work be done at the same time as PART 3 work, in the same Location.			
(d) The time to do the coupling replacement figure is not included in the total estimate given.			

Group 10:
PART 2 - FORWARD GALLEY - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access for inspection	2	1.00	0.50
FIGURE 14	1	0.10	0.10
Remove forward galley (c)	8	50.00	6.25
FIGURE 44 (a)	-	-	-
Install forward galley (c)	8	50.00	6.25

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Group 10:
PART 2 - FORWARD GALLEY - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

Task	Number of Persons	Task Hours	Elapsed Hours
Close Access	2	1.00	0.50
Test (b)	2	3.00	1.50
TOTAL FOR PART 2 (Inspection only) (d)		2.10	1.10
(a) Estimates are not given as the quantity of couplings to be replaced is variable. Operators can use 0.15 manhours, for one person, as an estimate for the time to replace one coupling.			
(b) The leak test of the potable water system is only necessary if plastic couplings are replaced. The time to do the leak test is not included in the total estimate given.			
(c) Removal and replacement of the forward galley is only necessary if plastic couplings are replaced. The time to do those tasks is not included in the total estimate given. Boeing recommends that this work be done at the same time as PART 3 work, in the same Location.			
(d) The time to do the coupling replacement figure is not included in the total estimate given.			

Group 1:
PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	2	1.00	0.50
FIGURE 15	1	1.20	1.20
FIGURE 16	1	0.15	0.15
FIGURE 20	1	0.60	0.60
Close Access	2	1.00	0.5
TOTAL FOR PART 3		3.95	2.95

Group 2:
PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	1	0.50	0.50
FIGURE 16	1	0.15	0.15
FIGURE 20	1	0.60	0.60
Close Access	1	0.50	0.50

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Group 2:
PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION

Task	Number of Persons	Task Hours	Elapsed Hours
TOTAL FOR PART 3		1.75	1.75

Group 3:
PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	2	1.00	0.50
FIGURE 15	1	1.20	1.20
FIGURE 19	1	0.15	0.15
FIGURE 26	1	0.60	0.60
Close Access	2	1.00	0.50
TOTAL FOR PART 3		3.95	2.95

Group 4:
PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	2	1.00	0.50
FIGURE 15	1	1.20	1.20
FIGURE 17	1	0.15	0.15
FIGURE 21	1	0.15	0.15
Close Access	2	1.00	0.50
TOTAL FOR PART 3		3.50	2.50

Group 5:
PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	1	0.5	0.5
FIGURE 17	1	0.15	0.15
FIGURE 21	1	0.15	0.15
FIGURE 27	1	0.15	0.15
Close Access	1	0.5	0.5

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Group 5:
PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION

Task	Number of Persons	Task Hours	Elapsed Hours
TOTAL FOR PART 3		1.45	1.45

Group 6:
PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	2	1.00	0.50
FIGURE 15	1	1.20	1.20
FIGURE 17	1	0.15	0.15
FIGURE 25	1	1.20	1.20
Close Access	2	1.00	0.50
TOTAL FOR PART 3		4.55	3.55

Group 7:
PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	2	1.00	0.50
FIGURE 15	1	1.20	1.20
FIGURE 18	1	0.15	0.15
FIGURE 20	1	0.60	0.60
Close Access	2	1.00	0.50
TOTAL FOR PART 3		3.95	2.95

Group 8:
PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	1	0.10	0.10
FIGURE 18	1	0.15	0.15
FIGURE 20	1	0.60	0.60
Close Access	1	0.10	0.10
TOTAL FOR PART 3		0.95	0.95

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Group 9:
PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access (a)	8	50.00	6.25
FIGURE 16	1	0.15	0.15
FIGURE 22	1	0.60	0.60
FIGURE 29	1	1.80	1.80
Close Access (a)	8	50.00	6.25
TOTAL FOR PART 3		102.55	15.05
(a) Includes time to remove or install the forward galley, if required to get access for the installation given in FIGURE 29.			

Group 10:
PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access (a)	8	50.00	6.25
FIGURE 15	1	1.20	1.20
FIGURE 17	1	0.15	0.15
FIGURE 23	1	1.20	1.20
FIGURE 27	1	0.15	0.15
FIGURE 30	1	1.80	1.80
Close Access (a)	8	50.00	6.25
TOTAL FOR PART 3		104.50	17.00
(a) Includes time to remove or install the forward galley, if required to get access for the installation given in FIGURE 30.			

Group 11:
PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION AND LOCATION 9 REMOVAL

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	2	1.50	0.75
FIGURE 15	1	1.20	1.20
FIGURE 16	1	0.15	0.15
FIGURE 20	1	0.60	0.60
FIGURE 28 (a)	1	2.50	2.50

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Group 11:
PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION AND LOCATION 9 REMOVAL

Task	Number of Persons	Task Hours	Elapsed Hours
Close Access	2	1.50	0.75
TOTAL FOR PART 3		7.45	5.95
(a) Includes time to remove the potable water tubing between Location 6 and 9.			

Group 12:
PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	2	1.00	0.50
FIGURE 15	1	1.20	1.20
FIGURE 17	1	0.15	0.15
FIGURE 21	1	0.15	0.15
FIGURE 27	1	0.15	0.15
Close Access	2	1.00	0.50
TOTAL FOR PART 3		3.65	2.65

Group 13:
PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION

Task	Number of Persons	Task Hours	Elapsed Hours
Open Access	2	1.00	0.50
FIGURE 15	1	1.20	1.20
FIGURE 17	1	0.15	0.15
FIGURE 24	1	1.20	1.20
Close Access	2	1.00	0.50
TOTAL FOR PART 3		4.55	3.55

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H. Weight and Balance Changes

Group 11:

Airplane	Change in Weight (Pounds)	Change in Moment (Pound-Inches)
Group 11 airplanes. (a)	-1.0	-318.9
(a) That have a potable water system connection to Location 9 - to be removed in PART 3 work instructions.		

Group 1-10, 12-13:
None.

I. Electrical Load Data

Not changed.

J. References

1. Existing Data:

   a. Engineering Change Memo PRR B12901-113S.

   b. Boeing Service Related Problem (SRP) 767-SRP-38-0063.

   c. Service Bulletin Index D624T001.

   d. Standard Overhaul Practices Manual (SOPM) 20-50-01, 20-50-06.

   e. 767 Aircraft Maintenance Manual (AMM) 12-14-01, 24-22-00, 25-31-01, 38-10-00, 53-01-01.

   f. 767 Fleet Team Digest (FTD) 38-12001.

   g. 767 Maintenance Planning Data (MPD) Appendix A.

2. Data Supplied with this Service Bulletin:

   None.

3. Installation Drawings Used in the Preparation of this Service Bulletin:

Drawing Number	Title
417T2241	PLUMBING AND PROVISIONS INSTL - SECT 41, POTABLE WATER SYSTEM
417T2441	PLUMBING AND PROVISIONS INSTL - SECT 41, POTABLE WATER SYSTEM

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These drawings were used to prepare this service bulletin. These drawings are not necessary to make the specified changes, and are not supplied with this service bulletin. These drawings may not be applicable to all airplane configurations or operators.

K. Publications Affected

1. Publications:

Publication	Chapter-Section
767 Illustrated Parts Catalog	30-71, 38-11

2. Damage Tolerance Based Structural Inspections:

Boeing has evaluated the repairs and/or changes in this service bulletin for effects on Fatigue Critical Structure (FCS) and for changes to Damage Tolerance Inspections (DTI) required in the Maintenance Program. This service bulletin does not affect FCS, therefore DTIs are not necessary.

L. Interchangeability and Intermixability of Parts

Refer to Paragraph 2.C., Parts Necessary for Each Airplane, for interchangeability and intermixability information.

M. Software Accomplishment Summary

Not affected.

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2. MATERIAL INFORMATION

A. Material - Price and Availability

Boeing can supply the kits shown in Paragraph 2.C., Parts Necessary for Each Airplane. Operators are encouraged to share schedule requirements with Boeing for incorporation of the service bulletin. The kits are subject to the terms and conditions of the Boeing standard purchase order acknowledgment. Prices are in United States Dollars. Terms: Net 30 days.

Reference this service bulletin and submit your purchase order by one of these methods:

1. Order on-line via ATA Spec 2000 or The Boeing PART Page

2. Fax to (206) 662-7145

REFER TO THE BOEING PART PAGE ON MYBOEINGFLEET.COM OR CONTACT FIRST RESPONDER AT FR@BOEING.COM FOR THE LATEST REORDER LEAD TIME (ROLT) AND PRICE INFORMATION

Kit Number	Name	Date	QTY	ROLT as of the original issue date of this Service Bulletin (Calendar Days)	Unit Price as of the original issue date of this Service Bulletin (US Dollars)
015T1891-1 (Group 1) (a)	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	(d)			(d)
015T1891-2 (Group 2) (a)	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	(d)			(d)
015T1891-3 (Group 3) (a)	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	(d)			(d)
015T1891-4 (Group 4) (a)	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	(d)			(d)
015T1891-5 (Group 5) (a)	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	(d)			(d)
015T1891-6 (Group 6) (a)	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	(d)			(d)

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ALERT **ALERT**

REFER TO THE BOEING PART PAGE ON MYBOEINGFLEET.COM OR CONTACT FIRST RESPONDER AT FR@BOEING.COM FOR THE LATEST REORDER LEAD TIME (ROLT) AND PRICE INFORMATION

Kit Number	Name	Date	QTY	ROLT as of the original issue date of this Service Bulletin (Calendar Days)	Unit Price as of the original issue date of this Service Bulletin (US Dollars)
015T1891-7 (Group 7) (a)	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	(d)			(d)
015T1891-8 (Group 8) (a)	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	(d)			(d)
015T1891-9 (Group 9) (a)	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	(d)			(d)
015T1891-10 (Group 10) (a)	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	(d)			(d)
015T1891-11 (Group 11) (a)	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	(d)			(d)
015T1891-12 (Group 12) (a)	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	(d)			(d)
015T1891-13 (Group 13) (a)	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	(d)			(d)
015T1891-14 (Groups 1, 3, 7 and 12) (b)	TOP KIT - POTABLE WATER SYSTEM PLASTIC COUPLING - REPLACEMENT	10/30/13	16	139	(d)
015T1891-15 (Groups 2, 5 and 8) (b)	TOP KIT - POTABLE WATER SYSTEM PLASTIC COUPLING - REPLACEMENT	10/30/13	2	139	(d)

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REFER TO THE BOEING PART PAGE ON MYBOEINGFLEET.COM OR CONTACT FIRST RESPONDER AT FR@BOEING.COM FOR THE LATEST REORDER LEAD TIME (ROLT) AND PRICE INFORMATION

Kit Number	Name	Date	QTY	ROLT as of the original issue date of this Service Bulletin (Calendar Days)	Unit Price as of the original issue date of this Service Bulletin (US Dollars)
015T1891-16 (Group 9) (c)	TOP KIT - POTABLE WATER SYSTEM PLASTIC COUPLING - REPLACEMENT	10/30/13	2	139	(d)
015T1891-17 (Group 10) (c)	TOP KIT - POTABLE WATER SYSTEM PLASTIC COUPLING - REPLACEMENT	-	-	139	(d)
015T1891-18 (Group 11) (b)	POTABLE WATER SYSTEM PLASTIC COUPLING - REPLACEMENT	-	-	139	(d)
015T1891-19 (Groups 6 and 13) (b)	TOP KIT - POTABLE WATER SYSTEM PLASTIC COUPLING - REPLACEMENT	10/30/13	2	139	(d)
015T1891-20 (Group 4) (b)	TOP KIT - POTABLE WATER SYSTEM PLASTIC COUPLING - REPLACEMENT	-	-	139	(d)
(a) Applicable to PART 3.					
(b) Applicable to PART 1.					
(c) Applicable to PART 1 and PART 2.					
(d) Contact Boeing Spares.					

B. Industry Support Information

Boeing warranty remedies are available for 767 airplanes in warranty as of July 7, 2012. For task hour reimbursement for airplanes in warranty as of that date, send a warranty claim to Boeing Warranty & Product Assurance Contracts. The kits for airplanes in warranty as of that date will be supplied at no charge. Send a purchase order for the kits to Boeing Material Management. Please refer to this service bulletin number and reference the airplane numbers in your purchase order. The warranty remedies will expire eight years from the original issue date of this service bulletin.

C. Parts Necessary for Each Airplane

1. Kits/Parts:

To get the kits/parts shown below, refer to Paragraph 2.A., Material - Price and Availability.

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NOTE: One top kit, P/N 015T1891-1 thru -13 as applicable, is necessary for the work in PART 3 of this service bulletin, for each airplane and the item shown in Paragraph 2.C.2., Parts and Materials Supplied by the Operator, if applicable.

NOTE: One Top Kit, 015T1891-14 thru -20 as applicable, is necessary for replacement work in PART 1 and PART 2 of this service bulletin. These top kits include parts necessary to replace all inspected couplings at each location, in each airplane. As an option, operators can choose to purchase couplings on an individual basis to agree with their inspection results. Refer to Paragraph 2.C.2., Parts and Materials Supplied by the Operator.

PART 1 AND 2 OPTIONAL PLASTIC COUPLING REPLACEMENT KITS

Kit 015T1891									
New Part Number	QTY							Name	Notes
	-14	-15	-16	-17	-18	-19	-20		
015T1891-14	-	.	.	.	.	.	.	TOP KIT - POTABLE WATER SYSTEM PLASTIC COUPLING - REPLACEMENT	
015T1891-15	.	-	.	.	.	.	.	TOP KIT - POTABLE WATER SYSTEM PLASTIC COUPLING - REPLACEMENT	
015T1891-16	.	.	-	.	.	.	.	TOP KIT - POTABLE WATER SYSTEM PLASTIC COUPLING - REPLACEMENT	
015T1891-17	.	.	.	-	.	.	.	TOP KIT - POTABLE WATER SYSTEM PLASTIC COUPLING - REPLACEMENT	
015T1891-18	.	.	.	.	-	.	.	TOP KIT - POTABLE WATER SYSTEM PLASTIC COUPLING - REPLACEMENT	
015T1891-19	.	.	.	.	.	-	.	TOP KIT - POTABLE WATER SYSTEM PLASTIC COUPLING - REPLACEMENT	
015T1891-20	.	.	.	.	.	.	-	TOP KIT - POTABLE WATER SYSTEM PLASTIC COUPLING - REPLACEMENT	
14C33-08	2	2	4	4	4	2	1	METAL COUPLING	(a) (b) (c) (d) (e)
14C33-10	3	1	1	3	3	3	3	METAL COUPLING	(a) (b) (c) (d) (f)
14C33-12	3	3	4	4	5	4	3	METAL COUPLING	(a) (b) (c) (d) (g)

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PART 1 AND 2 OPTIONAL PLASTIC COUPLING REPLACEMENT KITS

Kit 015T1891									
New Part Number	QTY							Name	Notes
	-14	-15	-16	-17	-18	-19	-20		
(a) Discard the existing part.									
(b) This part used in production.									
(c) You cannot use the existing part to replace the new part.									
(d) The quantity of parts given is sufficient to replace all couplings.									
(e) Replaces plastic coupling P/N CA62505-56BL or CA62005-56BL.									
(f) Replaces plastic coupling P/N CA62506-56BL or CA62006-56BL.									
(g) Replaces plastic coupling P/N CA62507-56BL or CA62007-56BL.									

Group 1-6:
PART 3: SPRAY SHROUD RETROFIT KITS

Kit 015T1891								
New Part Number	QTY						Name	Notes
	-1	-2	-3	-4	-5	-6		
015T1891-1	-	.	.	.	.	.	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	
015T1891-2	.	-	.	.	.	.	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	
015T1891-3	.	.	-	.	.	.	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	
015T1891-4	.	.	.	-	.	.	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	
015T1891-5	.	.	.	.	-	.	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	
015T1891-6	.	.	.	.	.	-	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	
417T2080-7	.	.	.	1	1	1	SPRAY SHIELD	
417T2080-9	1	1	1	.	.	1	SPRAY SHIELD	
417T2080-10	.	.	.	1	1	1	SPRAY SHIELD	

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Group 1-6:
PART 3: SPRAY SHROUD RETROFIT KITS

Kit 015T1891								
New Part Number	**QTY**						**Name**	**Notes**
	-1	**-2**	**-3**	**-4**	**-5**	**-6**		
417T2080-11	1	1	1	.	.	.	SPRAY SHIELD	
77000-910-034	1	.	1	1	.	1	SHROUD, WATERLINE	
BACN10YR3CD	6	2	6	4	.	6	NUT	
BACS12GU3K13	1	.	1	1	.	1	SCREW	
BACS12GU3K16	4	2	4	2	.	4	SCREW	
BACS12GU3K21	1	.	1	1	.	1	SCREW	
BACS38K1	40	10	40	30	10	40	STRAP	(b)
BACS38K7	4	4	4	4	4	6	STRAP	
BOE2225-0002	1	.	1	1	.	1	SHROUD	
BOE2271-0002	.	.	.	.	1	.	SHROUD	
BOE2271-0003	1	.	2	1	.	3	SHROUD	
NAS42DD6-20FC	2	.	2	2	.	2	SPACER	
NAS42DD6-41FC	1	.	1	1	.	1	SPACER	
NAS42DD6-6FC	2	2	2	.	.	2	SPACER	
NMC1005-4	1	.	1	1	.	1	CLAMP	(a)
NMC1005-5	8	4	8	4	.	8	CLAMP	(a)
NMC1005-6	3	.	3	3	.	3	CLAMP	(a)
(a) Discard the existing part.								
(b) There are more parts than are necessary.								

Group 7-11, 13:
PART 3: SPRAY SHROUD RETROFIT KITS

Kit 015T1891								
New Part Number	**QTY**						**Name**	**Notes**
	-7	**-8**	**-9**	**-10**	**-11**	**-13**		
015T1891-7	-	.	.	.	.	.	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	
015T1891-8	.	-	.	.	.	.	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	

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Group 7-11, 13:
PART 3: SPRAY SHROUD RETROFIT KITS

Kit 015T1891								
New Part Number	QTY						Name	Notes
	-7	-8	-9	-10	-11	-13		
015T1891-9	.	.	-	.	.	.	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	
015T1891-10	.	.	.	-	.	.	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	
015T1891-11	.	.	.	.	-	.	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	
015T1891-13	.	.	.	.	.	-	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	
417T2080-7	.	.	.	1	.	1	SPRAY SHIELD	
417T2080-9	1	1	2	1	1	1	SPRAY SHIELD	
417T2080-10	1	1	.	1	.	1	SPRAY SHIELD	
417T2080-11	.	.	1	.	1	.	SPRAY SHIELD	
77000-910-034	1	.	.	1	1	1	SHROUD, WATERLINE	
AS1591-04-0900A	.	.	1	1	.	.	SHROUD	
AS4799-12-0560	.	.	.	.	1	.	HOSE ASSY	
BACN10YR3CD	6	2	2	6	8	6	NUT	(b)
BACS12GU3K13	1	.	.	1	1	1	SCREW	
BACS12GU3K16	4	2	2	4	4	4	SCREW	
BACS12GU3K17	.	.	.	.	1	.	SCREW	
BACS12GU3K21	1	.	.	1	1	1	SCREW	
BACS38K1	40	10	40	50	50	40	STRAP	(b)
BACS38K7	4	4	6	6	4	6	STRAP	
BOE2225-0002	1	.	.	1	1	1	SHROUD	
BOE2225-0003	.	.	.	.	1	.	SHROUD	
BOE222711013505	.	.	.	.	1	.	SHROUD	
BOE2271-0002	.	.	.	1	.	.	SHROUD	
BOE2271-0003	1	.	.	1	1	2	SHROUD	
BOE2272-0002	.	.	.	1	.	.	SHROUD	

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Group 7-11, 13:
PART 3: SPRAY SHROUD RETROFIT KITS

Kit 015T1891								
New Part Number	**QTY**						**Name**	**Notes**
	-7	**-8**	**-9**	**-10**	**-11**	**-13**		
BOE2272-0003	.	.	1	.	.	.	SHROUD	
CR4H	.	.	10	10	10	.	BLOCK	(b)
NAS1149D0332J	.	.	.	.	4	.	WASHER	(b)
NAS1611-015A	.	.	4	4	.	.	O-RING	
NAS1611-117A	.	.	.	.	2	.	O-RING	
NAS42DD6-20FC	2	.	.	2	2	2	SPACER	
NAS42DD6-41FC	1	.	.	1	1	1	SPACER	
NAS42DD6-6FC	2	2	2	2	2	2	SPACER	
NAS43DD3-12FC	.	.	.	.	1	.	SPACER	
NMC1005-4	1	.	.	1	1	1	CLAMP	(a)
NMC1005-5	8	4	5	9	12	8	CLAMP	(a)
NMC1005-5	3	.	.	3	3	3	CLAMP	(a)
(a) Discard the existing part.								
(b) There could possibly be more parts than are necessary.								

Group 12:
PART 3: SPRAY SHROUD RETROFIT KITS

Kit 015T1891			
New Part Number	**QTY**	**Name**	**Notes**
	-12		
015T1891-12	-	TOP KIT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD RETROFIT	
417T2080-7	1	SPRAY SHIELD	
417T2080-10	1	SPRAY SHIELD	
77000-910-034	1	SHROUD, WATERLINE	
BACN10YR3CD	4	NUT	
BACS12GU3K13	1	SCREW	
BACS12GU3K16	2	SCREW	
BACS12GU3K21	1	SCREW	

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Group 12:
PART 3: SPRAY SHROUD RETROFIT KITS

Kit 015T1891			
New Part Number	**QTY**	**Name**	**Notes**
	-12		
BACS38K1	50	STRAP	(b)
BACS38K7	6	STRAP	
BOE2225-0002	1	SHROUD	
BOE2271-0002	1	SHROUD	
BOE2271-0003	1	SHROUD	
NAS42DD6-20FC	2	SPACER	
NAS42DD6-41FC	1	SPACER	
NMC1005-4	1	CLAMP	(a)
NMC1005-5	4	CLAMP	(a)
NMC1005-6	3	CLAMP	(a)
(a) Discard the existing part.			
(b) There could possibly be more parts than are necessary.			

2. Parts and Materials Supplied by the Operator:

The following parts or materials are necessary to do the change in this service bulletin. Parts and materials in the manuals given in Paragraph 1.J., References, can also be necessary. Examine operator part and material supply to make sure all necessary parts and materials are available.

PART 1 AND 2 OPTIONAL PLASTIC COUPLING REPLACEMENT PARTS

Part Number / Specification	QTY	Name	Notes
14C33-08	(f)	Metal Coupling	Replaces plastic coupling P/N CA62505-56BL or CA62006-56BL. (a) (b) (c) (d) (e)
14C33-10	(f)	Metal Coupling	Replaces plastic coupling P/N CA62506-56BL or CA62006-56BL. (a) (b) (c) (d) (e)
14C33-12	(f)	Metal Coupling	Replaces plastic coupling P/N CA62507-56BL or CA62007-56BL. (a) (b) (c) (d) (e)

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PART 1 AND 2 OPTIONAL PLASTIC COUPLING REPLACEMENT PARTS

Part Number / Specification	QTY	Name	Notes
(a) If Operators choose not to purchase the plastic coupling replacement kits, these parts can be ordered separately to replace any plastic couplings found.			
(b) Can be purchased from: Hydraflow - 1881w Malvern Ave. Fullerton, CA. Cage code: 24984			
(c) Discard the existing part.			
(d) This part used in production.			
(e) You cannot use the existing part to replace the new part.			
(f) The quantity of replacement metal couplings that need to be purchased should agree with the quantity of plastic couplings found during the inspection.			

Group 9-11:
PART 3: SPRAY SHROUD RETROFIT PARTS

Part Number / Specification	QTY	Name	Notes
P29	2 ft	Tape	(a)
(a) Refer to the Qualified Products List at the end of the Boeing Material Specification (BMS) for supplier data.			

3. Parts Modified and Reidentified:

   None.

4. Parts Removed and Not Replaced:

   Group 11:

Existing Part Number	Name	QTY	Notes
AS4706-08-0970	Hose Assembly	1	(a) (b)
FT1084	Tee	1	
14C33-12 or CA62507-56BL or CA62007-56BL	Coupling (c)	1	
14C33-08 or CA62505-56BL or CA62007-56BL	Coupling (c)	2	
(a) Keep the part if there are other uses for it.			

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Group 11:

Existing Part Number	Name	QTY	Notes
(b) These removed parts and related supporting hardware are for the unused potable water connection between Location 6 and Location 9 given in FIGURE 28.			
(c) And related sleeve and O-rings.			

Group 1-10, 12-13:
None.

D. Parts Necessary to Change Spares

None.

E. Special Tooling - Price and Availability

None.

F. Special Tooling Necessary to do this Service Bulletin

No special tools or equipment are necessary to do the change in this service bulletin. But, maintenance and overhaul tools in the manuals given in Paragraph 1.J., References, can be necessary. Examine operator tool supply to make sure all necessary tools are available.

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3. ACCOMPLISHMENT INSTRUCTIONS

A. GENERAL INFORMATION

CAUTION: KEEP THE WORK AREA, WIRES AND ELECTRICAL BUNDLES CLEAN OF METAL PARTICLES OR CONTAMINATION WHEN YOU USE TOOLS. UNWANTED MATERIAL, METAL PARTICLES OR CONTAMINATION CAUGHT IN WIRE BUNDLES CAN CAUSE DAMAGE TO THE BUNDLES. DAMAGED WIRE BUNDLES CAN CAUSE SPARKS OR OTHER ELECTRICAL DAMAGE.

NOTE:

1. Manual titles are referred to by acronyms. Refer to Paragraph 1.J., References, for definition of the acronyms.

2. Obey all of the warnings and cautions given in the specified manual sections.

3. The work instructions are divided into work packages. Task Hours and Elapsed Hours for each package are given in Paragraph 1.G., Manpower. You can do each work package independently.

4. Unless shown differently, these dimensions and tolerances are used:

   - Linear dimensions are in inches
   - Tolerance on linear dimensions, other than rivet and bolt edge margins, is plus or minus 0.03 inch
   - Tolerance on rivet and bolt edge margin is plus or minus 0.05 inch
   - Angular tolerance is plus or minus 2 degrees
   - Hole dimensions for standard solid rivets and fasteners are in Structural Repair Manual (SRM) Chapter 51
   - Torque Values:
     - Values for structural fasteners are given in 767 Structural Repair Manual, Chapter 51.
     - Non-standard torque values for maintenance tasks are included in the applicable installation step.

5. Use the approved fastener and process material substitutions in accordance with SRM Chapter 51.

6. If the length of any fastener specified in this service bulletin does not meet installation standards given in SRM Chapter 51, then a fastener of the same specification, or an approved substitute, with a length which meets the installation standards given in SRM Chapter 51 may be used. In addition, washers may be installed for fastener grip length in accordance with SRM Chapter 51. Refer to SOPM 20-50-01 for alternate full threaded fasteners (screws) needed for installation in this service bulletin.

7. A General Visual Inspection is defined as: A visual examination of an interior or exterior area, installation or assembly to detect obvious damage, failure or irregularity. This level of inspection is made from within touching distance unless otherwise specified. A mirror may be necessary to enhance visual access to all exposed surfaces in the inspection area. This level of inspection is made under normally available lighting conditions such as daylight, hangar lighting, flashlight or drop-light and may require removal or opening of access panels or doors. Stands, ladders or platforms may be required to gain proximity to the area being checked.

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8. These work instructions refer to procedures included in other Boeing documents. When the words "refer to" are used and the operator has an accepted alternative procedure, the accepted alternative procedure can be used. When the words "in accordance with" are included in the instruction, the procedure in the Boeing document must be used.

9. Refer to Appendix A for Coupling Location group applicability.

10. The instructions in Paragraph 3.B., Work Instructions and the figures can include operation of tools or test equipment. Boeing Engineering Tool Drawings, the Illustrated Tool and Equipment Manual, and the Special Tool and Ground Handling Drawing Index contain data on versions of the tools or test equipment that you can use. It is permitted to use replaced tools. It is not permitted to use superseded tools.

11. If it is necessary to remove more parts for access, you can remove those parts. If you can get access without removing identified parts, it is not necessary to remove all of the identified parts. Jacking and shoring limitations must be observed.

12. Where the work instructions include installation of a kept part, a new or serviceable part with the same part number can be installed as an alternative to the kept part.

13. This service bulletin includes functional test procedures for the systems changed by this service bulletin. More functional tests can possibly be necessary in accordance with standard maintenance practices because of interruption to other airplane systems.

14. If shading is used, shaded areas in Figures are to separate the non-critical and non-authoritative information from the critical and authoritative information.

15. When more than one OPTION is given for a CONDITION, do only one of the OPTION numbers. When more than one ACTION is given for a CONDITION number or an OPTION number, do all of the ACTION numbers for that CONDITION number or OPTION number.

16. The compliance times for the actions in Paragraph 3.B., WORK INSTRUCTIONS are in Paragraph 1.E., Compliance.

17. The CONDITIONS, ACTIONS and OPTIONS shown apply to each of the applicable potable water system locations independently.

18. Some steps in the Work Instructions are identified as Required for Compliance (RC). If this service bulletin is mandated by an Airworthiness Directive (AD), then the steps identified as RC must be done to comply with the AD. Alternative procedures for steps not identified with RC can be used if the RC steps can still be done as specified, and the airplane can be put back in a serviceable condition. An Alternative Method of Compliance (AMOC) is not necessary for deviations to steps that are not identified as RC.

19. Parts to be installed in this service bulletin, around potable water couplings, to give spray protection to electrical equipment, have been given part names "Spray Shrouds" and "Spray Shields" or "Shroud" and "Shield". Where "Spray Shroud" is used in background text and titles this name is used to describe both Spray Shrouds and Spray Shields, as a group of parts.

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20. The access requirements for PART 1 are the same as for the installations given in PART 3, at Locations 1 thru 6 and 9. The access requirements for PART 2 are the same as for the installations given in PART 3, only if it is necessary to replace the coupling at Locations 7 or 8, in which case removal of the forward galley will be necessary for access. The PART 2 inspection can be done from the Main Equipment Center, without removal of the forward galley.

B. WORK INSTRUCTIONS

PART 1 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

1. Get access to the Main Equipment Center Ceiling and find the potable water supply couplings at Locations 1 thru 6 and 9, as given in TABLE 1.

2. Remove electrical power. Refer to 767 AMM 24-22-00 as an accepted procedure.

3. RC - In the Main Equipment Center, do a General Visual Inspection (GVI) of potable water system couplings, for plastic couplings, found at Locations 1 thru 6 and 9 in accordance with the figures in TABLE 1:

TABLE 1 - GROUP APPLICABILITY OF COUPLING LOCATIONS AND RELATED COUPLING INSPECTION FIGURES

Airplane Group	Coupling Locations	Figure
1	1, 3, 4 and 5	FIGURE 1, FIGURE 2, FIGURE 6
2	4 and 5	FIGURE 2, FIGURE 6
3	1, 3, 4 and 5	FIGURE 1, FIGURE 5, FIGURE 10
4	1, 3, 4 and 5	FIGURE 1, FIGURE 3, FIGURE 7
5	2, 4 and 5	FIGURE 3, FIGURE 7, FIGURE 11
6	1, 3, 4 and 5	FIGURE 1, FIGURE 3, FIGURE 9
7	1, 3, 4 and 5	FIGURE 1, FIGURE 4, FIGURE 6
8	4 and 5	FIGURE 4, FIGURE 6
9	4 and 5	FIGURE 2, FIGURE 8
10	1, 2, 3, 4 and 5	FIGURE 1, FIGURE 3, FIGURE 9, FIGURE 11
11	1, 3, 4, 5, 6 and 9	FIGURE 1, FIGURE 2, FIGURE 6, FIGURE 12 (a)
12	1, 2, 3, 4 and 5	FIGURE 1, FIGURE 3, FIGURE 7, FIGURE 11
13	1, 3, 4 and 5	FIGURE 1, FIGURE 3, FIGURE 9
(a) If the coupling inspections in FIGURE 12 are done at the same time as the work in PART 3, FIGURE 28, the coupling at Location 9 and two of the three couplings at Location 6 (not the coupling at STA 331) are removed, thus those inspections would not be required.		

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a. CONDITION 1: If no plastic coupling is found, no more work is necessary for Locations 1 thru 6 and 9. Do the steps that follow:-

(1) Close access to the Main Equipment Center.

(2) Put the airplane back to a serviceable condition.

b. CONDITION 2: If any plastic coupling is found, at Locations 1 thru 6 and 9, replace it with an equivalent metal coupling. Do the steps that follow:-

(1) Depressurize the potable water system. Refer to 767 AMM 38-10-00 as an accepted procedure.

(2) Drain the potable water system. Refer to 767 AMM 12-14-01 as an accepted procedure.

(3) RC - In the Main Equipment Center replace any plastic coupling found at Locations 1 thru 6 and 9 in accordance with the figures in TABLE 2:

TABLE 2 - GROUP APPLICABILITY OF COUPLING LOCATIONS AND RELATED PLASTIC COUPLING REPLACEMENT FIGURES

Airplane Group	Coupling Locations	Figure
1	1, 3, 4 and 5	FIGURE 31, FIGURE 32, FIGURE 36
2	4 and 5	FIGURE 32, FIGURE 36
3	1, 3, 4 and 5	FIGURE 31, FIGURE 35, FIGURE 40
4	1, 3, 4 and 5	FIGURE 31, FIGURE 33, FIGURE 37
5	2, 4 and 5	FIGURE 33, FIGURE 37, FIGURE 41
6	1, 3, 4 and 5	FIGURE 31, FIGURE 33, FIGURE 39
7	1, 3, 4 and 5	FIGURE 31, FIGURE 34, FIGURE 36
8	4 and 5	FIGURE 34, FIGURE 36
9	4 and 5	FIGURE 32, FIGURE 38
10	1, 2, 3, 4 and 5	FIGURE 31, FIGURE 33, FIGURE 39, FIGURE 41
11	1, 3, 4, 5, 6 and 9	FIGURE 31, FIGURE 32, FIGURE 36, FIGURE 42 (a)
12	1, 2, 3, 4 and 5	FIGURE 31, FIGURE 33, FIGURE 37, FIGURE 41
13	1, 3, 4 and 5	FIGURE 31, FIGURE 33, FIGURE 39
(a) If the coupling replacements given in FIGURE 42 are done at the same time as the work in PART 3, FIGURE 28, the coupling at Location 9 and two of the three couplings at Location 6 (not the coupling at STA 331) are removed, thus those inspections would not be necessary.		

(4) Supply electrical power. Refer to 767 AMM 24-22-00 as an accepted procedure.

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(5) Fill the potable water system. Refer to 767 AMM 12-14-01 as an accepted procedure.

(6) Pressurize the potable water system. Refer to 767 AMM 38-10-00 as an accepted procedure.

(7) RC - Do a Potable Water System Leakage Test on any replaced coupling and repair any leak. Refer to 767 AMM 38-10-00 as an accepted procedure.

(8) Close access to the Main Equipment Center.

(9) Put the airplane back to a serviceable condition.

Group 9-10:
PART 2 - FORWARD GALLEY - POTABLE WATER SYSTEM COUPLING - INSPECTION AND REPLACEMENT

1. Get access to the Main Equipment Center Ceiling and find the potable water supply couplings at Locations 7 or 8, as given in TABLE 3.

2. Remove electrical power. Refer to 767 AMM 24-22-00 as an accepted procedure.

3. RC - In the forward passenger compartment, do a general visual inspection of potable water system couplings, for plastic couplings, at Location 7 or 8 in accordance with the figures in TABLE 3:

TABLE 3 - GROUP APPLICABILITY OF COUPLING LOCATIONS AND RELATED COUPLING INSPECTION FIGURES

Airplane Group	Coupling Location	Figure
9	7	FIGURE 13
10	8	FIGURE 14

a. CONDITION 3: If no plastic coupling is found, no more work is necessary for Location 7 or 8. Do the steps that follow:-

(1) Close access to the Main Equipment Center.

(2) Put the airplane back to a serviceable condition.

b. CONDITION 4: If any plastic coupling is found, at Location 7 or 8, replace it with an equivalent metal coupling. Do the steps that follow:-

(1) Depressurize the potable water system. Refer to 767 AMM 38-10-00 as an accepted procedure

(2) Drain the potable water system. Refer to 767 AMM 12-14-01 as an accepted procedure.

(3) Remove electrical power. Refer to 767 AMM 24-22-00 as an accepted procedure.

(4) Remove the forward galley, only if required to get access to the potable water supply coupling at Location 7 or 8, located under the forward galley. Refer to 767 AMM 25-31-01 as an accepted procedure.

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(5) Remove floor panels found under the forward galley, and keep attaching hardware, to get access to the potable water system couplings found at Location 7 or 8, as given in TABLE 4. Refer to 767 AMM 53-01-01 as an accepted procedure to remove panels.

NOTE: Refer to Maintenance Planning Data 767 MPD Appendix A for Forward Passenger Compartment floor panel locations.

(6) RC - In the forward passenger compartment replace any plastic coupling found in Location 7 or 8 in accordance with the figures in TABLE 4:

TABLE 4 - GROUP APPLICABILITY OF COUPLING LOCATIONS AND RELATED PLASTIC COUPLING REPLACEMENT FIGURES

Airplane Group	Coupling Locations	Figure
9	7	FIGURE 43
10	8	FIGURE 44

(7) Supply electrical power. Refer to 767 AMM 24-22-00 as an accepted procedure.

(8) Fill the potable water system. Refer to 767 AMM 12-14-01 as an accepted procedure.

(9) Pressurize the potable water system. Refer to 767 AMM 38-10-00 as an accepted procedure.

(10) RC - Do a Potable Water System Leakage Test on any replaced coupling and repair any leak. Refer to 767 AMM 38-10-00 as an accepted procedure.

(11) Install floor panels and attaching hardware, that were removed to get access to the potable water system couplings at Location 7 or 8. Refer to 767 AMM 53-01-01 as an accepted procedure to remove panels.

(12) Install the Forward Galley, if removed. Refer to 767 AMM 25-31-01 as an accepted procedure.

(13) Close access to the Main Equipment Center.

(14) Put the airplane back to a serviceable condition.

PART 3 - FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - SPRAY SHROUD INSTALLATION

1. Get access to the Main Equipment Center Ceiling and find the potable water supply couplings at Locations 1 thru 6 and 9, as given in TABLE 1.

2. **Group 9-10:**
Remove the forward galley, only if required to get access to the potable water supply coupling at Location 7 or 8, located under the forward galley. Refer to 767 AMM 25-31-01 as an accepted procedure.

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3. **Group 9-10:**
Remove floor panels found under the forward galley, and keep attaching hardware, to get access to the potable water system couplings found at Location 7 or 8, as given in TABLE 4. Refer to 767 AMM 53-01-01 as an accepted procedure to remove panels.

NOTE: Refer to Maintenance Planning Data 767 MPD Appendix A for Forward Passenger Compartment floor panel locations.

4. **Group 9-11:**
Depressurize the potable water system. Refer to 767 AMM 38-10-00 as an accepted procedure.

5. **Group 9-11:**
Drain the potable water system. Refer to 767 AMM 12-14-01 as an accepted procedure.

6. Remove electrical power. Refer to 767 AMM 24-22-00 as an accepted procedure.

7. **Group 11:**
RC - In the Main Equipment Center (MEC), at Location 6, remove hose assemblies, P/N AS4706-08-0790 and AS4704-12-0524, related tee, coupling and supporting hardware parts, then install a new hose assy P/N AS4799-12-0560 in accordance with FIGURE 28.

NOTE: Removal of hose assembly, P/N AS4706-08-0790 and related parts, removes the potable water system connection to Location 9.

8. RC - In the MEC and the forward passenger compartment, for groups 9 and 10 only, install new spray shrouds around the metal couplings found at Locations 1 thru 8 in accordance with the figures in TABLE 5:

TABLE 5 - GROUP APPLICABILITY OF COUPLING LOCATIONS AND RELATED SPRAY SHROUD INSTALLATION FIGURES

Airplane Group	Coupling Locations	Figure
1	1, 3, 4 and 5	FIGURE 15, FIGURE 16, FIGURE 20
2	4 and 5	FIGURE 16, FIGURE 20
3	1, 3, 4 and 5	FIGURE 15, FIGURE 19, FIGURE 26
4	1, 3, 4 and 5	FIGURE 15, FIGURE 17, FIGURE 21
5	2, 4 and 5	FIGURE 17, FIGURE 21, FIGURE 27
6	1, 3, 4 and 5	FIGURE 15, FIGURE 17, FIGURE 25
7	1, 3, 4 and 5	FIGURE 15, FIGURE 18, FIGURE 20
8	4 and 5	FIGURE 18, FIGURE 20
9	4, 5 and 7	FIGURE 16, FIGURE 22, FIGURE 29
10	1, 2, 3, 4, 5 and 8	FIGURE 15, FIGURE 17, FIGURE 23, FIGURE 27, FIGURE 30
11	1, 3, 4, 5, 6 and 9	FIGURE 15, FIGURE 16, FIGURE 28 (a), FIGURE 20

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TABLE 5 - GROUP APPLICABILITY OF COUPLING LOCATIONS AND RELATED SPRAY SHROUD INSTALLATION FIGURES

Airplane Group	Coupling Locations	Figure
12	1, 2, 3, 4 and 5	FIGURE 15, FIGURE 17, FIGURE 21, FIGURE 27
13	1, 3, 4 and 5	FIGURE 15, FIGURE 17, FIGURE 24
(a) Make sure that the work in FIGURE 28, to change potable water system connections at Location 6 is done before the work in FIGURE 20, at Location 5. This is necessary because changes at location 6 require removal and installation of the aft coupling at Location 5 for replacement of the related hose assembly.		

9. Supply electrical power. Refer to 767 AMM 24-22-00 as an accepted procedure.

10. **Group 9-11:**
Fill the potable water system, if drained before. Refer to 767 AMM 12-14-01 as an accepted procedure.

11. **Group 9-11:**
Pressurize the potable water system, if depressurized before. Refer to 767 AMM 38-10-00 as an accepted procedure.

12. **Group 9-11:**
RC - Do a Potable Water System Leakage Test on the disturbed potable water connections at the locations given in TABLE 6 and repair any leak. Refer to 767 AMM 38-10-00 as an accepted procedure.

TABLE 6 - GROUP APPLICABILITY OF COUPLING LOCATIONS THAT REQUIRE POTABLE WATER SYSTEM LEAKAGE TEST

Airplane Group	Coupling Locations
9	7
10	8
11	6 and related coupling at STA 276 (Location 5)

13. **Group 9-10:**
Install floor panels and attaching hardware, that were removed to get access to the potable water system couplings at Location 7 or 8. Refer to 767 AMM 53-01-01 as an accepted procedure to remove panels.

14. **Group 9-10:**
Install the Forward Galley, if removed. Refer to 767 AMM 25-31-01 as an accepted procedure.

15. Close access to the Main Equipment Center.

16. Put the airplane back to a serviceable condition.

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This Figure applies only to: Group 1, 3-4, 6-7, 10-13.

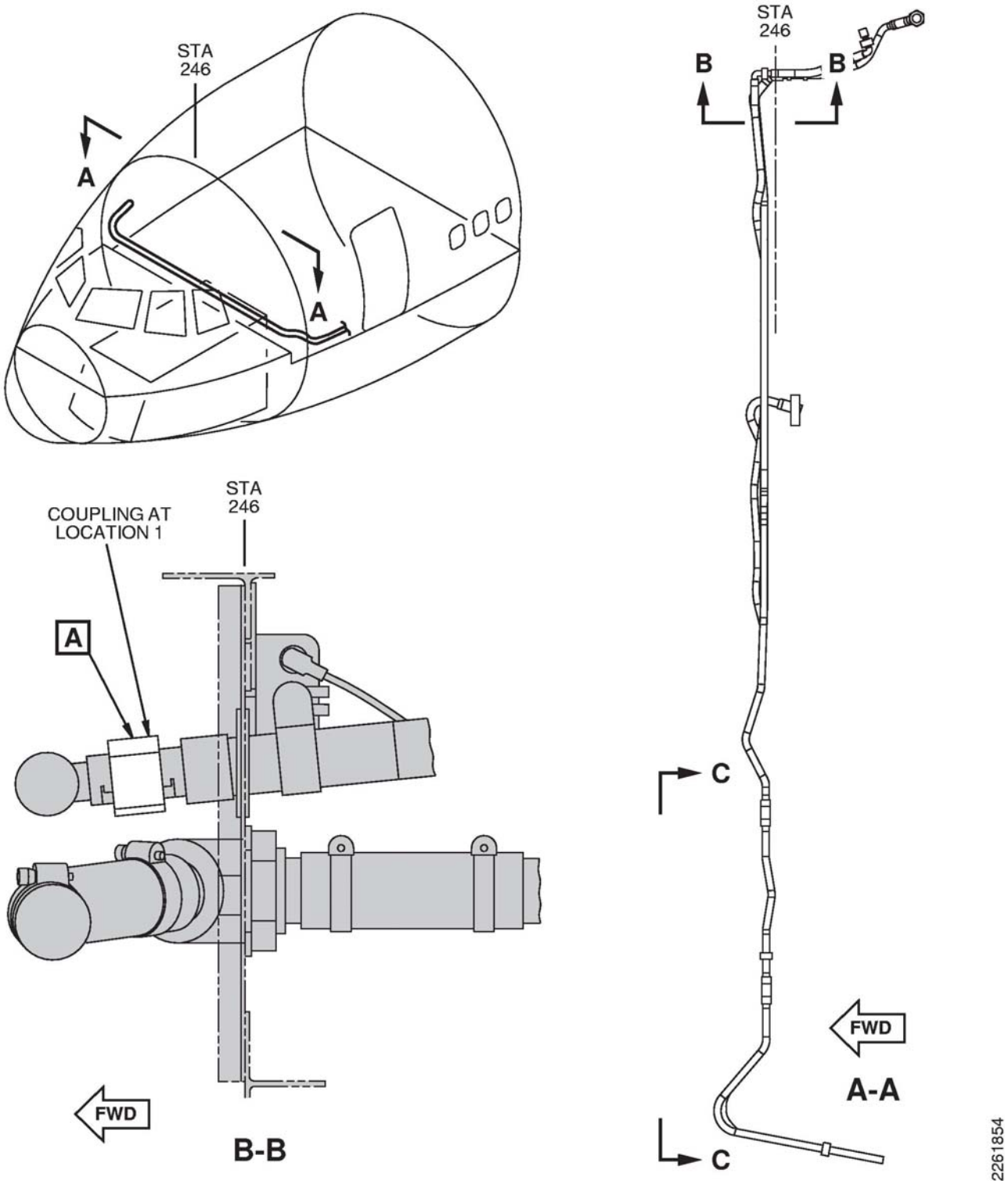
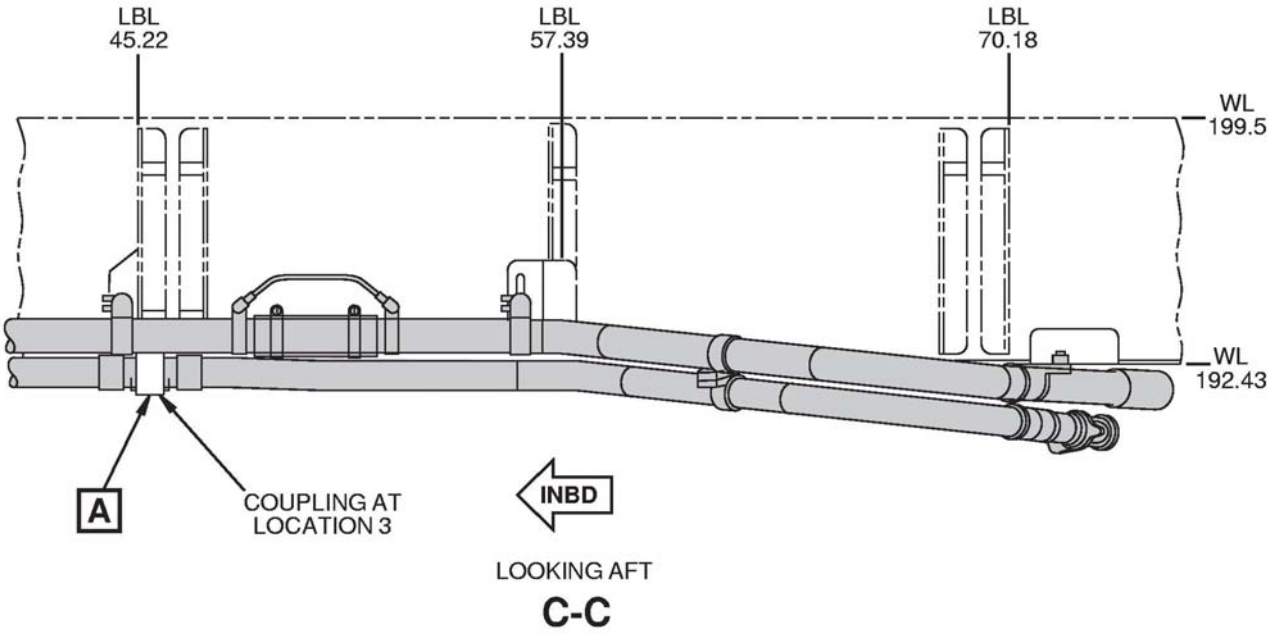
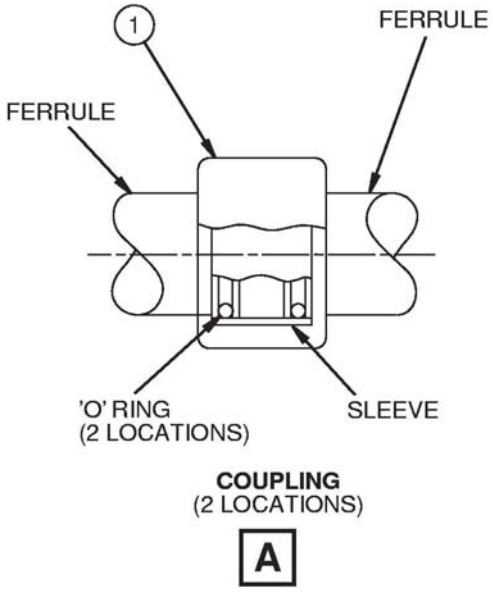


FIGURE 1: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 1 AND 3 INSPECTION
(SHEET 1 OF 3)

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FIGURE 1: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 1 AND 3 INSPECTION (SHEET 2 OF 3)

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ALERT ALERT

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings. Refer to APPENDIX B for more information to identify metal or plastic couplings.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	COUPLING	14C33-10 (CA62506-56BL or CA62006-56BL optional)	2	Do a General Visual Inspection to see if a plastic or metal coupling is installed. (a)
(a) Plastic couplings, P/N CA6250( )-56BL or CA6200( )-56BL, are blue. Metal couplings, P/N 14C33-( ), are purple.					

FIGURE 1: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 1 AND 3 INSPECTION (SHEET 3 OF 3)

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This Figure applies only to: Group 1-2, 9, 11.

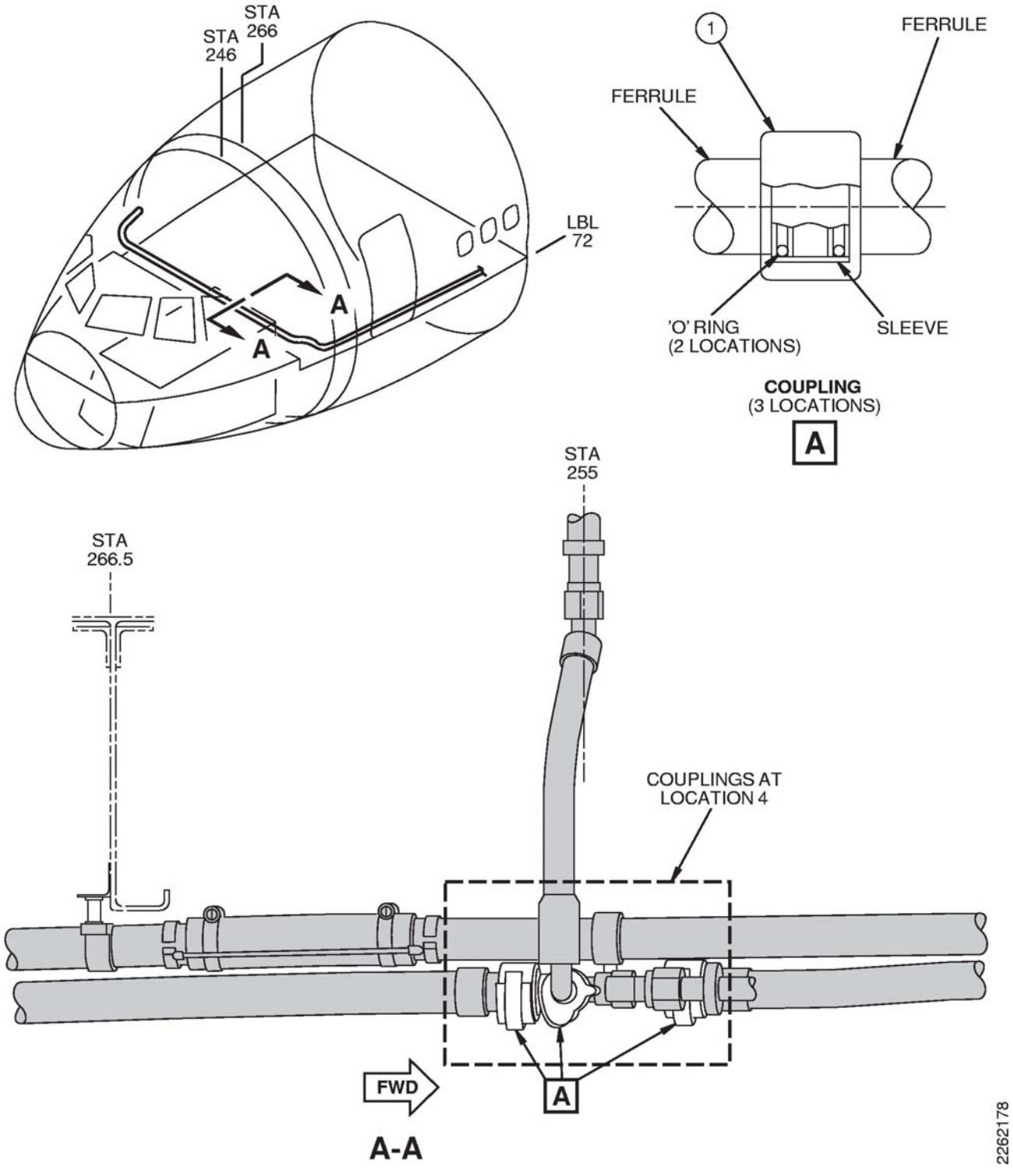


FIGURE 2: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 INSPECTION
(SHEET 1 OF 2)

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ALERT ALERT

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings. Refer to APPENDIX B for more information to identify metal or plastic couplings.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	COUPLING	14C33-( ) (CA6250( )-56BL or CA6200( )-56BL optional)	3	Do a General Visual Inspection to see if a plastic or metal coupling is installed. (a)
(a) Plastic couplings, P/N CA6250( )-56BL or CA6200( )-56BL, are blue. Metal couplings, P/N 14C33-( ), are purple.					

FIGURE 2: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 INSPECTION
(SHEET 2 OF 2)

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This Figure applies only to: Group 4-6, 10, 12-13.

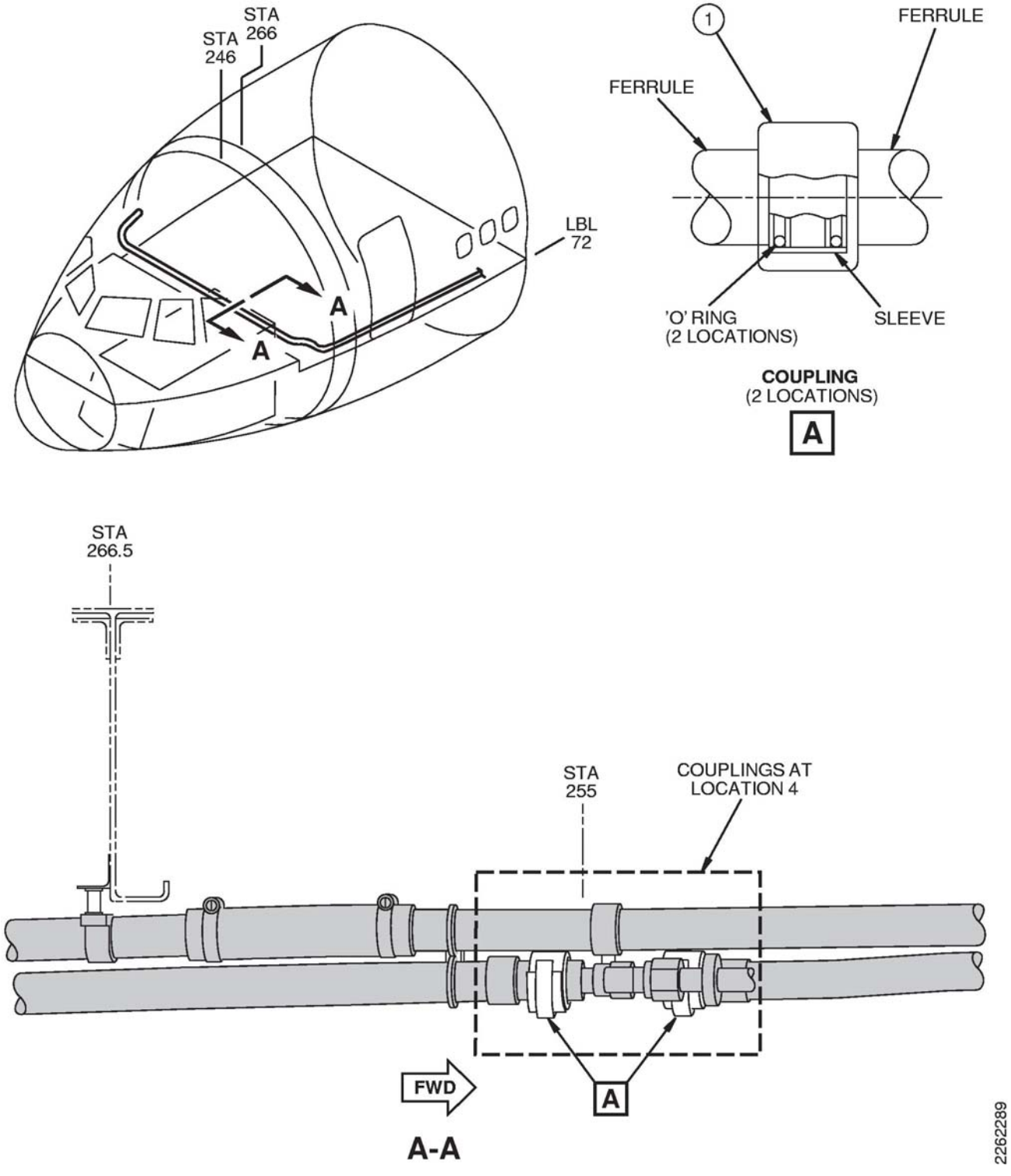


FIGURE 3: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 INSPECTION
(SHEET 1 OF 2)

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ALERT ALERT

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings. Refer to APPENDIX B for more information to identify metal or plastic couplings.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	COUPLING	14C33-( ) (CA6250( )-56BL or CA6200( )-56BL optional)	2	Do a General Visual Inspection to see if a plastic or metal coupling is installed. (a)
(a) Plastic couplings, P/N CA6250( )-56BL or CA6200( )-56BL, are blue. Metal couplings, P/N 14C33-( ), are purple.					

FIGURE 3: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 INSPECTION
(SHEET 2 OF 2)

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ALERT **ALERT**

This Figure applies only to: Group 7-8.

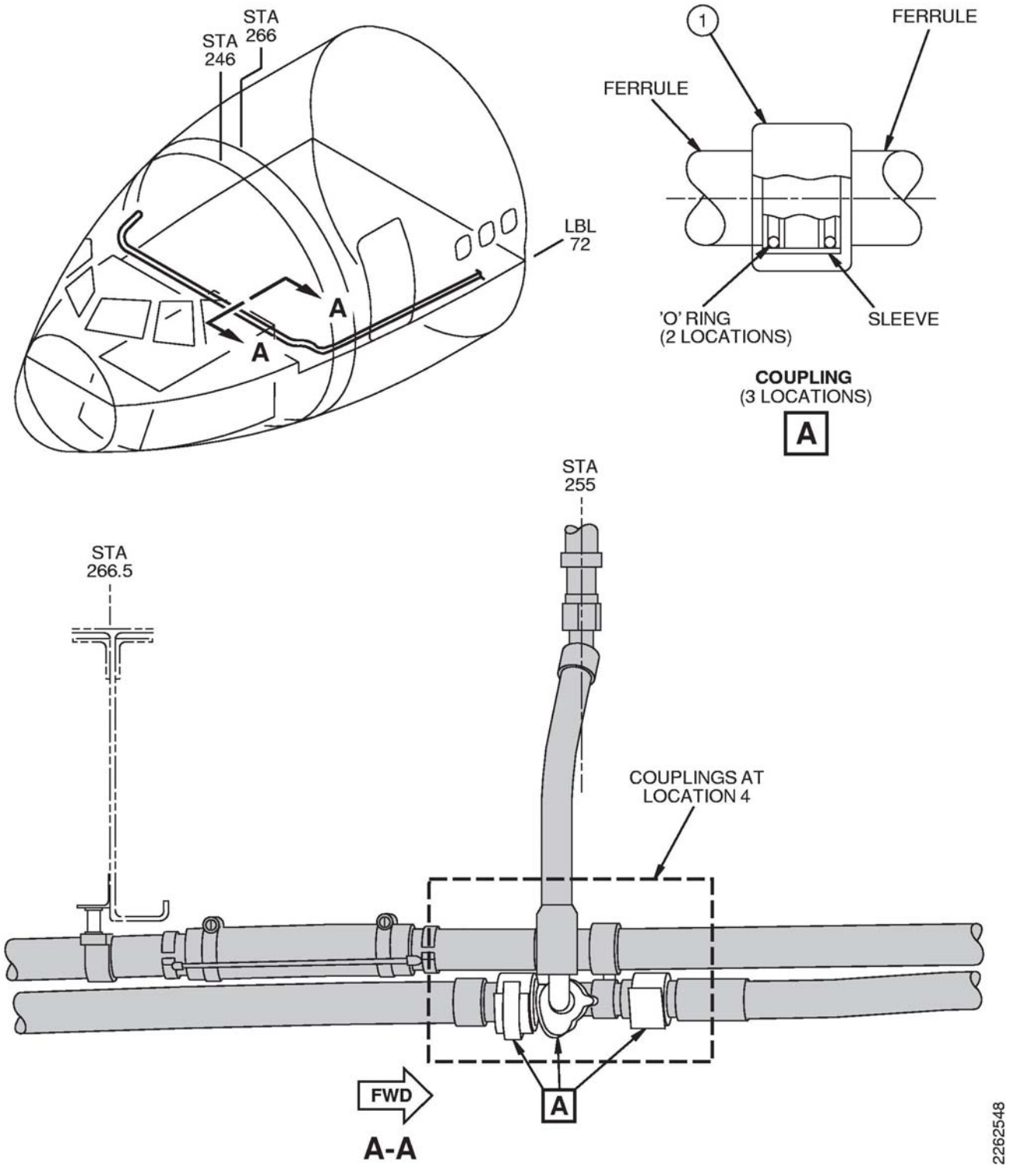


FIGURE 4: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 INSPECTION
(SHEET 1 OF 2)

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ALERT ALERT

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings. Refer to APPENDIX B for more information to identify metal or plastic couplings.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	COUPLING	14C33-( ) (CA6250( )-56BL or CA6200( )-56BL optional)	3	Do a General Visual Inspection to see if a plastic or metal coupling is installed. (a)
(a) Plastic couplings, P/N CA6250( )-56BL or CA6200( )-56BL, are blue. Metal couplings, P/N 14C33-( ), are purple.					

FIGURE 4: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 INSPECTION (SHEET 2 OF 2)

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This Figure applies only to: Group 3.

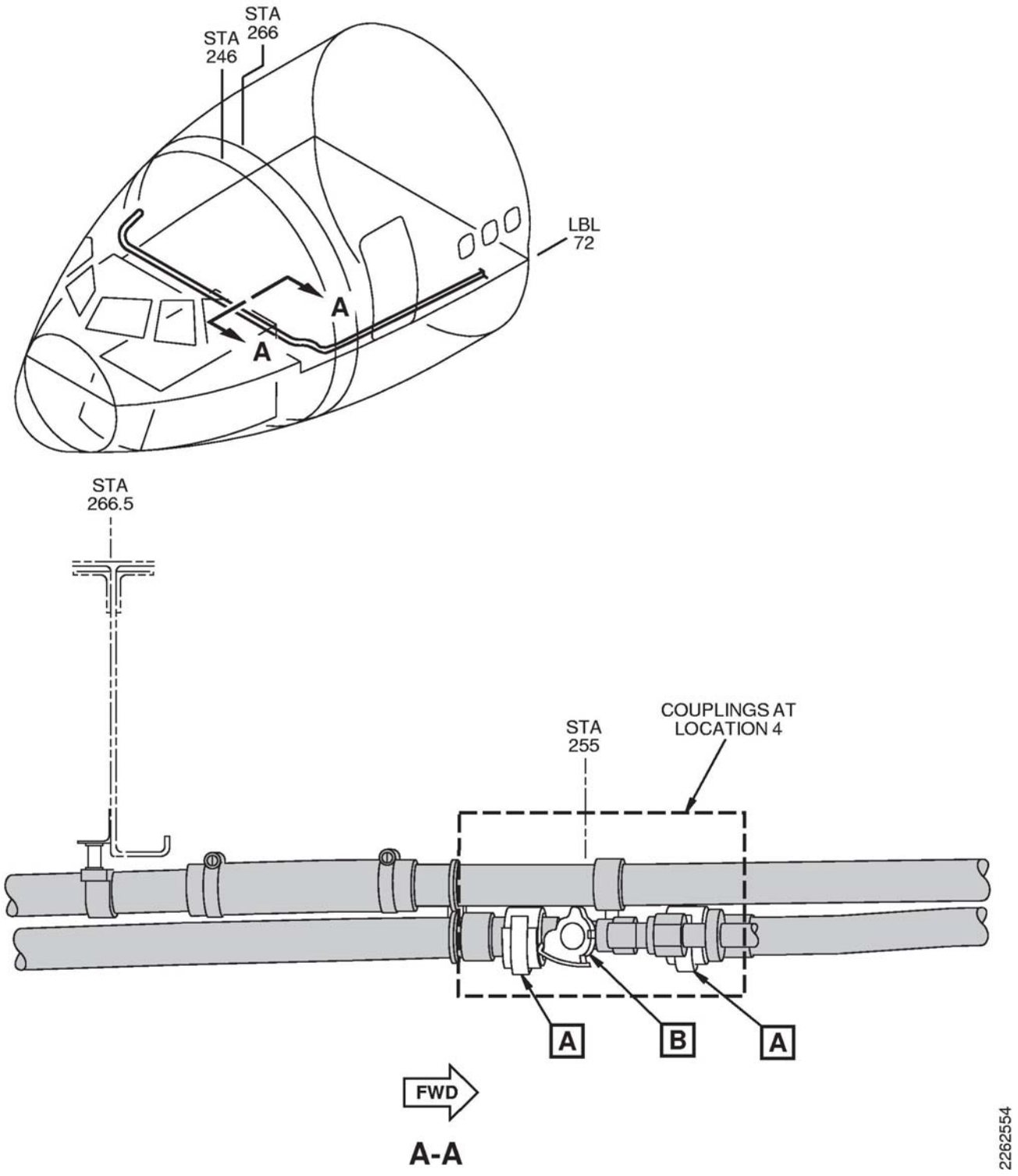
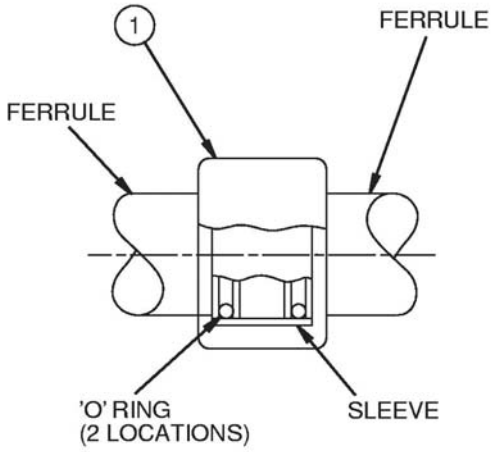


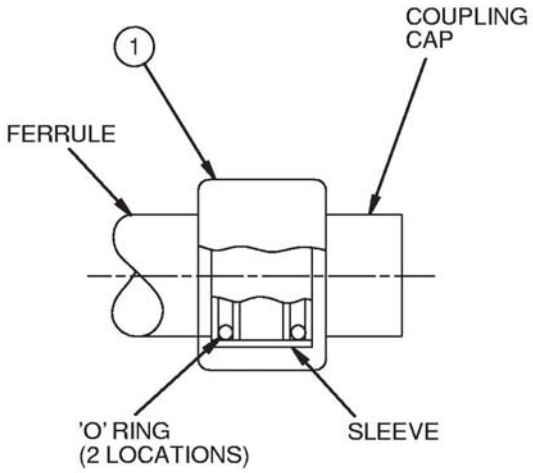
FIGURE 5: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 INSPECTION
(SHEET 1 OF 3)

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COUPLING
(3 LOCATIONS)

A



CAPPED COUPLING

B

2262556

FIGURE 5: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 INSPECTION
(SHEET 2 OF 3)

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ALERT **ALERT**

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings. Refer to APPENDIX B for more information to identify metal or plastic couplings.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	COUPLING	14C33-( ) (CA6250( )-56BL or CA6200( )-56BL optional)	3	Do a General Visual Inspection to see if a plastic or metal coupling is installed. (a)
(a) Plastic couplings, P/N CA6250( )-56BL or CA6200( )-56BL, are blue. Metal couplings, P/N 14C33-( ), are purple.					

FIGURE 5: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 INSPECTION
(SHEET 3 OF 3)

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ALERT **ALERT**

This Figure applies only to: Group 1-2, 7-8, 11.

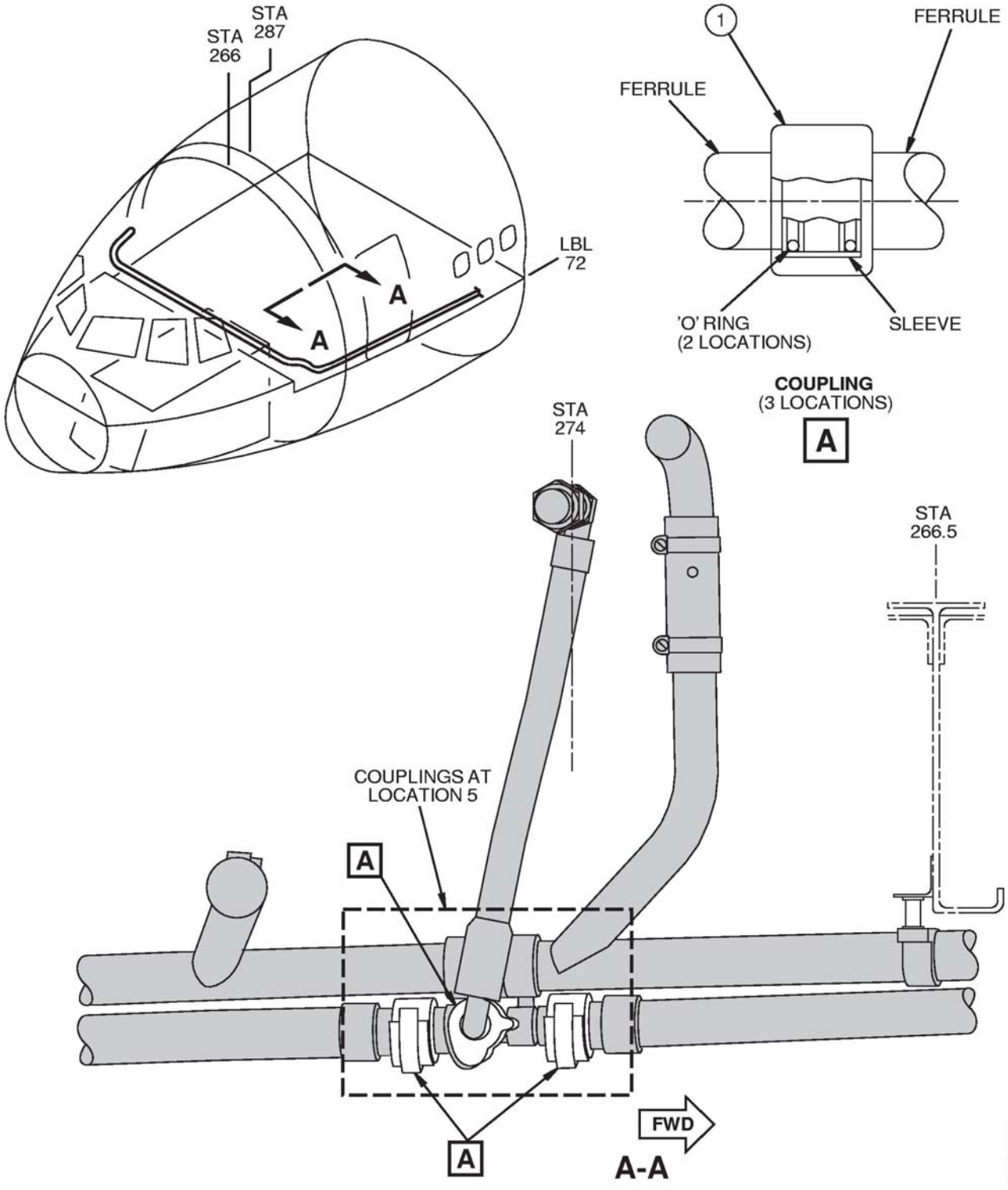


FIGURE 6: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 INSPECTION
(SHEET 1 OF 2)

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ALERT ALERT

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings. Refer to APPENDIX B for more information to identify metal or plastic couplings.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	COUPLING	14C33-( ) (CA6250( )-56BL or CA6200( )-56BL optional)	3	Do a General Visual Inspection to see if a plastic or metal coupling is installed. (a)
(a) Plastic couplings, P/N CA6250( )-56BL or CA6200( )-56BL, are blue. Metal couplings, P/N 14C33-( ), are purple.					

FIGURE 6: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 INSPECTION
(SHEET 2 OF 2)

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This Figure applies only to: Group 4-5, 12.

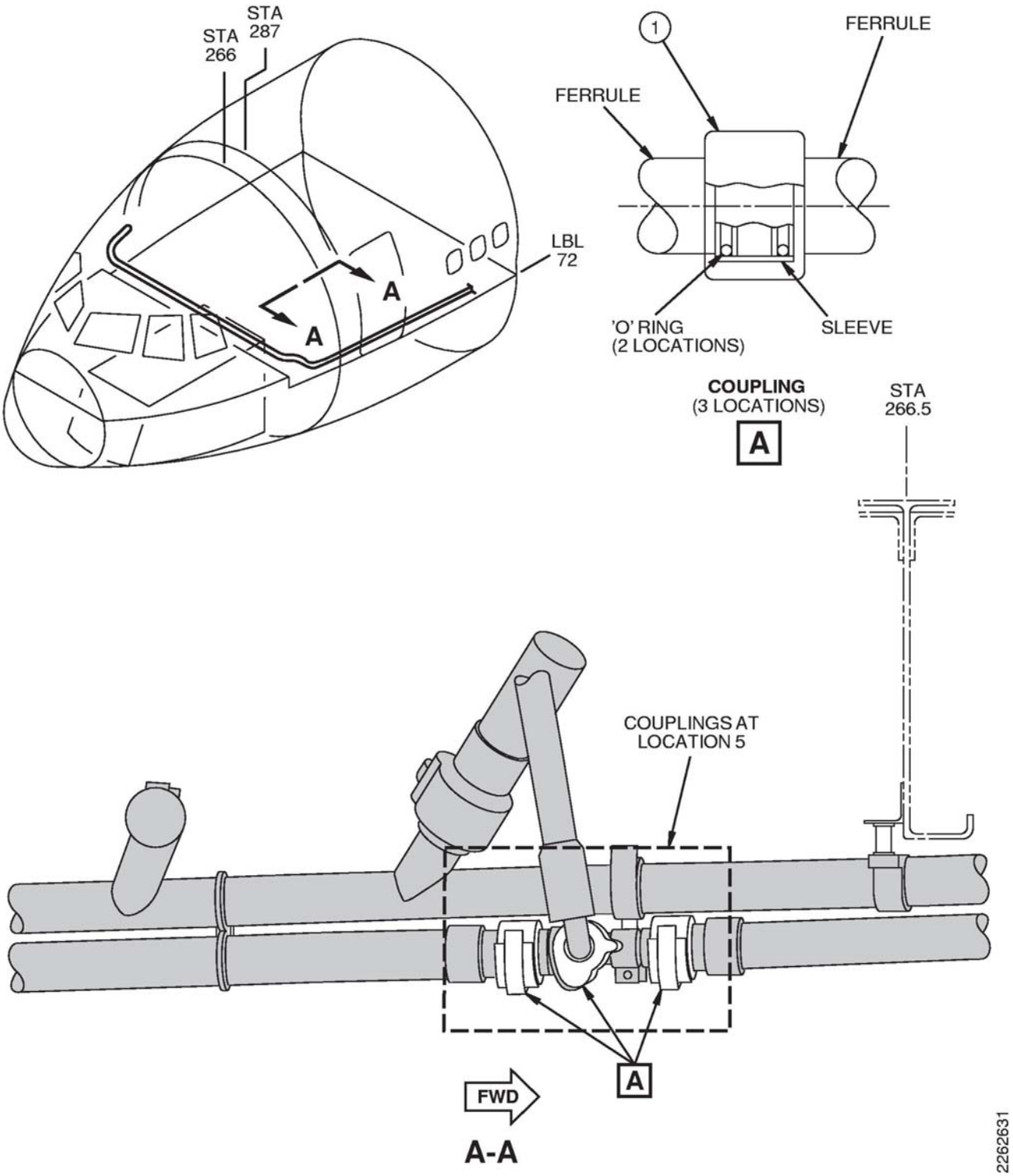


FIGURE 7: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 INSPECTION
(SHEET 1 OF 2)

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ALERT **ALERT**

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings. Refer to APPENDIX B for more information to identify metal or plastic couplings.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	COUPLING	14C33-( ) (CA6250( )-56BL or CA6200( )-56BL optional)	3	Do a General Visual Inspection to see if a plastic or metal coupling is installed. (a)
(a) Plastic couplings, P/N CA6250( )-56BL or CA6200( )-56BL, are blue. Metal couplings, P/N 14C33-( ), are purple.					

FIGURE 7: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 INSPECTION
(SHEET 2 OF 2)

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This Figure applies only to: Group 9.

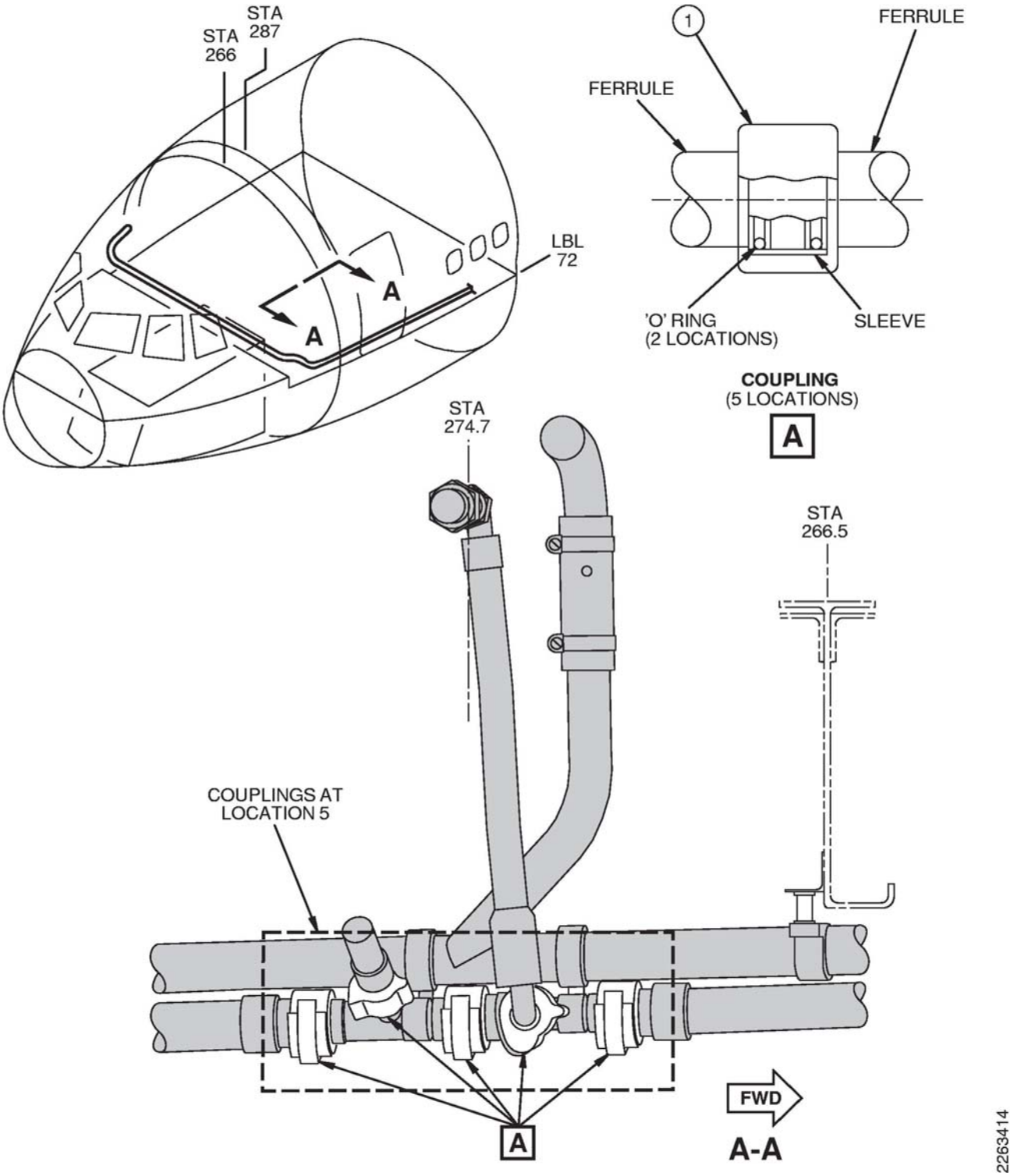


FIGURE 8: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 INSPECTION
(SHEET 1 OF 2)

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ALERT **ALERT**

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings. Refer to APPENDIX B for more information to identify metal or plastic couplings.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	COUPLING	14C33-( ) (CA6250( )-56BL or CA6200( )-56BL optional)	5	Do a General Visual Inspection to see if a plastic or metal coupling is installed. (a)
(a) Plastic couplings, P/N CA6250( )-56BL or CA6200( )-56BL, are blue. Metal couplings, P/N 14C33-( ), are purple.					

FIGURE 8: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 INSPECTION
(SHEET 2 OF 2)

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This Figure applies only to: Group 6, 10, 13.

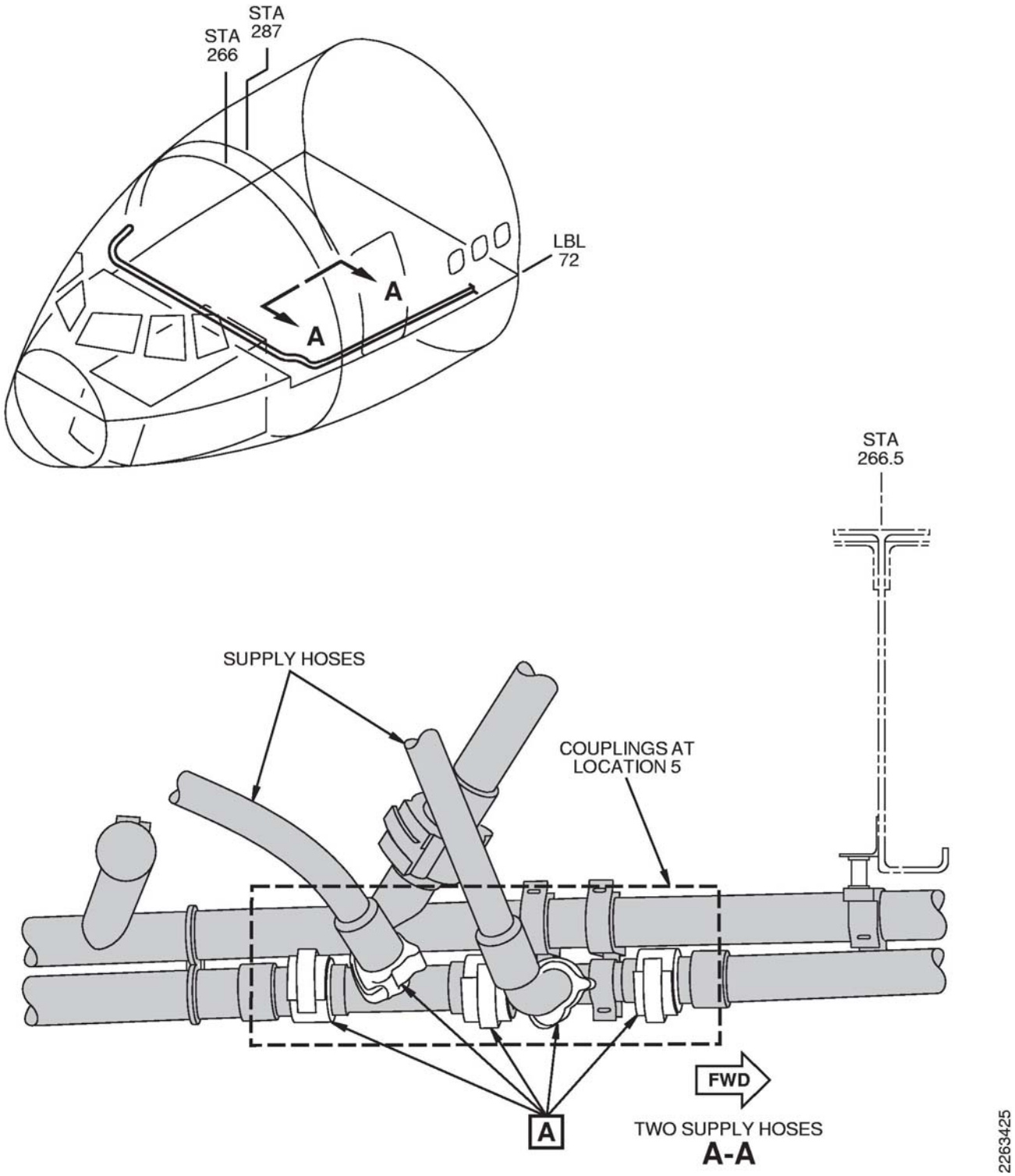


FIGURE 9: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 INSPECTION
(SHEET 1 OF 5)

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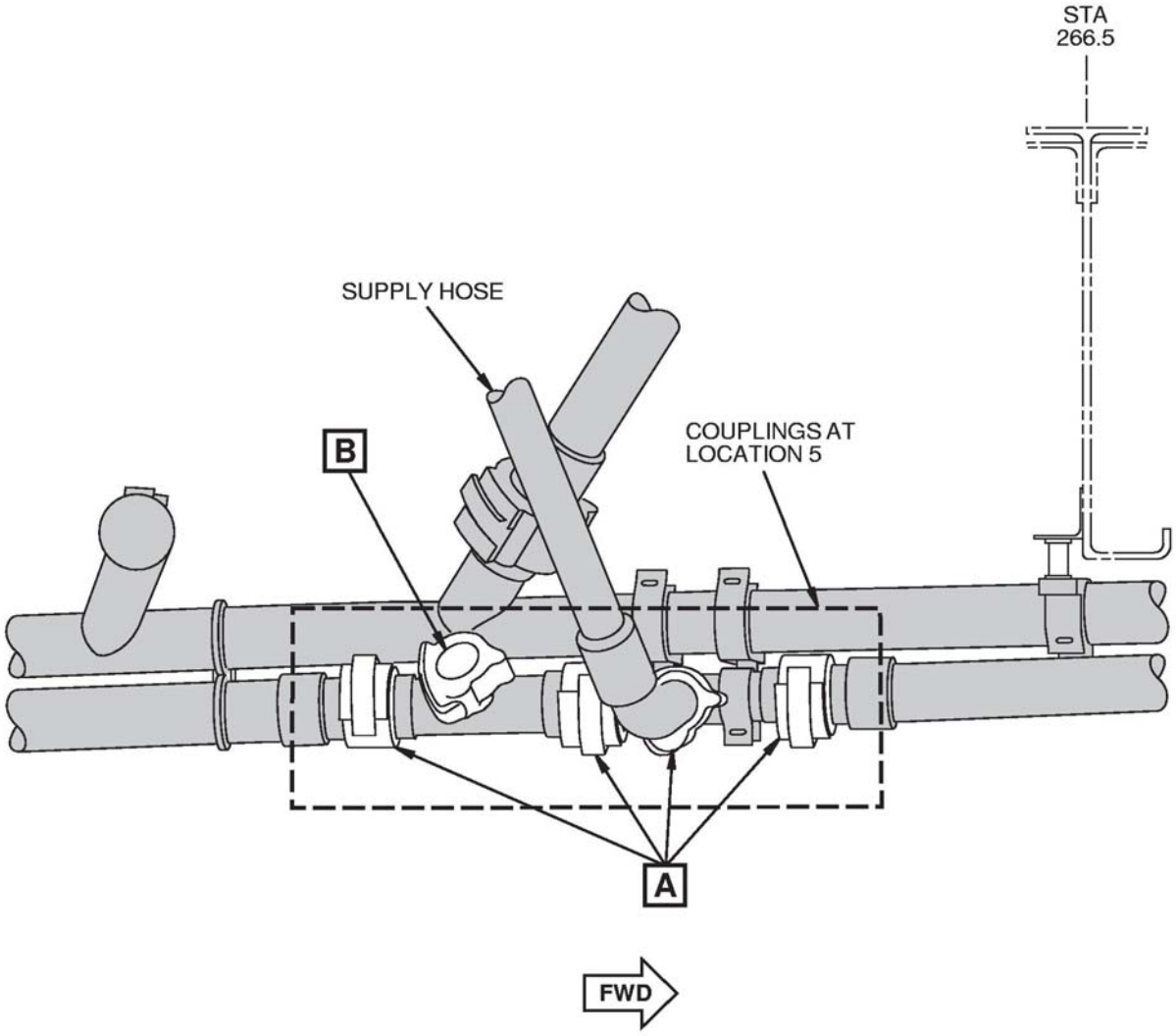
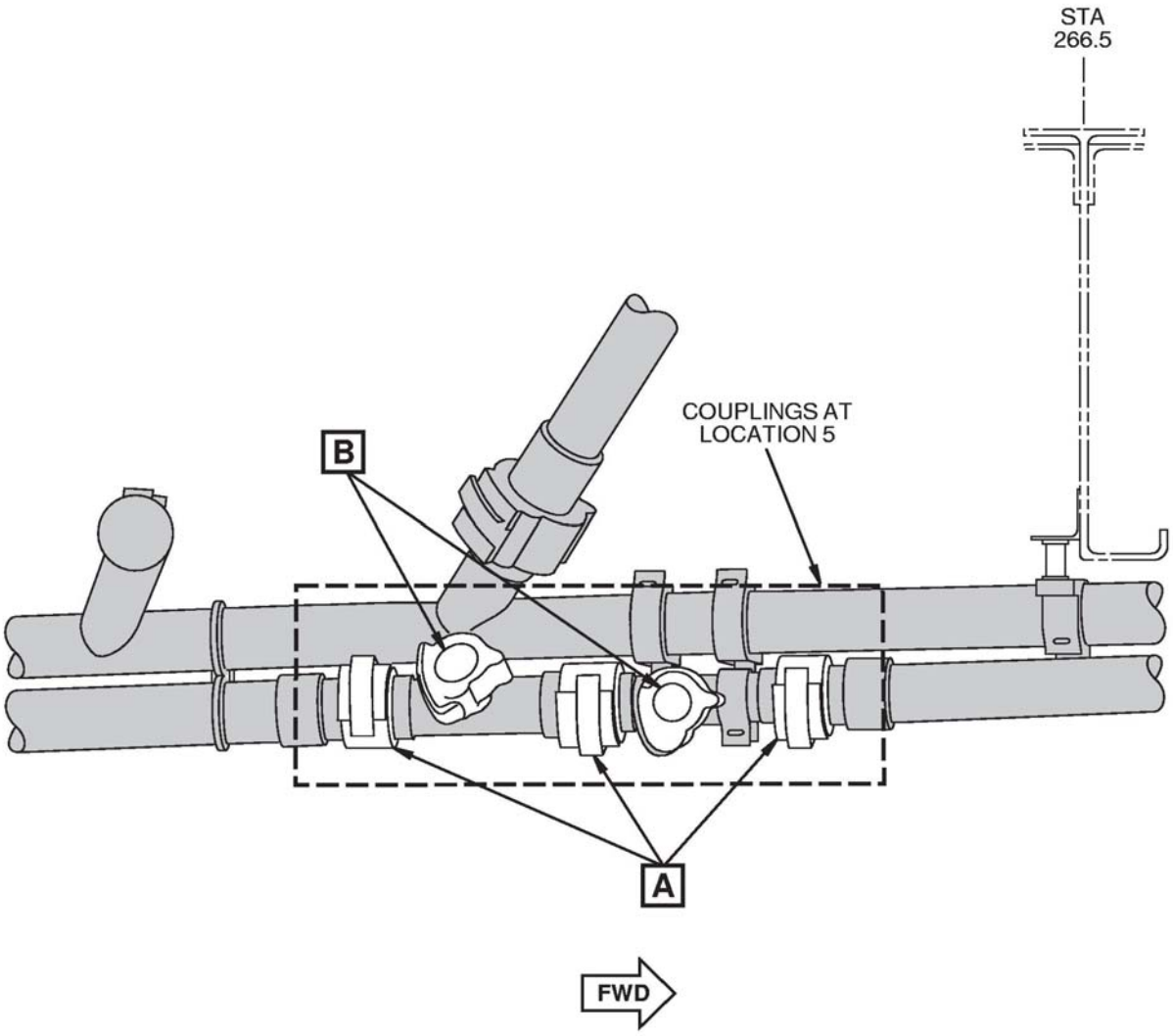


FIGURE 9: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 INSPECTION
(SHEET 2 OF 5)

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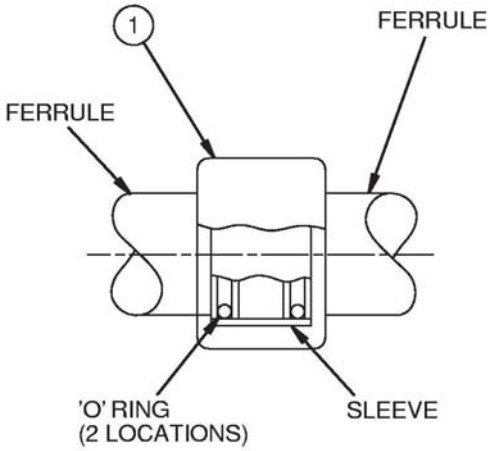
ALTERNATIVE CONFIGURATION NO SUPPLY HOSES

A-A

2267154

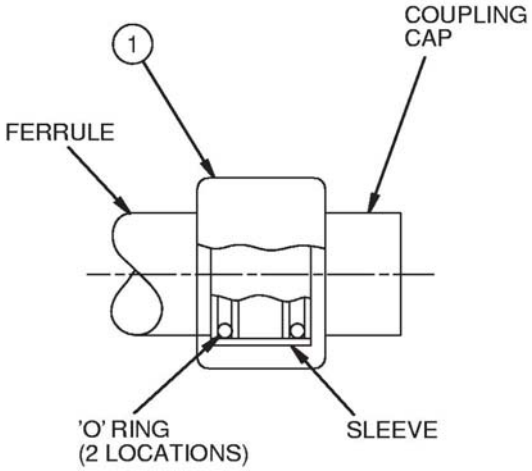
FIGURE 9: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 INSPECTION
(SHEET 3 OF 5)

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COUPLING

A



CAPPED COUPLING

B

2263444

FIGURE 9: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 INSPECTION
(SHEET 4 OF 5)

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ALERT **ALERT**

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings. Refer to APPENDIX B for more information to identify metal or plastic couplings.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	COUPLING	14C33-( ) (CA6250( )-56BL or CA6200( )-56BL optional)	5	Do a General Visual Inspection to see if a plastic or metal coupling is installed. Use the A-A view that agrees with the airplane configuration. (a)
(a) Plastic couplings, P/N CA6250( )-56BL or CA6200( )-56BL, are blue. Metal couplings, P/N 14C33-( ), are purple.					

FIGURE 9: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 INSPECTION
(SHEET 5 OF 5)

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This Figure applies only to: Group 3.

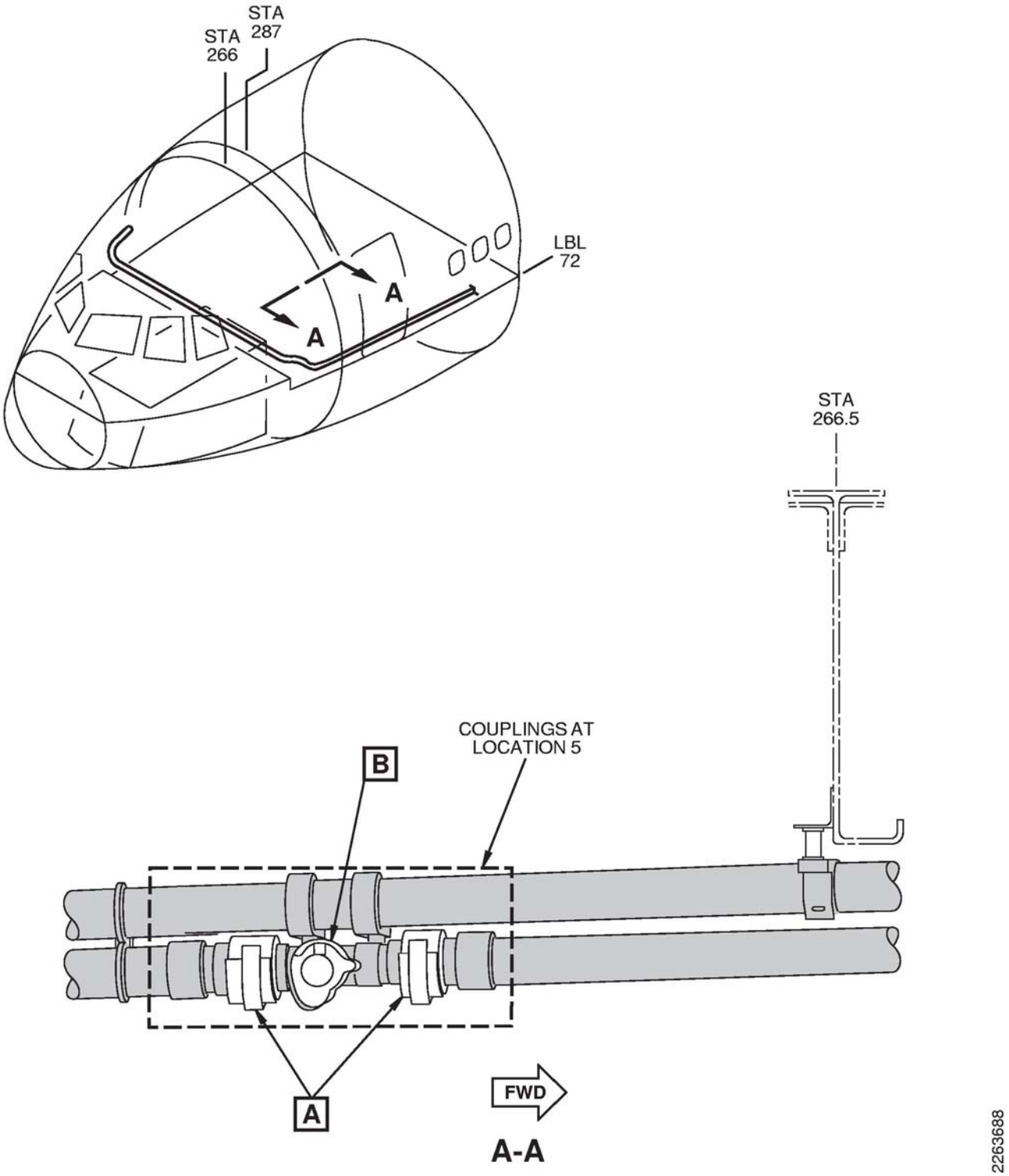
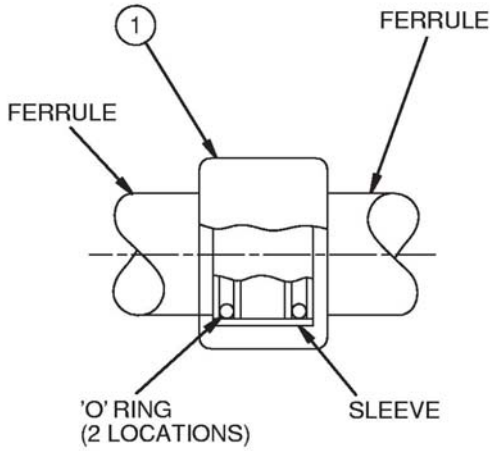


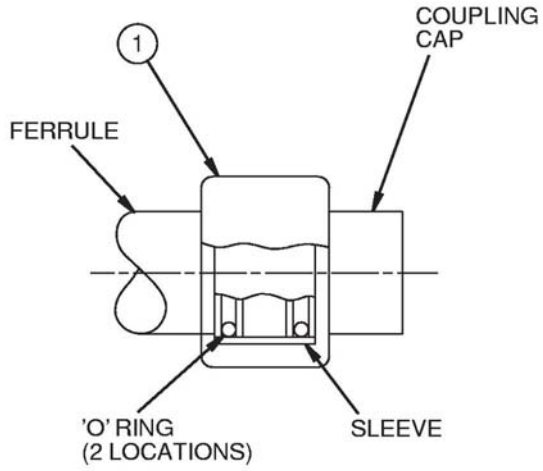
FIGURE 10: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 INSPECTION (SHEET 1 OF 3)

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COUPLING
(2 LOCATIONS)

A



CAPPED COUPLING

B

2263693

FIGURE 10: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 INSPECTION
(SHEET 2 OF 3)

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ALERT **ALERT**

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings. Refer to APPENDIX B for more information to identify metal or plastic couplings.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	COUPLING	14C33-( ) (CA6250( )-56BL or CA6200( )-56BL optional)	3	Do a General Visual Inspection to see if a plastic or metal coupling is installed. (a)
(a) Plastic couplings, P/N CA6250( )-56BL or CA6200( )-56BL, are blue. Metal couplings, P/N 14C33-( ), are purple.					

FIGURE 10: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 INSPECTION
(SHEET 3 OF 3)

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ALERT ALERT

This Figure applies only to: Group 5, 10, 12.

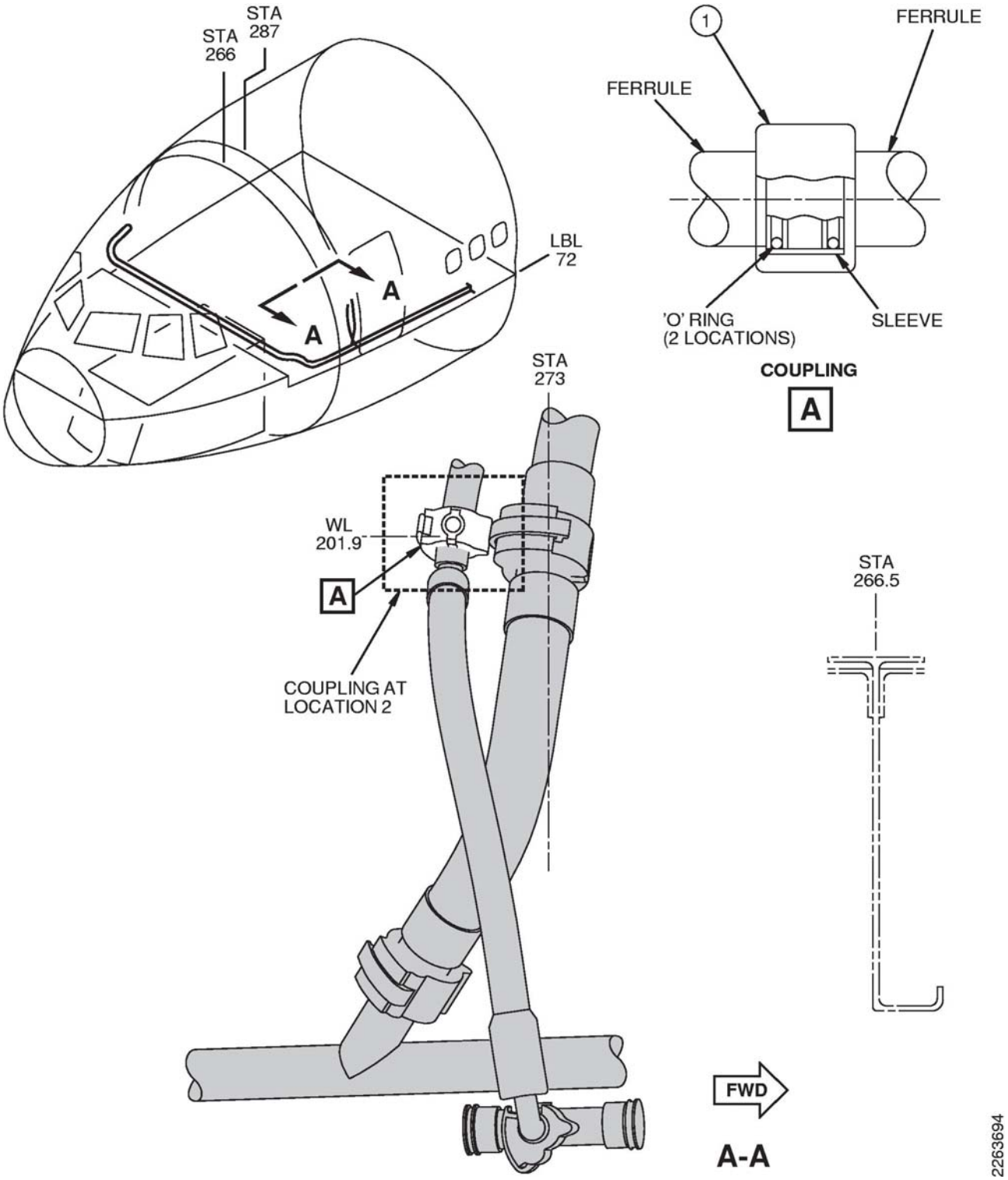


FIGURE 11: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 2 INSPECTION (SHEET 1 OF 2)

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ALERT ALERT

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings. Refer to APPENDIX B for more information to identify metal or plastic couplings.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	COUPLING	14C33-( ) (CA6250( )-56BL or CA6200( )-56BL optional)	1	Do a General Visual Inspection to see if a plastic or metal coupling is installed. (a)
(a) Plastic couplings, P/N CA6250( )-56BL or CA6200( )-56BL, are blue. Metal couplings, P/N 14C33-( ), are purple.					

FIGURE 11: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 2 INSPECTION (SHEET 2 OF 2)

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This Figure applies only to: Group 11.

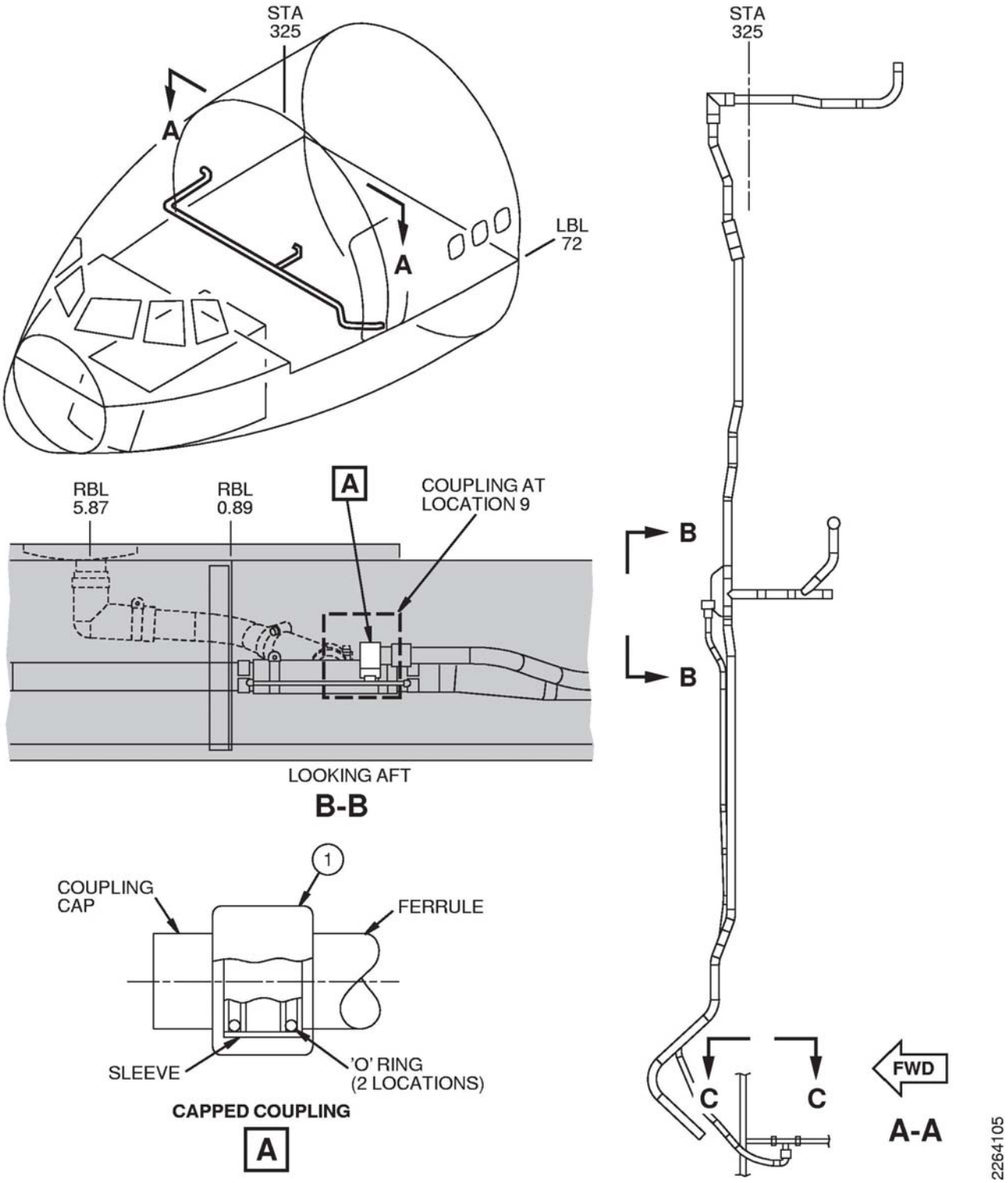


FIGURE 12: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 6 AND 9 INSPECTION
(SHEET 1 OF 3)

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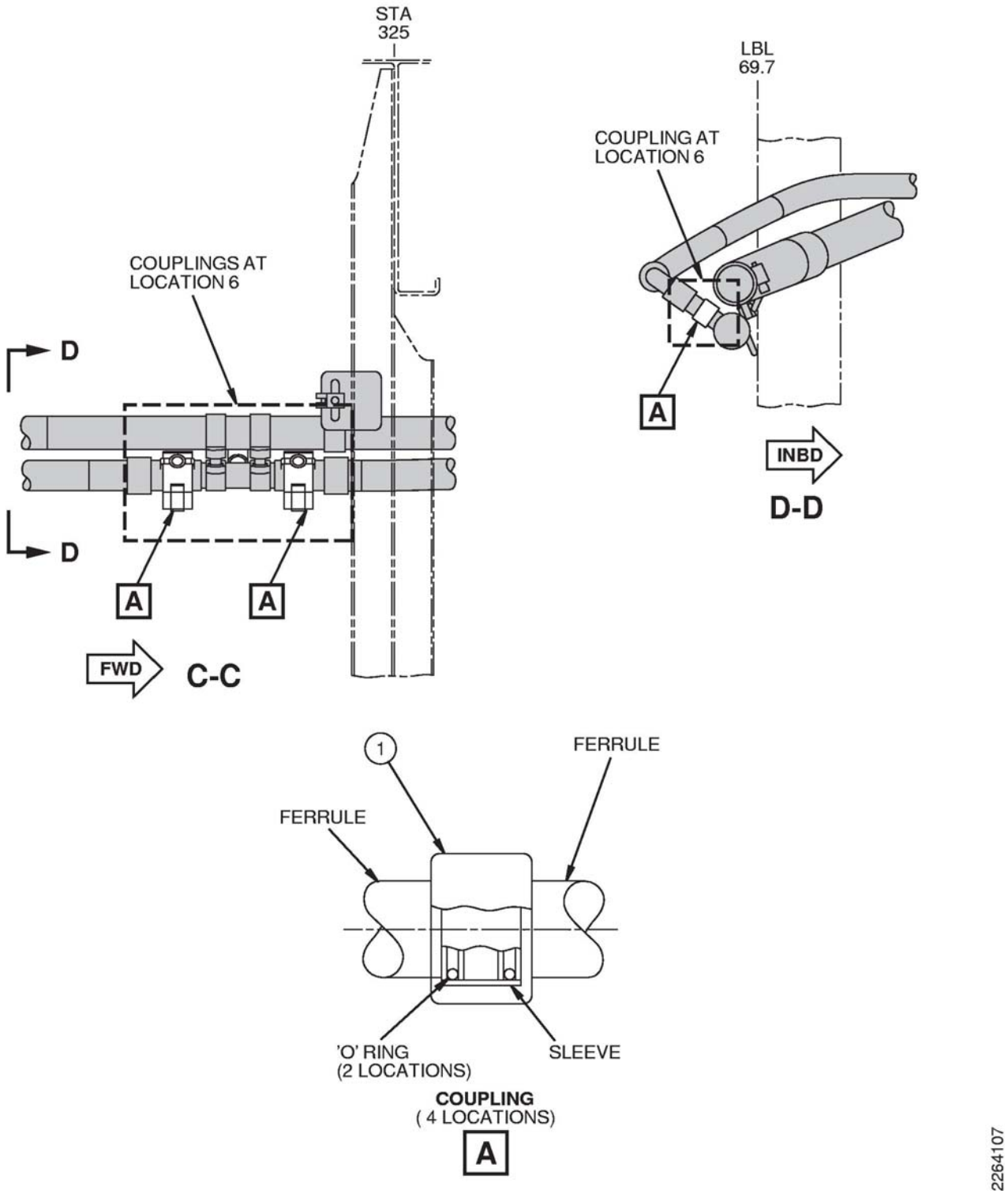


FIGURE 12: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 6 AND 9 INSPECTION (SHEET 2 OF 3)

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ALERT ALERT

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings. Refer to APPENDIX B for more information to identify metal or plastic couplings.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	COUPLING	14C33-( ) (CA6250( )-56BL or CA6200( )-56BL optional)	4	Do a General Visual Inspection to see if a plastic or metal coupling is installed. (a) (b)
(a) Plastic couplings, P/N CA6250( )-56BL or CA6200( )-56BL, are blue. Metal couplings, P/N 14C33-( ), are purple.					
(b) If this inspection is done at the same time as the work in PART 3 of this service bulletin, the coupling at Location 9 and two of the three couplings at Location 6 (not the coupling at STA 331) are removed in PART 3, thus those inspections would not be required.					

FIGURE 12: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 6 AND 9 INSPECTION (SHEET 3 OF 3)

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This Figure applies only to: Group 9.

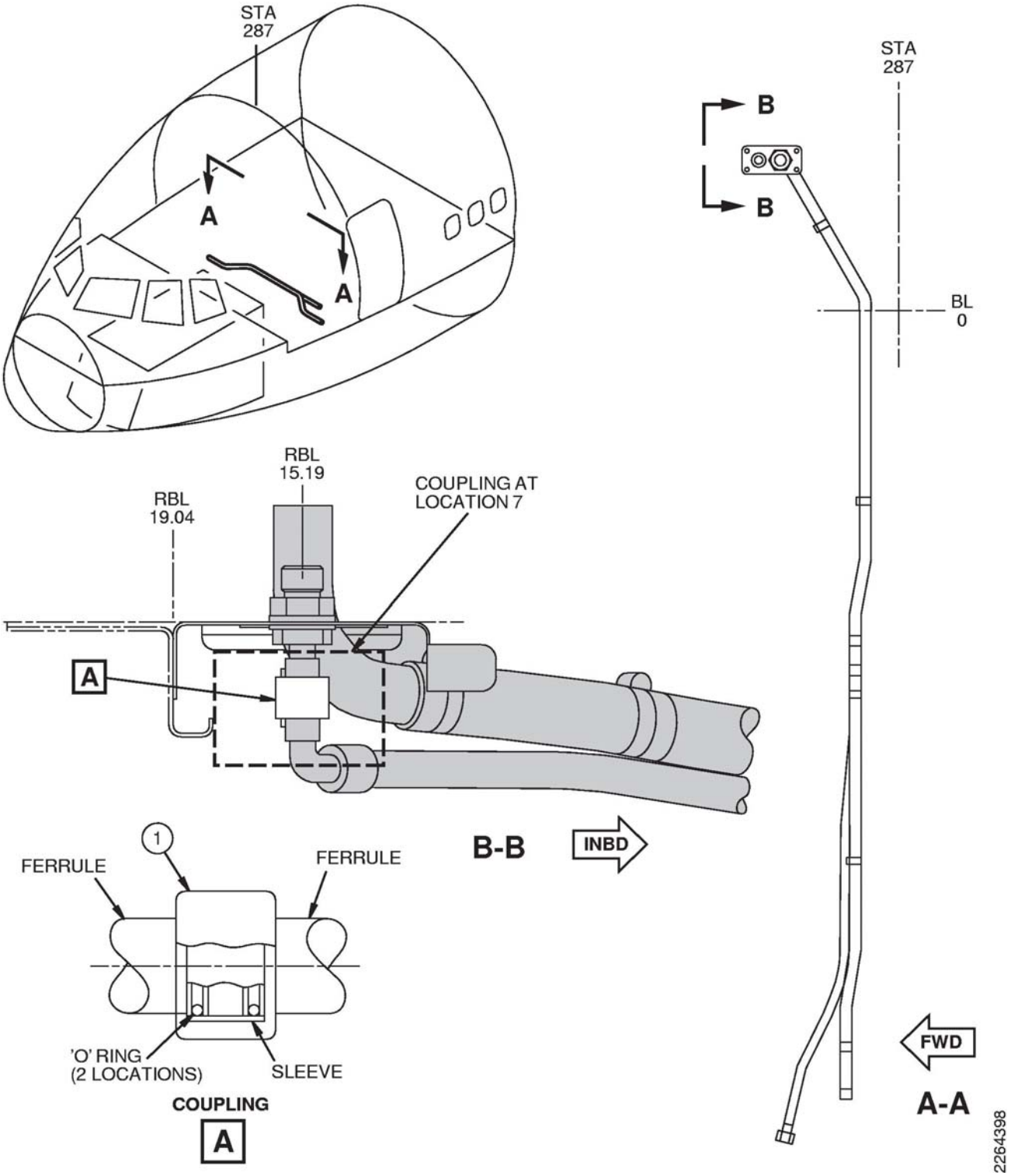


FIGURE 13: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 7 INSPECTION
(SHEET 1 OF 2)

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ALERT ALERT

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings. Refer to APPENDIX B for more information to identify metal or plastic couplings.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	COUPLING	14C33-( ) (CA6250( )-56BL or CA6200( )-56BL optional)	1	Do a General Visual Inspection to see if a plastic or metal coupling is installed. (a)
(a) Plastic couplings, P/N CA6250( )-56BL or CA6200( )-56BL, are blue. Metal couplings, P/N 14C33-( ), are purple.					

FIGURE 13: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 7 INSPECTION
(SHEET 2 OF 2)

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This Figure applies only to: Group 10.

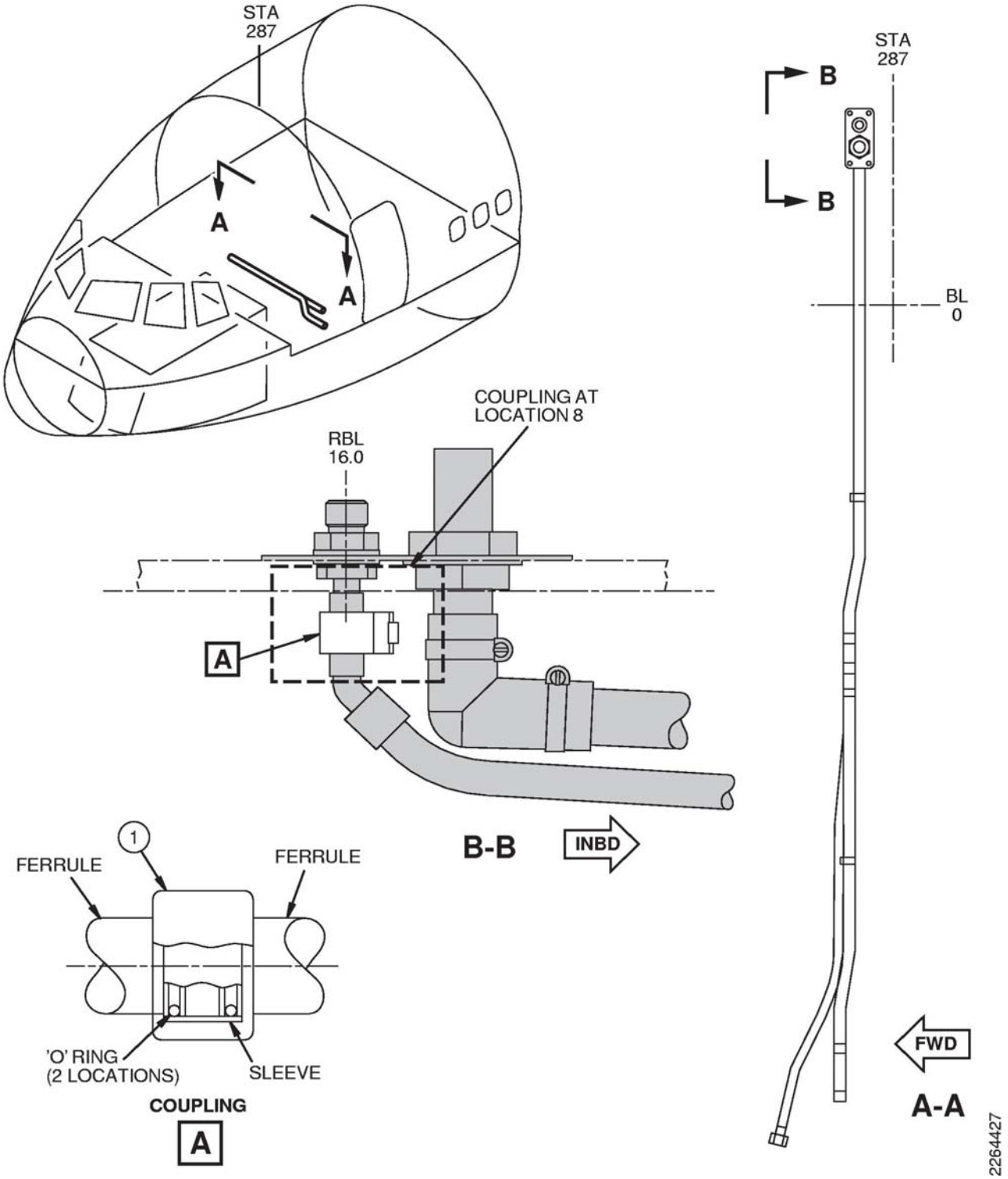


FIGURE 14: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 8 INSPECTION
(SHEET 1 OF 2)

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ALERT ALERT

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings. Refer to APPENDIX B for more information to identify metal or plastic couplings.

Step	Task	Name	Identification	Qty	More Data
1	Inspect	COUPLING	14C33-( ) (CA6250( )-56BL or CA6200( )-56BL optional)	1	Do a General Visual Inspection to see if a plastic or metal coupling is installed. (a)
(a) Plastic couplings, P/N CA6250( )-56BL or CA6200( )-56BL, are blue. Metal couplings, P/N 14C33-( ), are purple.					

FIGURE 14: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 8 INSPECTION
(SHEET 2 OF 2)

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This Figure applies only to: Group 1, 3-4, 6-7, 10-13.

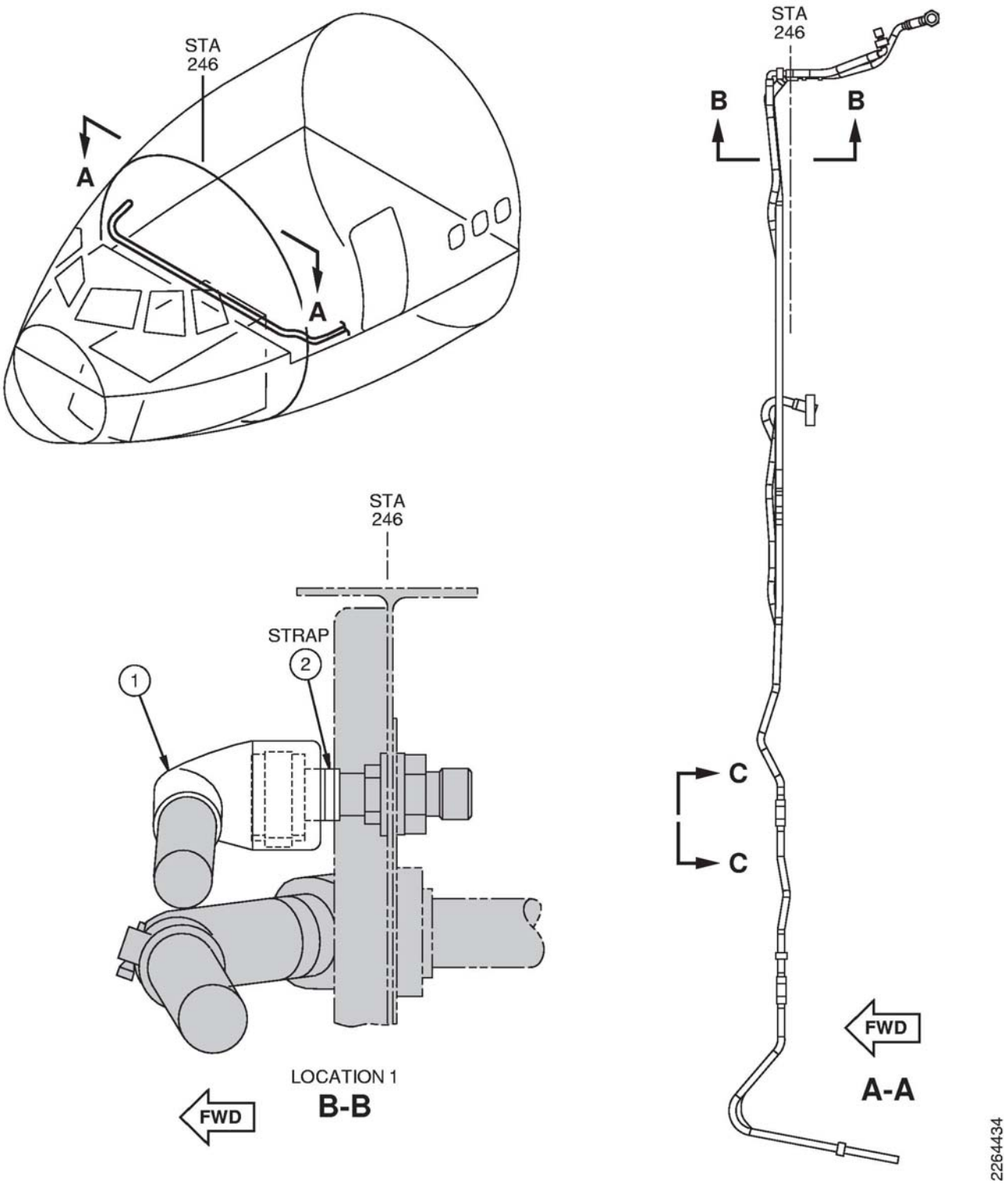
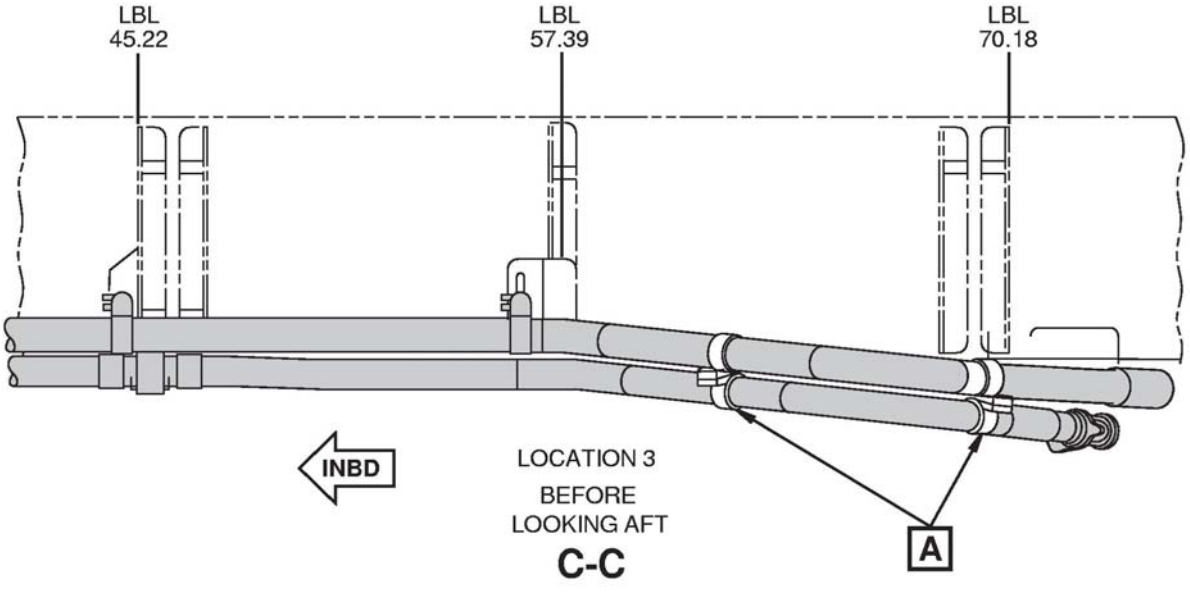
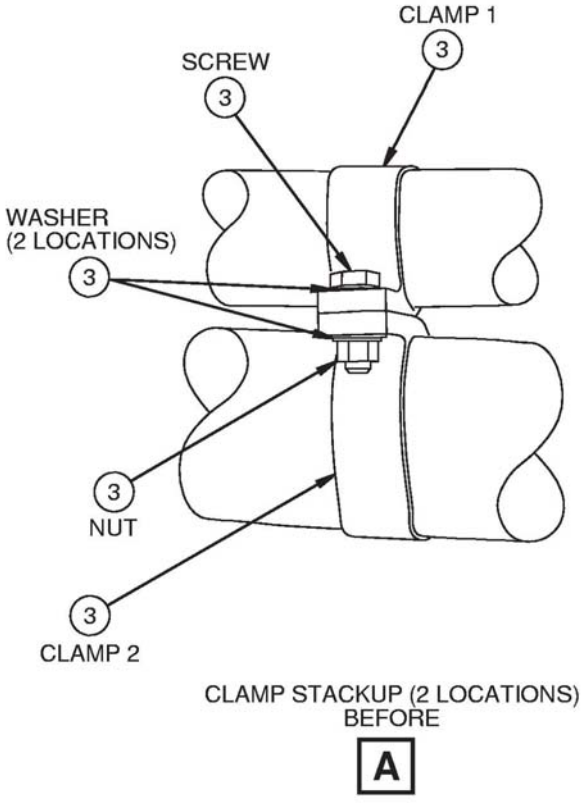


FIGURE 15: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 1 AND 3 SPRAY SHROUD INSTALLATION (SHEET 1 OF 6)

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FIGURE 15: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 1 AND 3 SPRAY SHROUD INSTALLATION (SHEET 2 OF 6)

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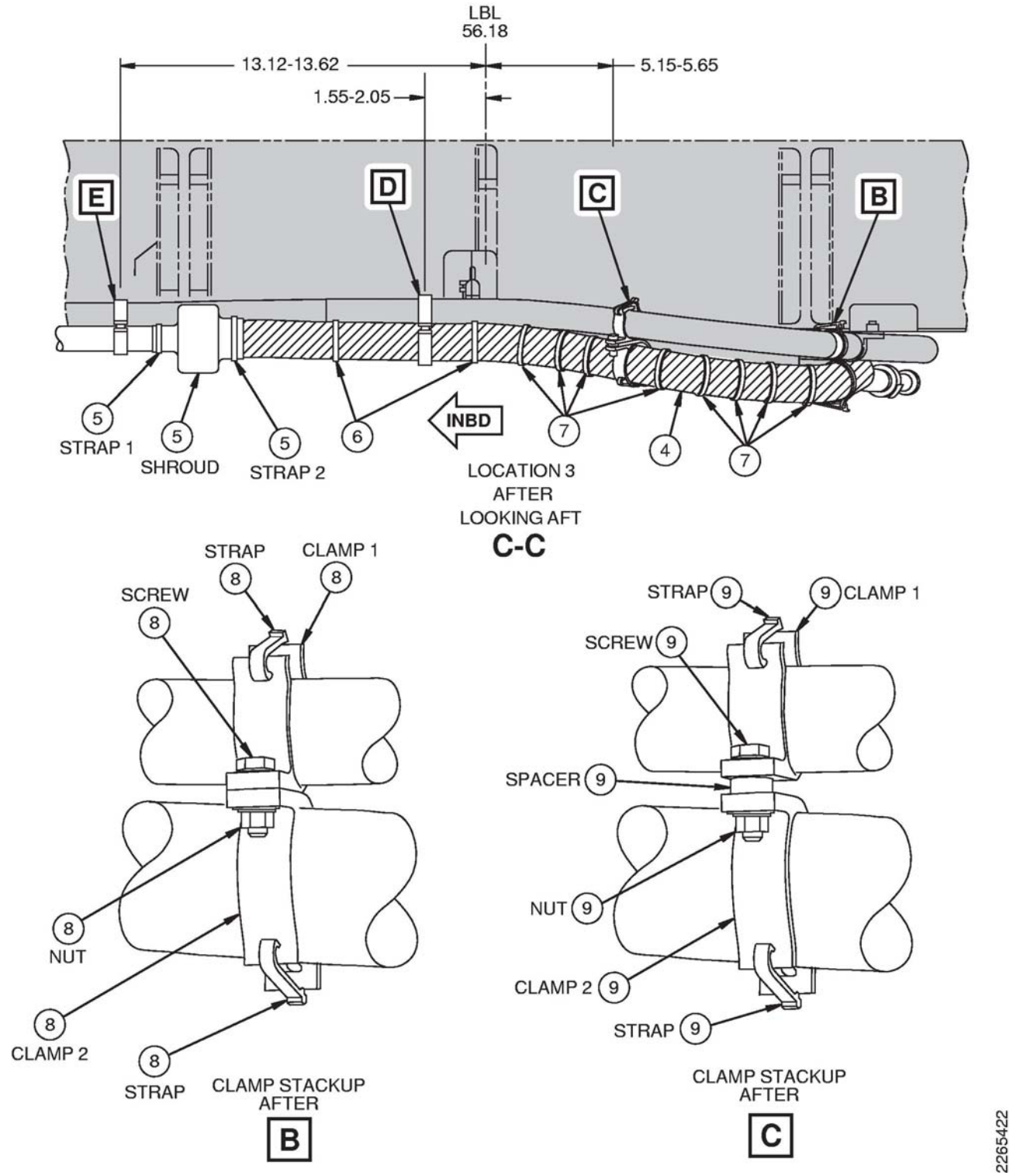
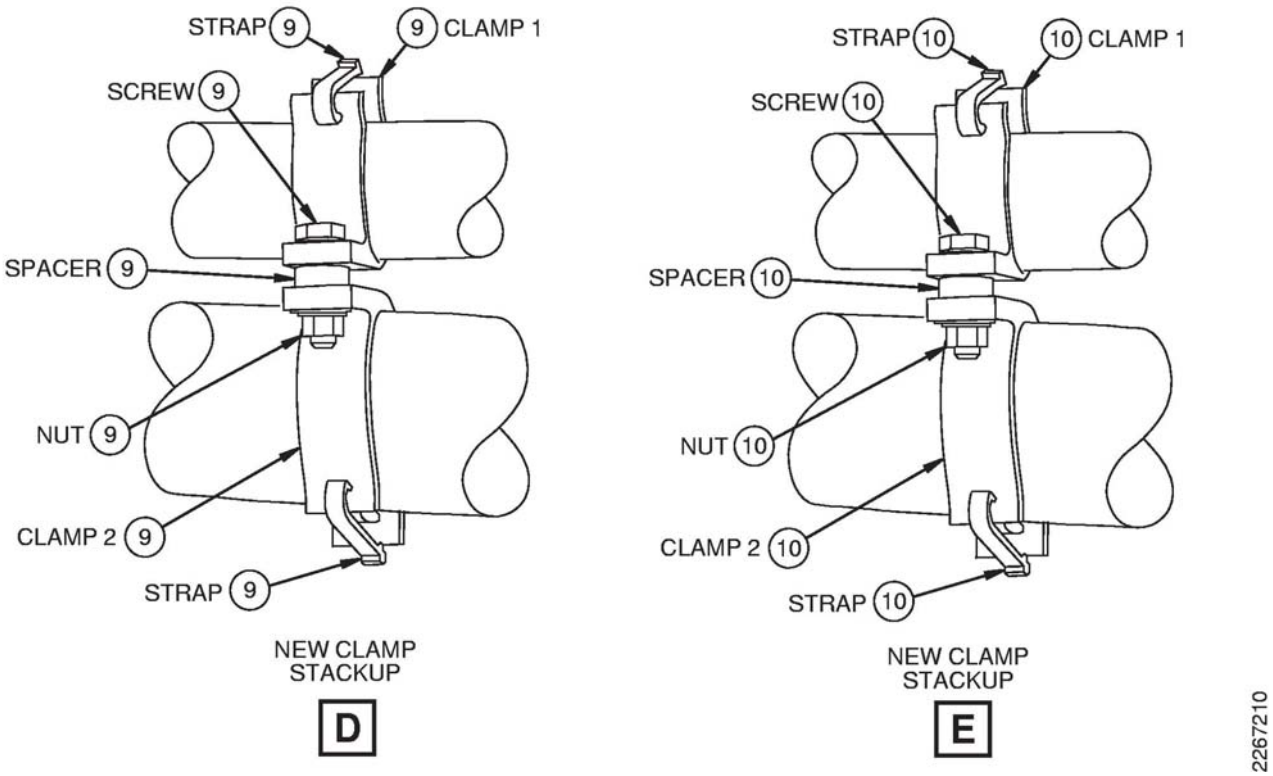


FIGURE 15: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 1 AND 3 SPRAY SHROUD INSTALLATION (SHEET 3 OF 6)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations can, possibly show plastic couplings, as background detail, in both BEFORE and AFTER overviews. Make sure metal couplings are installed, in accordance with PART 1 of this service bulletin, before this figure is done. Refer to APPENDIX B for more information to identify metal couplings.

Step	Task	Name	Identification	Qty	More Data
1	Install (New)	SHROUD	BOE2271-0003	1	Around the coupling at location 1.
2	Install (New)	STRAP	BACS38K1	1	Around the shroud, as shown. (a)
3	Remove	SCREW	BACS12GU3K13	2	
	Remove	NUT	BACN10YR3CD	2	
	Remove	WASHER	NAS1149D0332J	4	
	Remove	CLAMP 1	BACC10DK14	2	
	Remove	CLAMP 2	BACC10DK16	2	

FIGURE 15: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 1 AND 3 SPRAY SHROUD INSTALLATION (SHEET 4 OF 6)

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Step	Task	Name	Identification	Qty	More Data
4	Install (New)	SHROUD, WATER-LINE	77000-910-034	1	Around the water supply tubing, as shown. Locate the split in the shroud on the top side of the tubing.
5	Install (New)	SHROUD	BOE2225-0002	1	Around the coupling at location 3. Overlap the shroud, waterline, by 2.0 inch, plus or minus 0.5 inch.
	Install (New)	STRAP 1	BACS38K1	1	Use the strap to tighten the shroud around the water supply tubing at this end only. (b)
	Install (New)	STRAP 2	BACS38K1	1	Around the shroud and shroud, waterline, as shown. (b) (c) (d)
6	Install (New)	STRAPS	BACS38K1	-	Around the shroud, waterline. Start from Strap 2 as shown. Install one strap every 7 inches plus or minus 1 inch on straight tubing sections. (d)
7	Install (New)	STRAPS	BACS38K1	-	Around the shroud, waterline. Start from last strap on left installed in Step 6. Install one strap every 3 inches plus or minus 1 inch on curved tubing sections. (d)

FIGURE 15: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 1 AND 3 SPRAY SHROUD INSTALLATION (SHEET 5 OF 6)

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Step	Task	Name	Identification	Qty	More Data
8	Install (New)	SCREW	BACS12GU3K13	1	
	Install (New)	CLAMP 1	NMC1005-5	1	Around the upper water drain tubing, as shown.
	Install (New)	CLAMP 2	NMC1005-6	1	Around the shroud, waterline, as shown.
	Install (New)	NUT	BACN10YR3CD	1	Torque to 20 to 25 in-lb.
	Install (New)	STRAP	BACS38K1	2	
9	Install (New)	SCREW	BACS12GU3K16	2	
	Install (New)	CLAMP 1	NMC1005-5	2	Around the upper water drain tubing, as shown.
	Install (New)	SPACER	NAS42DD6-20FC	2	
	Install (New)	CLAMP 2	NMC1005-6	2	Around the shroud, waterline, as shown.
	Install (New)	NUT	BACN10YR3CD	2	Torque to 20 to 25 in-lb.
	Install (New)	STRAP	BACS38K1	4	
10	Install (New)	SCREW	BACS12GU3K21	1	
	Install (New)	CLAMP 1	NMC1005-5	1	Around the upper water drain tubing, as shown.
	Install (New)	SPACER	NAS42DD6-41FC	1	
	Install (New)	CLAMP 2	NMC1005-4	1	Around the water supply tubing, as shown.
	Install (New)	NUT	BACN10YR3CD	1	Torque to 20 to 25 in-lb.
	Install (New)	STRAP	BACS38K1	2	
(a) Locate the strap around the shroud 0.25 inch, plus or minus 0.10 inch, from the aft edge of the shroud.					
(b) Locate the strap around the shroud 0.25 inch, plus or minus 0.10 inch, from the inboard or outboard edge of the shroud.					
(c) Make sure there is a 1 inch plus or minus 0.5 inch overlap between the shrouds.					
(d) Make sure not to collapse the shrouds.					

FIGURE 15: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 1 AND 3 SPRAY SHROUD INSTALLATION (SHEET 6 OF 6)

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This Figure applies only to: Group 1-2, 9, 11.

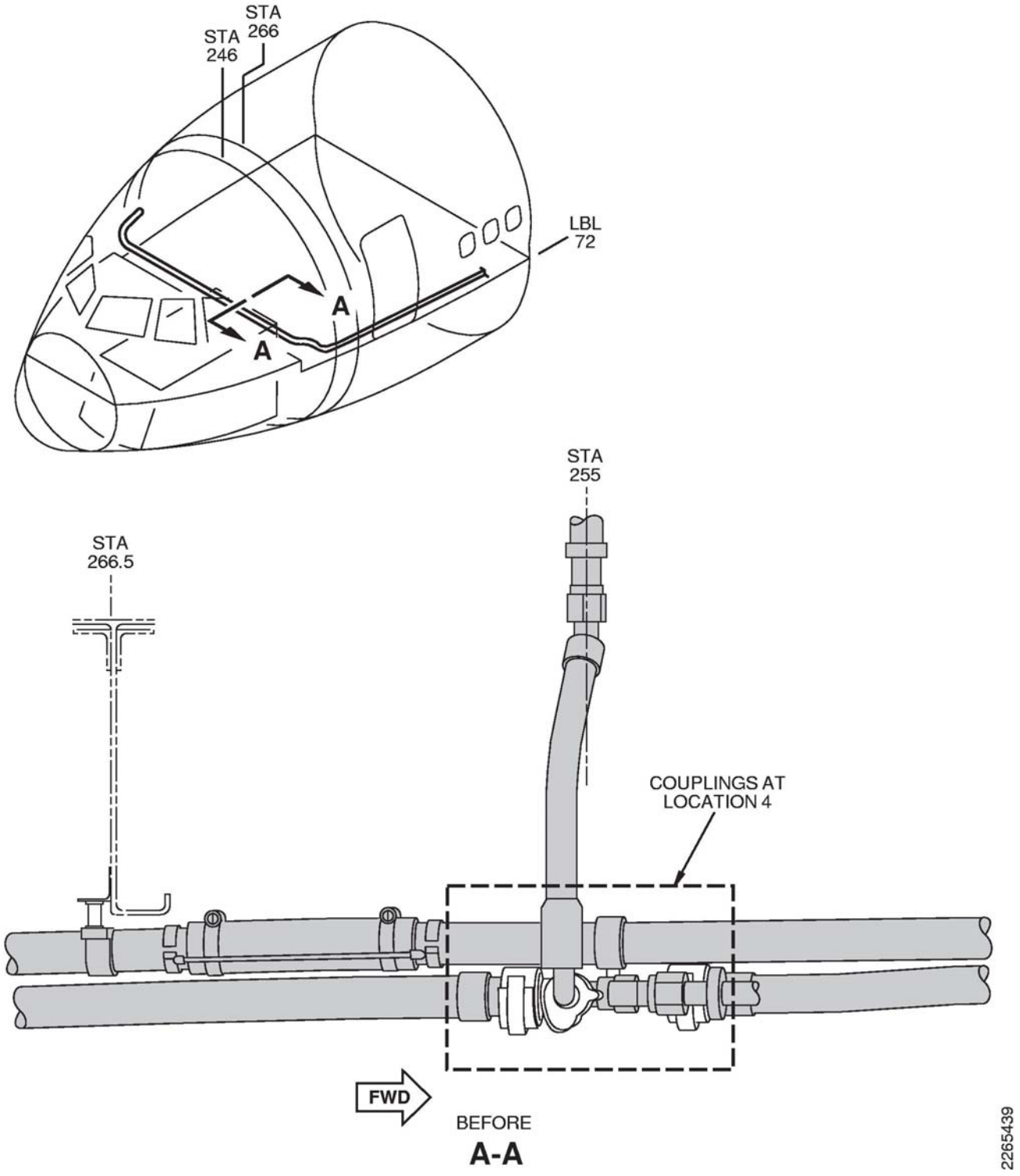


FIGURE 16: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 SPRAY SHIELD INSTALLATION (SHEET 1 OF 3)

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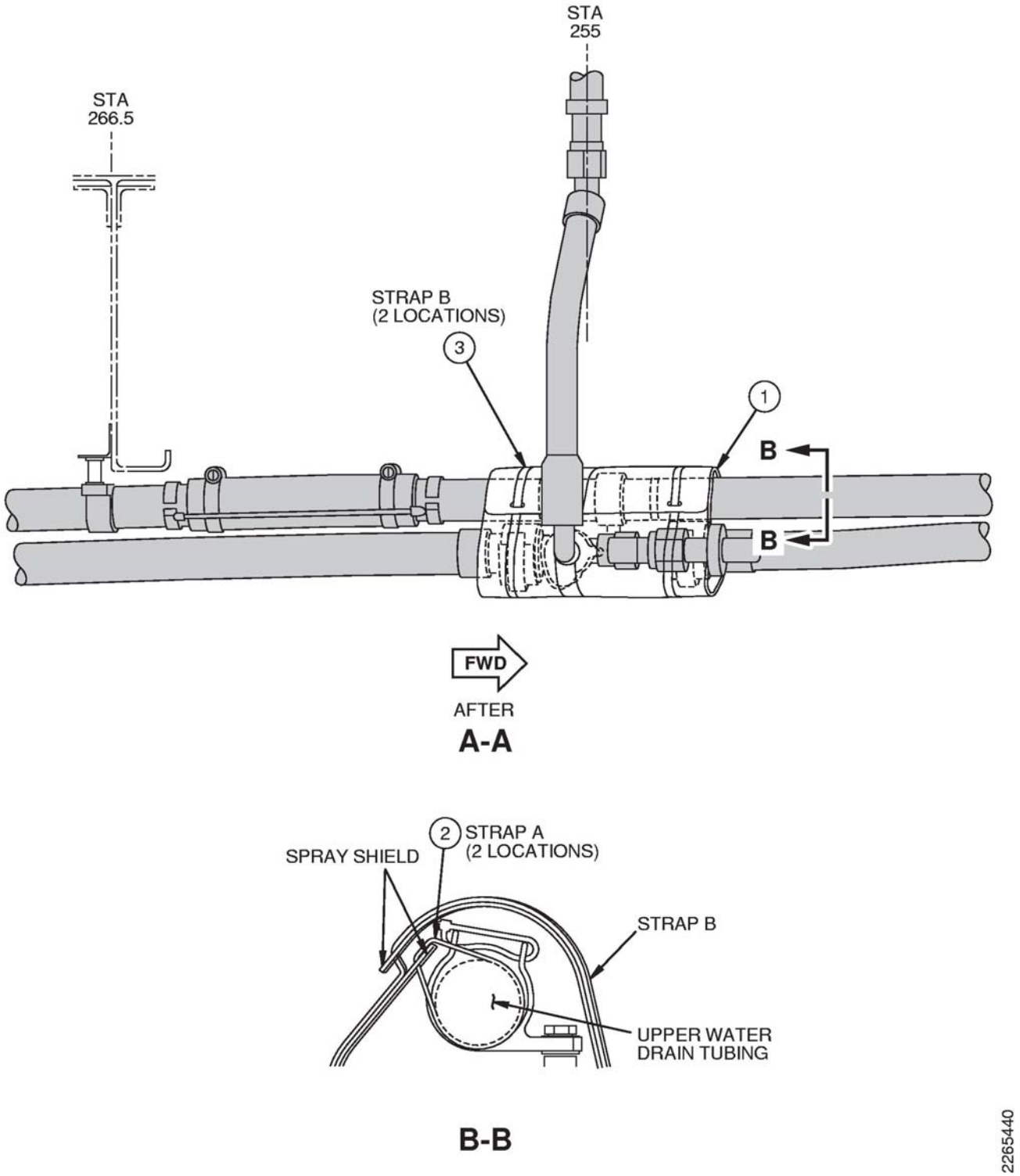


FIGURE 16: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 SPRAY SHIELD INSTALLATION (SHEET 2 OF 3)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations can, possibly show plastic couplings, as background detail, in both BEFORE and AFTER overviews. Make sure metal couplings are installed, in accordance with PART 1 of this service bulletin, before this figure is done. Refer to APPENDIX B for more information to identify metal couplings.

Step	Task	Name	Identification	Qty	More Data
1	Install (New)	SPRAY SHIELD	417T2080-11	1	Around all the couplings at location 4. (a)
2	Install (New)	STRAP A	BACS38K1	2	Through the spray shield, and around the upper water drain tubing as shown. (a) (b)
3	Install (New)	STRAP B	BACS38K7	2	Through and around the spray shield, as shown. (a) (c)
(a) Make sure all couplings at Location 4 are inside the installed spray shield.					
(b) Use the pair of holes at the split side of the spray shield.					
(c) Use the pair of holes opposite the split side of the spray shield.					

FIGURE 16: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 SPRAY SHIELD INSTALLATION (SHEET 3 OF 3)

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This Figure applies only to: Group 4-6, 10, 12-13.

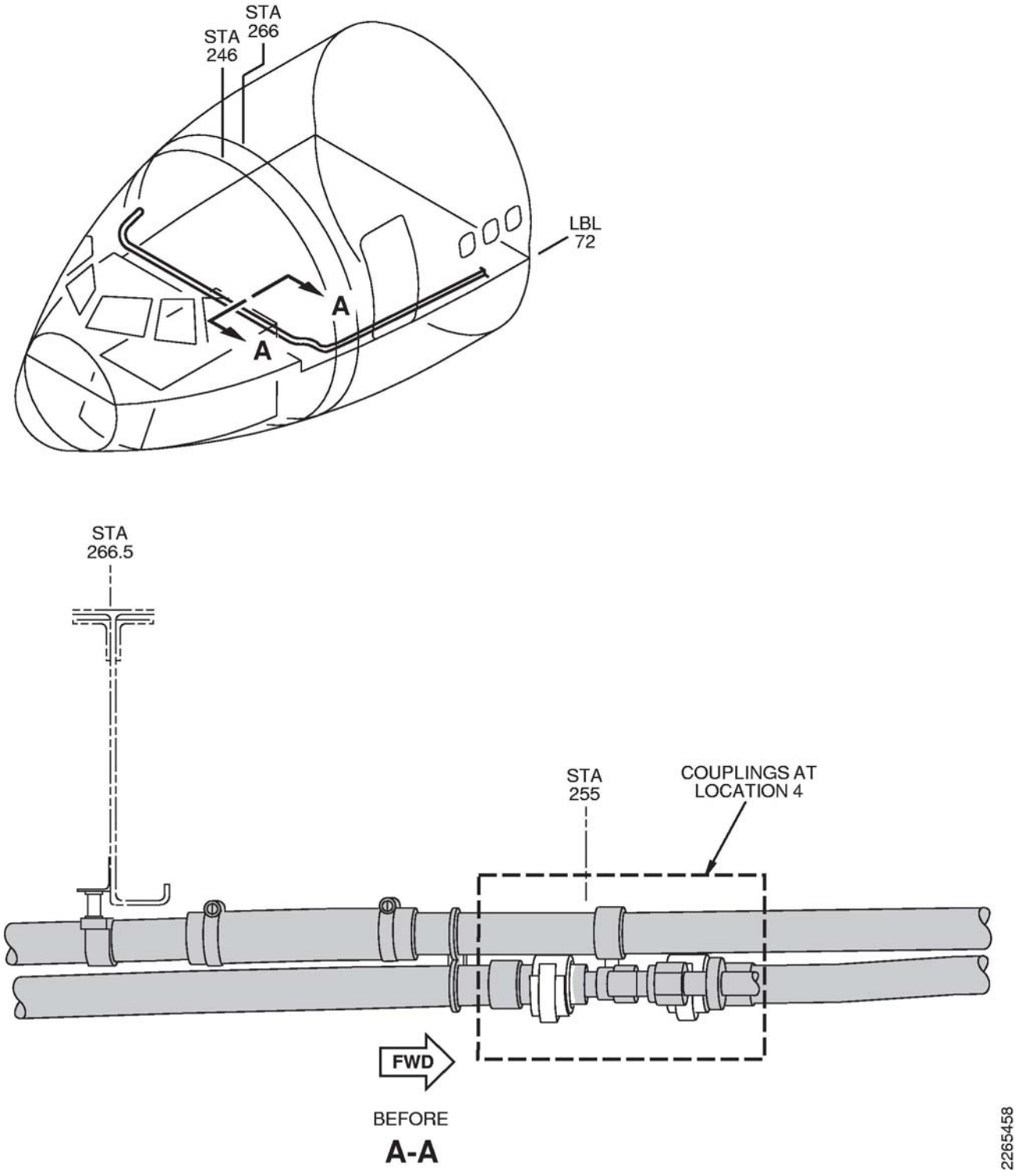


FIGURE 17: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 SPRAY SHIELD INSTALLATION (SHEET 1 OF 3)

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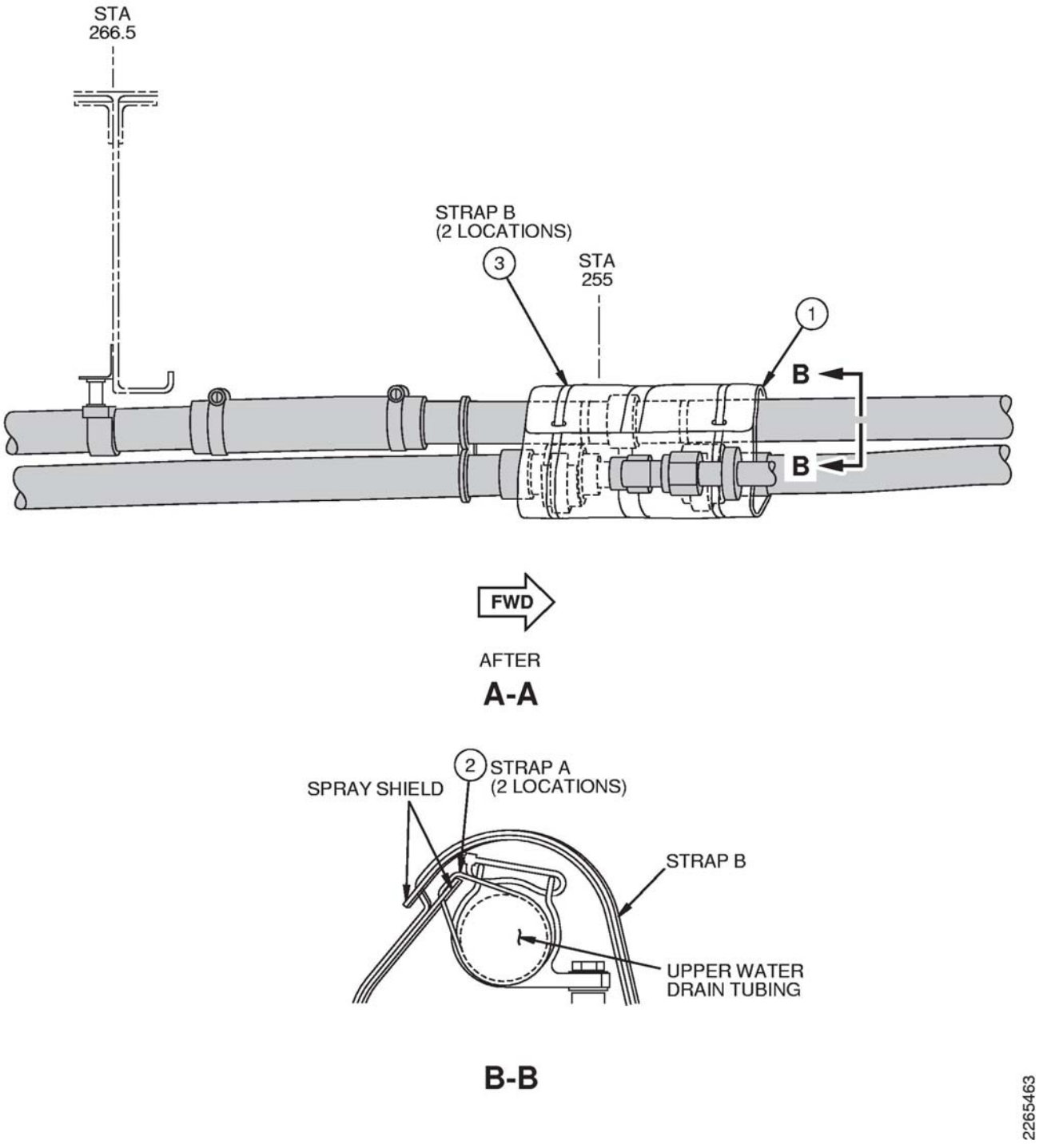


FIGURE 17: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 SPRAY SHIELD INSTALLATION (SHEET 2 OF 3)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations can, possibly show plastic couplings, as background detail, in both BEFORE and AFTER overviews. Make sure metal couplings are installed, in accordance with PART 1 of this service bulletin, before this figure is done. Refer to APPENDIX B for more information to identify metal couplings.

Step	Task	Name	Identification	Qty	More Data
1	Install (New)	SPRAY SHIELD	417T2080-10	1	Around all the couplings at location 4. (a)
2	Install (New)	STRAP A	BACS38K1	2	Through the spray shield, and around the upper water drain tubing as shown. (a) (b)
3	Install (New)	STRAP B	BACS38K7	2	Through and around the spray shield, as shown. (a) (c)
(a) Make sure all couplings at Location 4 are inside the installed spray shield.					
(b) Use the pair of holes at the split side of the spray shield.					
(c) Use the pair of holes opposite the split side of the spray shield.					

FIGURE 17: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 SPRAY SHIELD INSTALLATION (SHEET 3 OF 3)

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This Figure applies only to: Group 7-8.

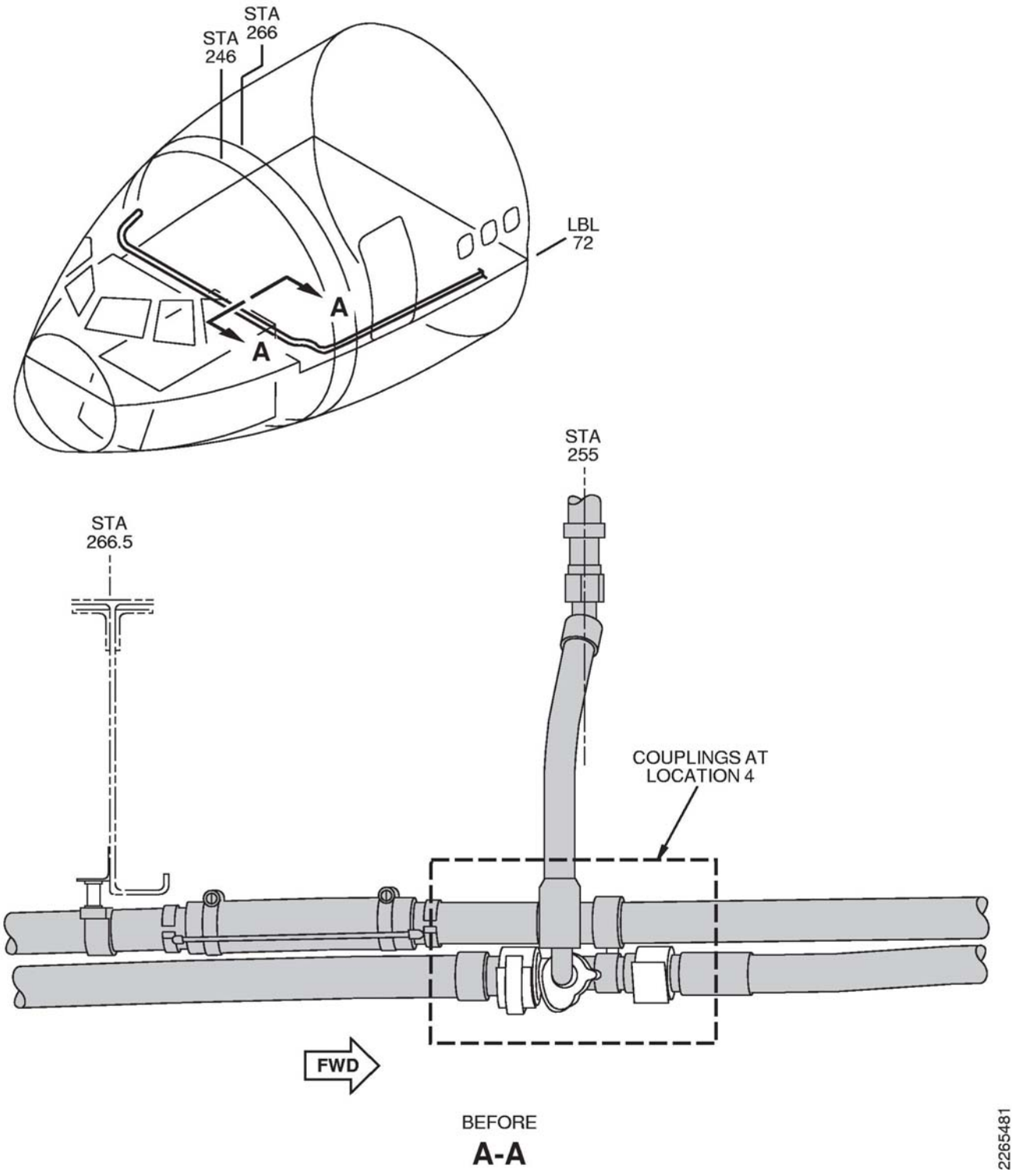


FIGURE 18: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 SPRAY SHIELD INSTALLATION (SHEET 1 OF 3)

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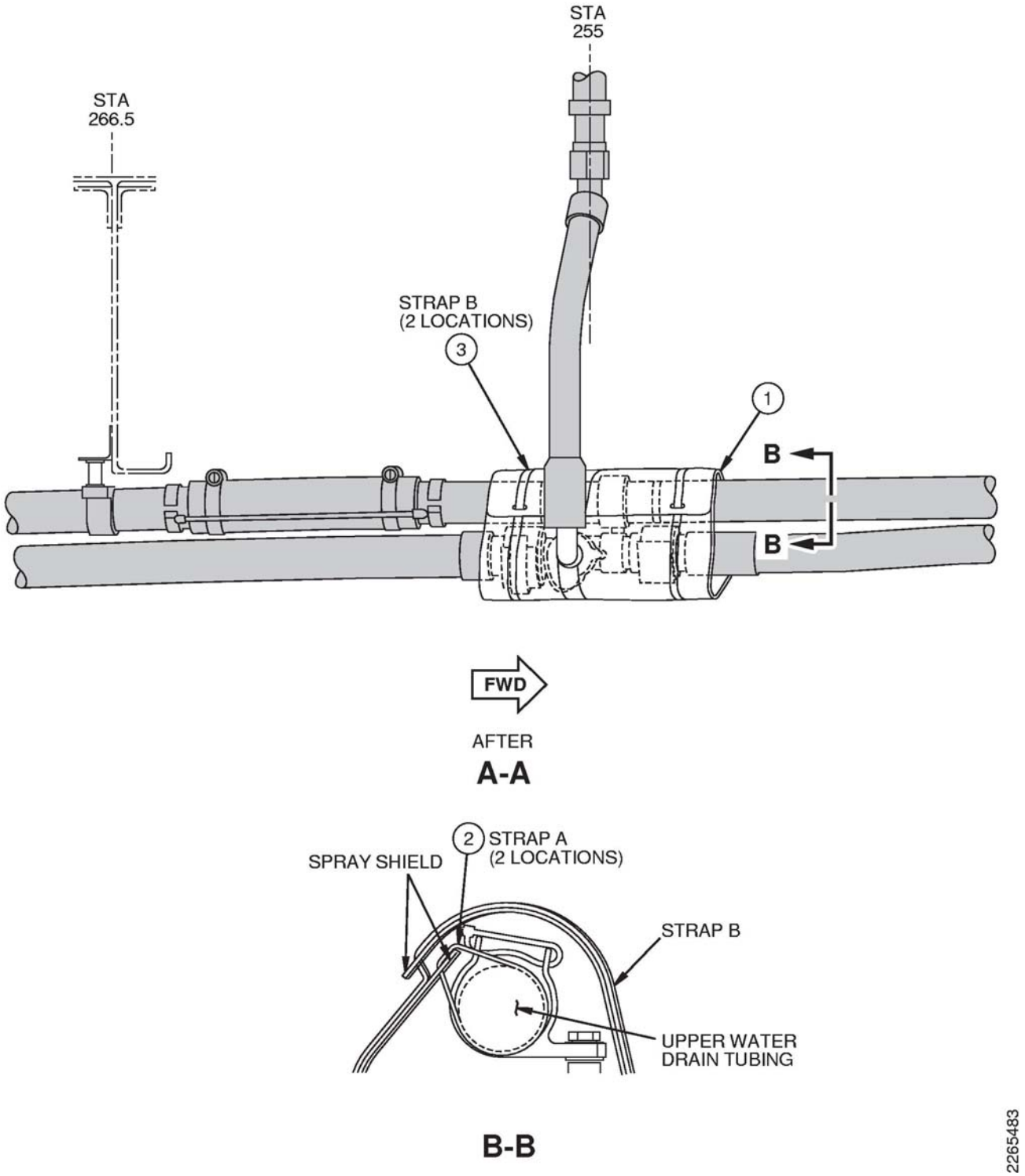


FIGURE 18: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 SPRAY SHIELD INSTALLATION (SHEET 2 OF 3)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations can, possibly show plastic couplings, as background detail, in both BEFORE and AFTER overviews. Make sure metal couplings are installed, in accordance with PART 1 of this service bulletin, before this figure is done. Refer to APPENDIX B for more information to identify metal couplings.

Step	Task	Name	Identification	Qty	More Data
1	Install (New)	SPRAY SHIELD	417T2080-10	1	Around all the couplings at location 4. (a)
2	Install (New)	STRAP A	BACS38K1	2	Through the spray shield, and around the upper water drain tubing as shown. (a) (b)
3	Install (New)	STRAP B	BACS38K7	2	Through and around the spray shield, as shown. (a) (c)
(a) Make sure all couplings at Location 4 are inside the installed spray shield.					
(b) Use the pair of holes at the split side of the spray shield.					
(c) Use the pair of holes opposite the split side of the spray shield.					

FIGURE 18: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 SPRAY SHIELD INSTALLATION (SHEET 3 OF 3)

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This Figure applies only to: Group 3.

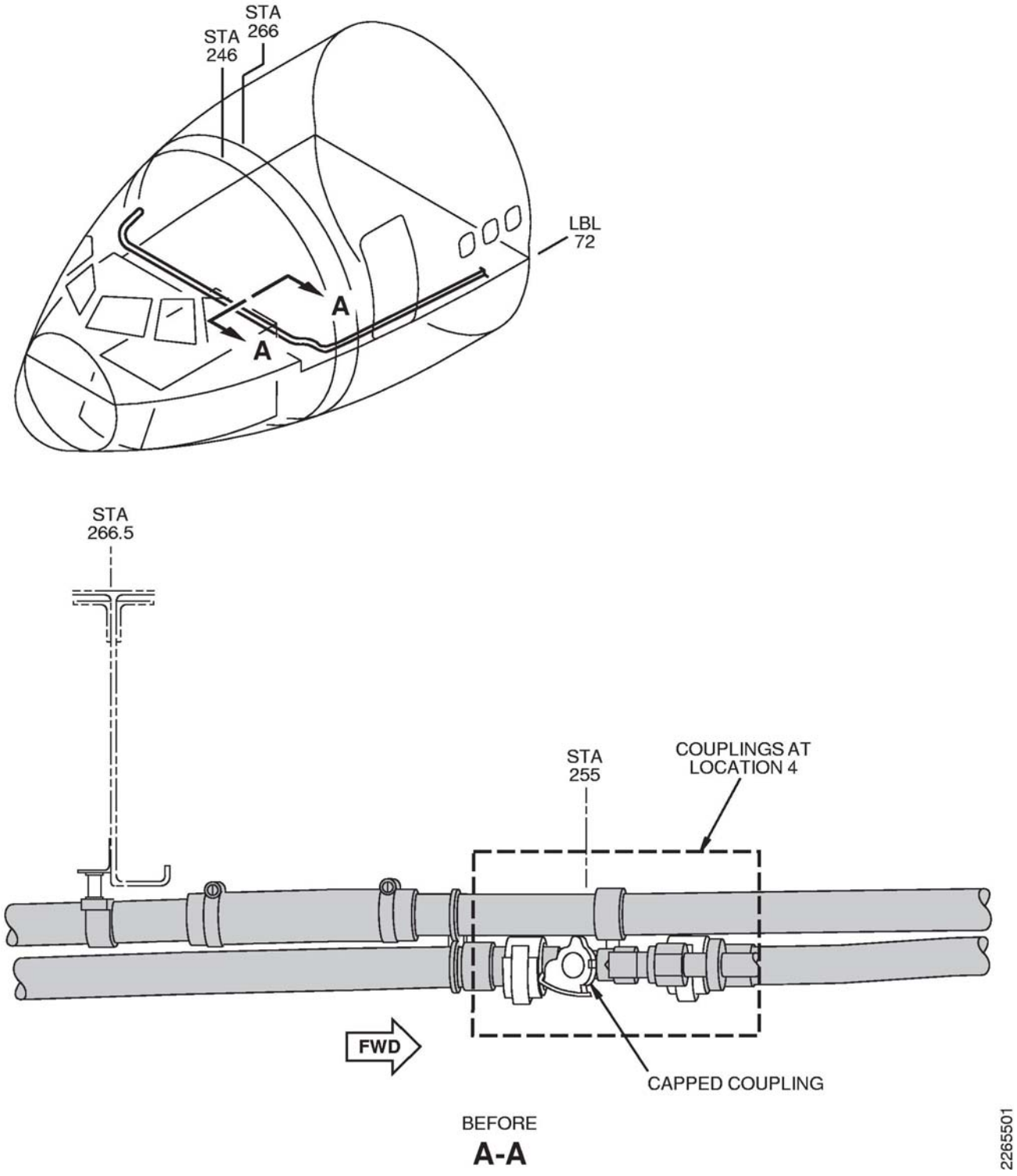
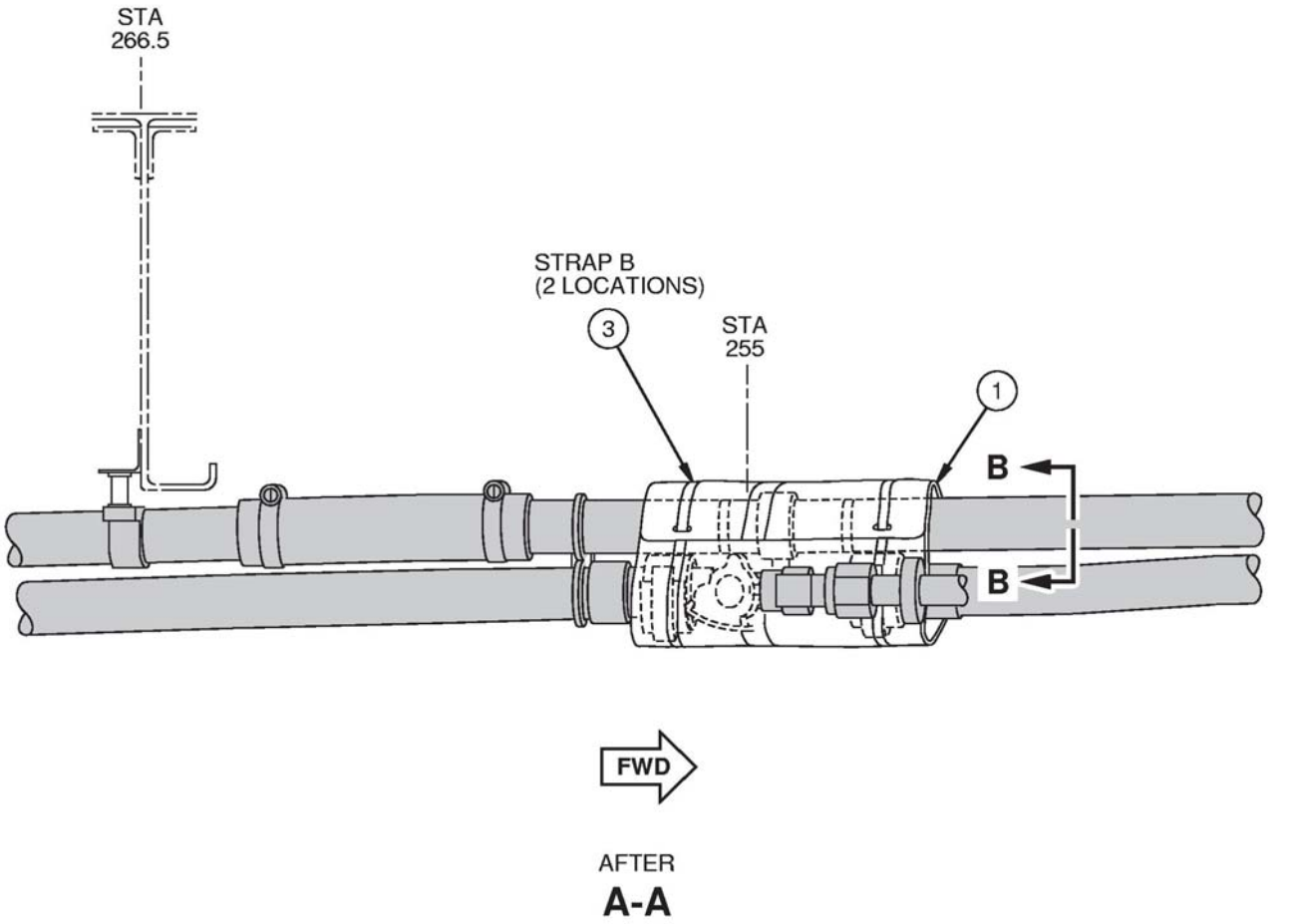
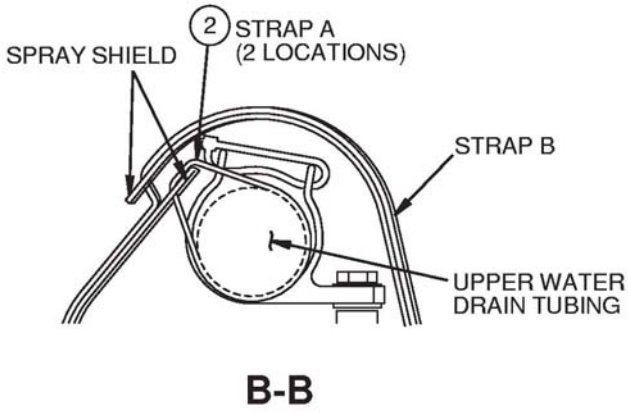


FIGURE 19: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 SPRAY SHIELD INSTALLATION (SHEET 1 OF 3)

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FIGURE 19: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 SPRAY SHIELD INSTALLATION (SHEET 2 OF 3)

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NOTE: Illustrations can, possibly show plastic couplings, as background detail, in both BEFORE and AFTER overviews. Make sure metal couplings are installed, in accordance with PART 1 of this service bulletin, before this figure is done. Refer to APPENDIX B for more information to identify metal couplings.

Step	Task	Name	Identification	Qty	More Data
1	Install (New)	SPRAY SHIELD	417T2080-11	1	Around all the couplings at location 4. (a)
2	Install (New)	STRAP A	BACS38K1	2	Through the spray shield, and around the upper water drain tubing as shown. (a) (b)
3	Install (New)	STRAP B	BACS38K7	2	Through and around the spray shield, as shown. (a) (c)
(a) Make sure all couplings at Location 4 are inside the installed spray shield.					
(b) Use the pair of holes at the split side of the spray shield.					
(c) Use the pair of holes opposite the split side of the spray shield.					

FIGURE 19: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 SPRAY SHIELD INSTALLATION (SHEET 3 OF 3)

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This Figure applies only to: Group 1-2, 7-8, 11-12.

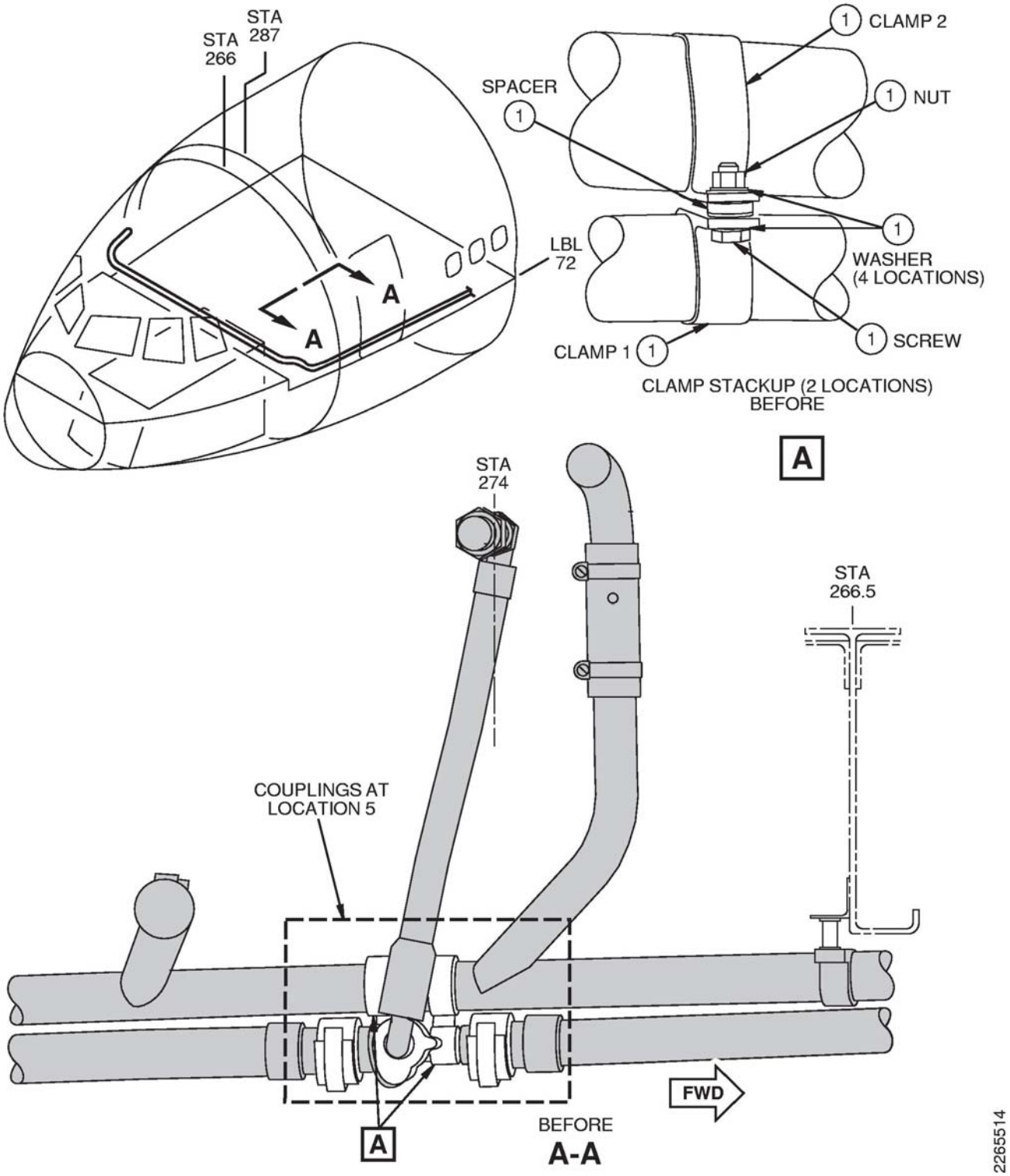


FIGURE 20: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHIELD INSTALLATION (SHEET 1 OF 4)

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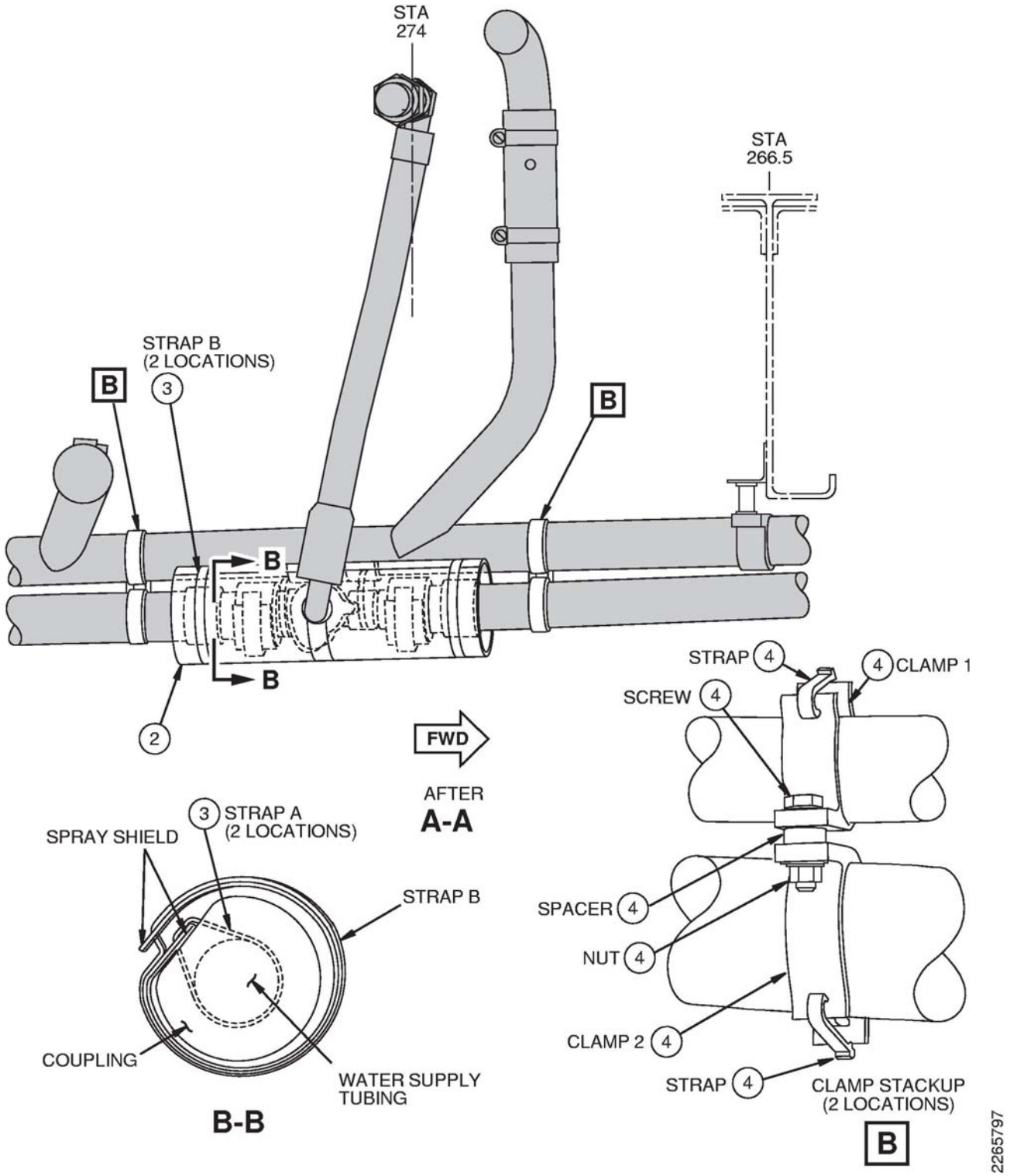


FIGURE 20: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHIELD INSTALLATION (SHEET 2 OF 4)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations can, possibly show plastic couplings, as background detail, in both BEFORE and AFTER overviews. Make sure metal couplings are installed, in accordance with PART 1 of this service bulletin, before this figure is done. Refer to APPENDIX B for more information to identify metal couplings.

Step	Task	Name	Identification	Qty	More Data
1	Remove	SCREW	BACS12GU3K17	2	
	Remove	NUT	BACN10YR3CD	2	
	Remove	WASHER	NAS1149D0332J	8	
	Remove	CLAMP 1	BACC10DK12	2	
	Remove	SPACER	NAS43DD3-12FC	2	
	Remove	CLAMP 2	BACC10DK16	2	
2	Install (New)	SPRAY SHIELD	417T2080-9	1	Around all the couplings at location 5. (a)
3	Install (New)	STRAP A	BACS38K1	2	Through the spray shield and around the water supply tubing, as shown. (a) (b)
	Install (New)	STRAP B	BACS38K7	2	Through and around the spray shield, as shown. (a) (c)
4	Install (New)	SCREW	BACS12GU3K16	2	
	Install (New)	CLAMP 1	NMC1005-5	2	Around the upper water drain tubing, as shown. (d)
	Install (New)	SPACER	NAS42DD6-6FC	2	
	Install (New)	CLAMP 2	NMC1005-5	2	Around the water supply tubing as shown. (d)
	Install (New)	NUT	BACN10YR3CD	2	Torque to 20 to 25 in-lb.
	Install (New)	STRAP	BACS38K1	4	
(a) Make sure all couplings at Location 5 are inside the installed spray shield.					
(b) Use the pair of holes at the split side of the spray shield.					
(c) Use the pair of holes opposite the split side of the spray shield.					

FIGURE 20: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHIELD INSTALLATION (SHEET 3 OF 4)

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Step	Task	Name	Identification	Qty	More Data
(d) Locate each clamp assembly 2 inches, plus or minus 1 inch, away from the forward or aft edge of the adjacent spray shield.					

FIGURE 20: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHIELD INSTALLATION (SHEET 4 OF 4)

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This Figure applies only to: Group 4-5, 12.

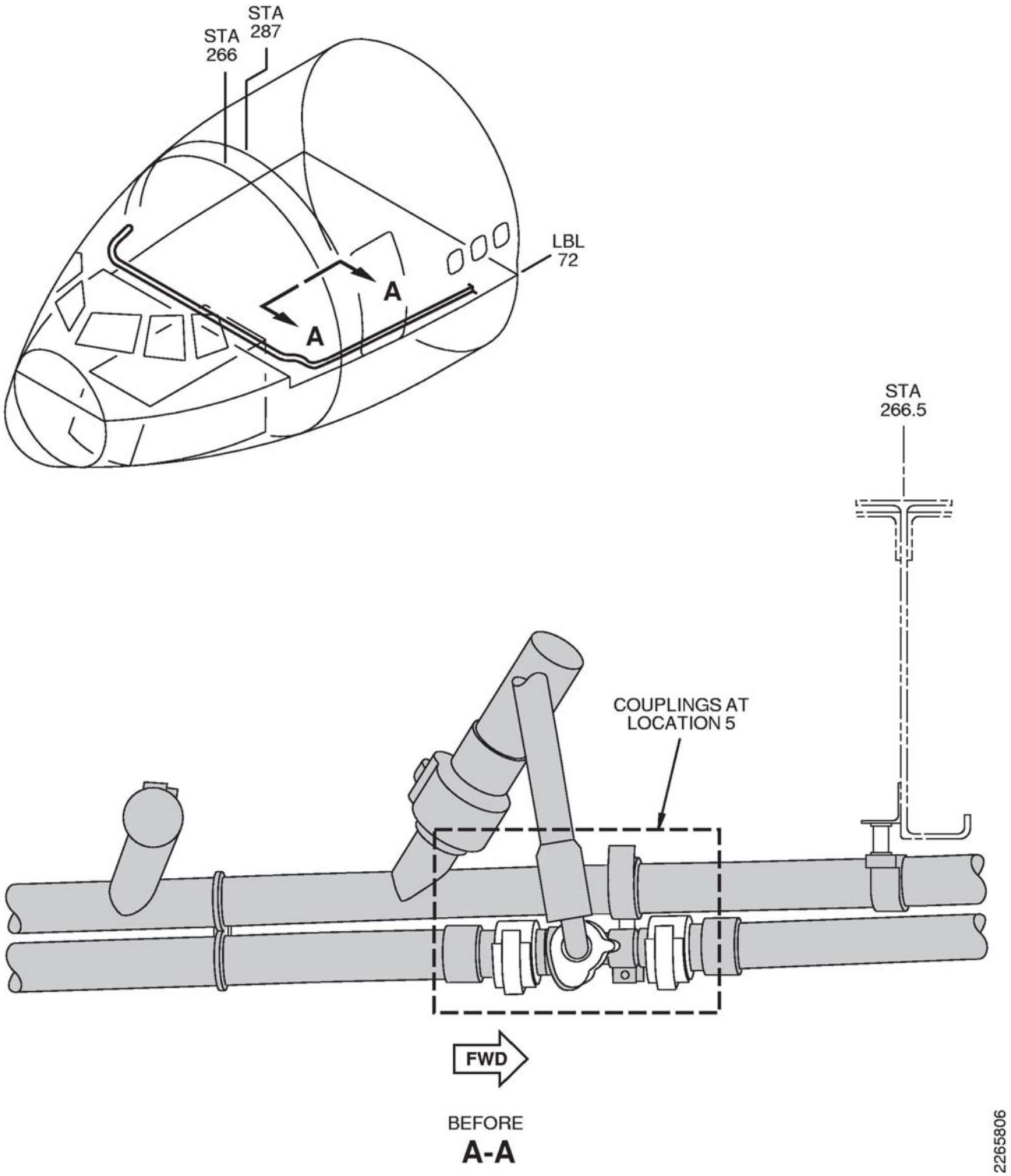


FIGURE 21: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHIELD INSTALLATION (SHEET 1 OF 3)

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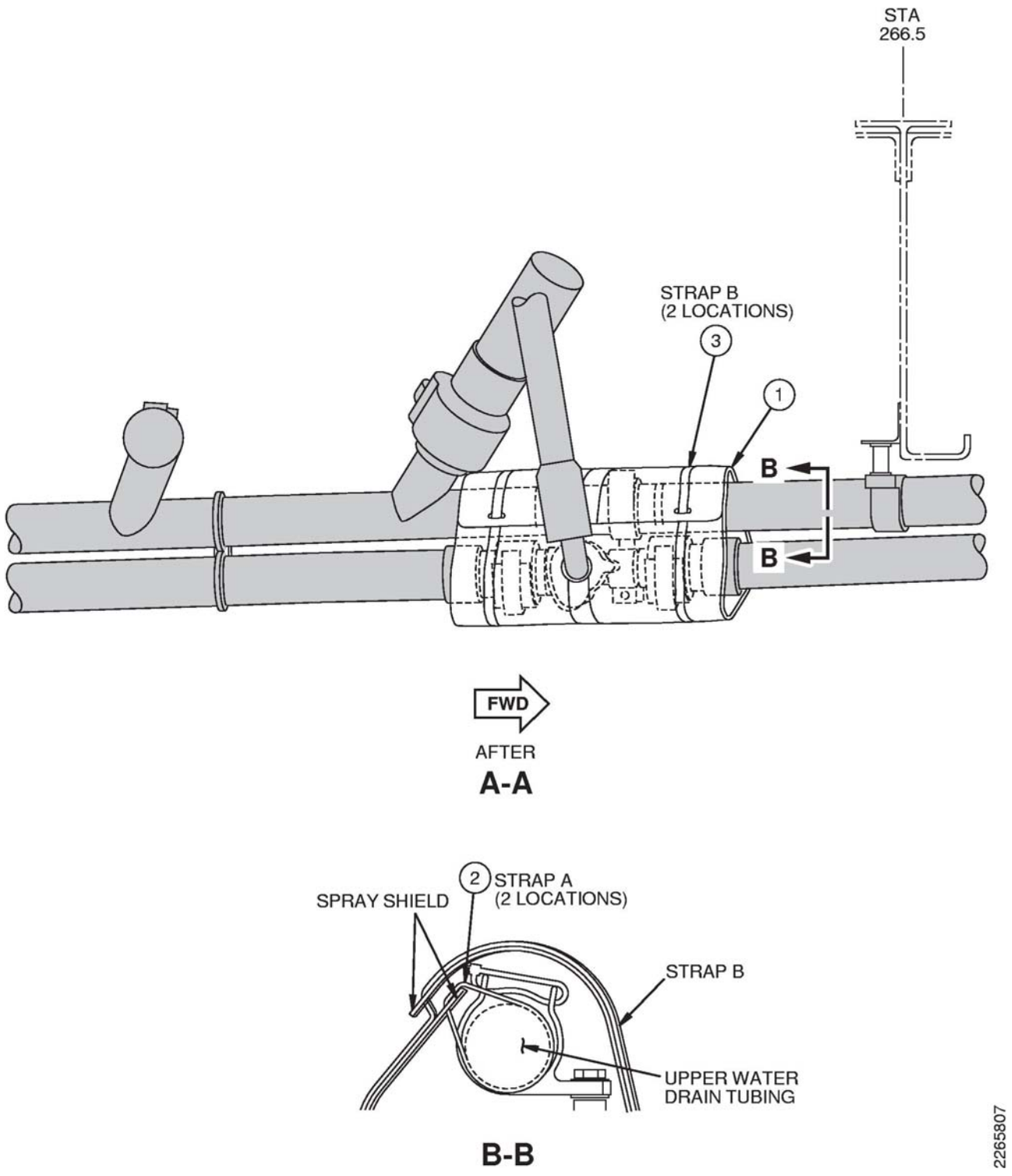


FIGURE 21: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHIELD INSTALLATION (SHEET 2 OF 3)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations can, possibly show plastic couplings, as background detail, in both BEFORE and AFTER overviews. Make sure metal couplings are installed, in accordance with PART 1 of this service bulletin, before this figure is done. Refer to APPENDIX B for more information to identify metal couplings.

Step	Task	Name	Identification	Qty	More Data
1	Install (New)	SPRAY SHIELD	417T2080-7	1	Around all the couplings at location 5. (a)
2	Install (New)	STRAP A	BACS38K1	2	Through the spray shield, and around the upper water drain tubing as shown. (a)
3	Install (New)	STRAP B	BACS38K7	2	Through and around the spray shield, as shown. (a)
(a) Make sure all couplings at Location 5 are inside the installed spray shield.					
(b) Use the pair of holes at the split side of the spray shield.					
(c) Use the pair of holes opposite the split side of the spray shield.					

FIGURE 21: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHIELD INSTALLATION (SHEET 3 OF 3)

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This Figure applies only to: Group 9.

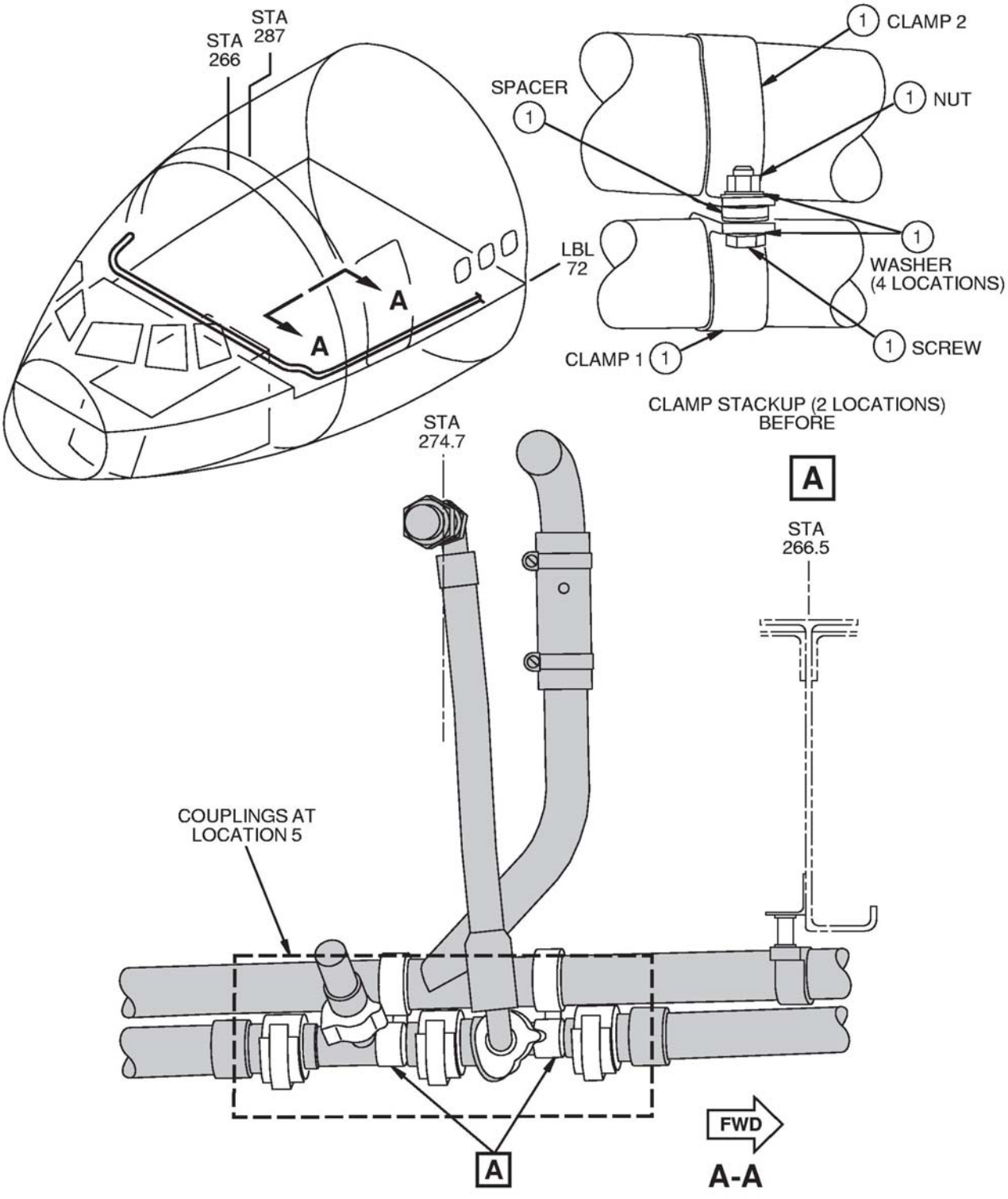


FIGURE 22: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHIELD INSTALLATION (SHEET 1 OF 4)

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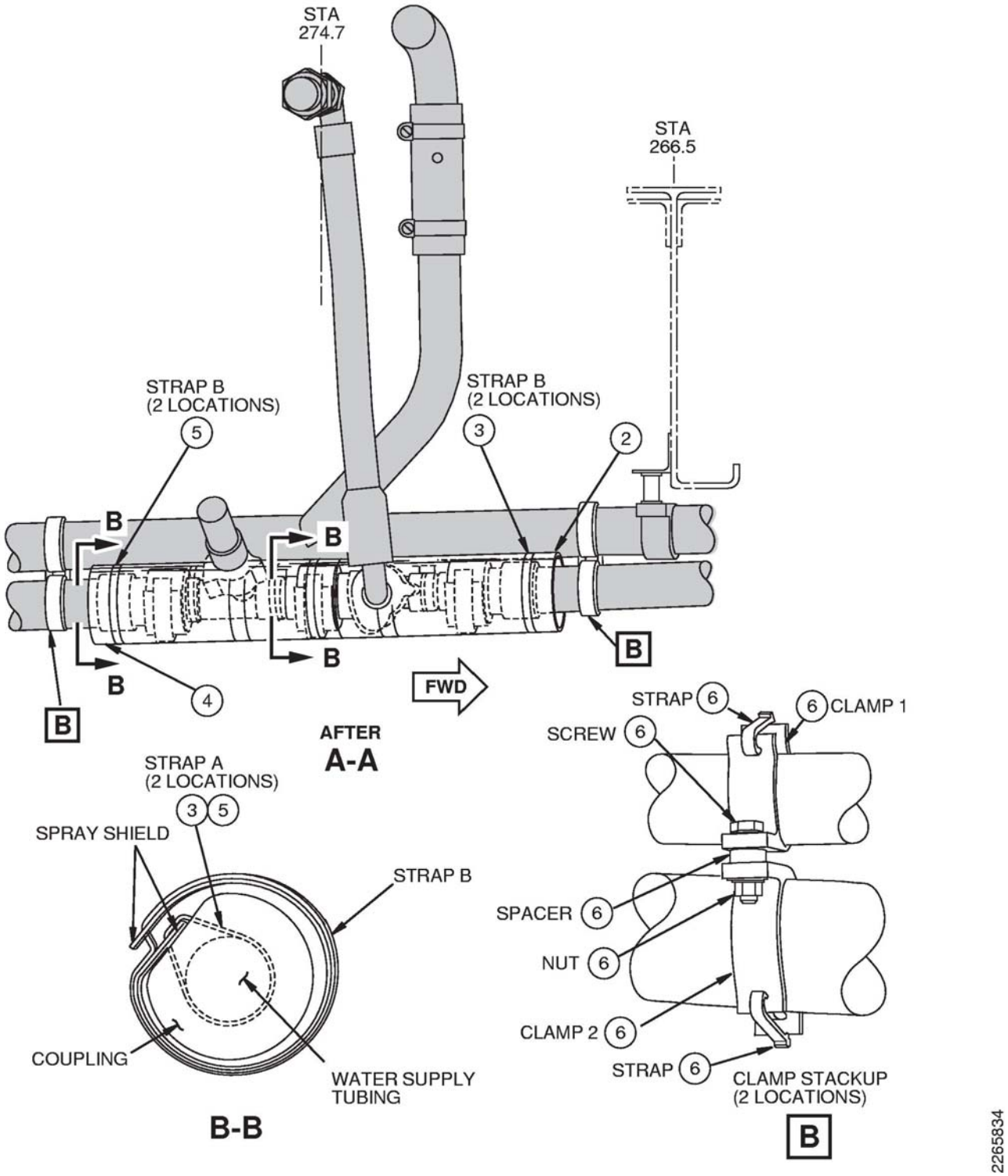


FIGURE 22: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHIELD INSTALLATION (SHEET 2 OF 4)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations can, possibly show plastic couplings, as background detail, in both BEFORE and AFTER overviews. Make sure metal couplings are installed, in accordance with PART 1 of this service bulletin, before this figure is done. Refer to APPENDIX B for more information to identify metal couplings.

Step	Task	Name	Identification	Qty	More Data
1	Remove	SCREW	BACS12GU3K17	2	
	Remove	NUT	BACN10YR3CD	2	
	Remove	WASHER	NAS1149D0332J	8	
	Remove	CLAMP 1	BACC10DK12	2	
	Remove	SPACER	NAS43DD3-12FC	2	
	Remove	CLAMP 2	BACC10DK16	2	
2	Install (New)	SPRAY SHIELD	417T2080-9	1	Around the couplings at location 5, as shown. (a)
3	Install (New)	STRAP A	BACS38K1	2	Through the spray shield and around the water supply tubing, as shown. (a) (b)
	Install (New)	STRAP B	BACS38K7	2	Through and around the spray shield, as shown. (a) (c)
4	Install (New)	SPRAY SHIELD	417T2080-9	1	Around the couplings at location 5, as shown. (a)
5	Install (New)	STRAP A	BACS38K1	2	Through the spray shield and around the water supply tubing, as shown. (a) (b)
	Install (New)	STRAP B	BACS38K7	2	Through and around the spray shield, as shown. (a) (c)

FIGURE 22: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHIELD INSTALLATION (SHEET 3 OF 4)

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Step	Task	Name	Identification	Qty	More Data
6	Install (New)	SCREW	BACS12GU3K16	2	
	Install (New)	CLAMP 1	NMC1005-5	2	Around the upper water drain tubing, as shown. (d)
	Install (New)	SPACER	NAS42DD6-6FC	2	
	Install (New)	CLAMP 2	NMC1005-5	2	Around the water supply tubing as shown. (d)
	Install (New)	NUT	BACN10YR3CD	2	Torque to 20 to 25 in-lb.
	Install (New)	STRAP	BACS38K1	4	

(a) Make sure all couplings at Location 5 are inside one or both of the two installed spray shields.

(b) Use the pair of holes at the split side of the spray shield.

(c) Use the pair of holes opposite the split side of the spray shield.

(d) Locate each clamp assembly 2 inches, plus or minus 1 inch, away from the forward or aft edge of the adjacent spray shield.

FIGURE 22: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHIELD INSTALLATION (SHEET 4 OF 4)

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This Figure applies only to: Group 10.

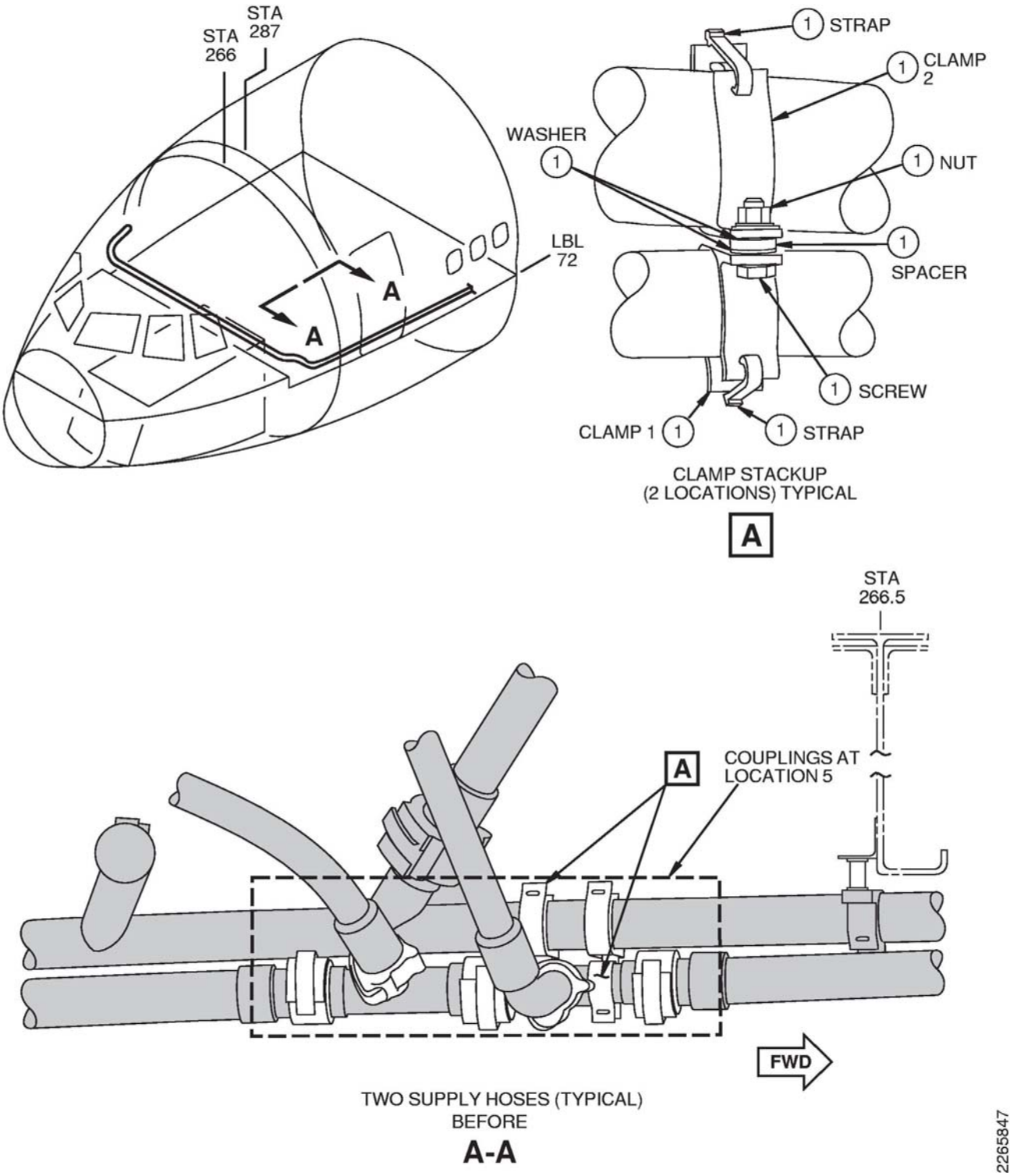


FIGURE 23: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHIELD INSTALLATION (SHEET 1 OF 4)

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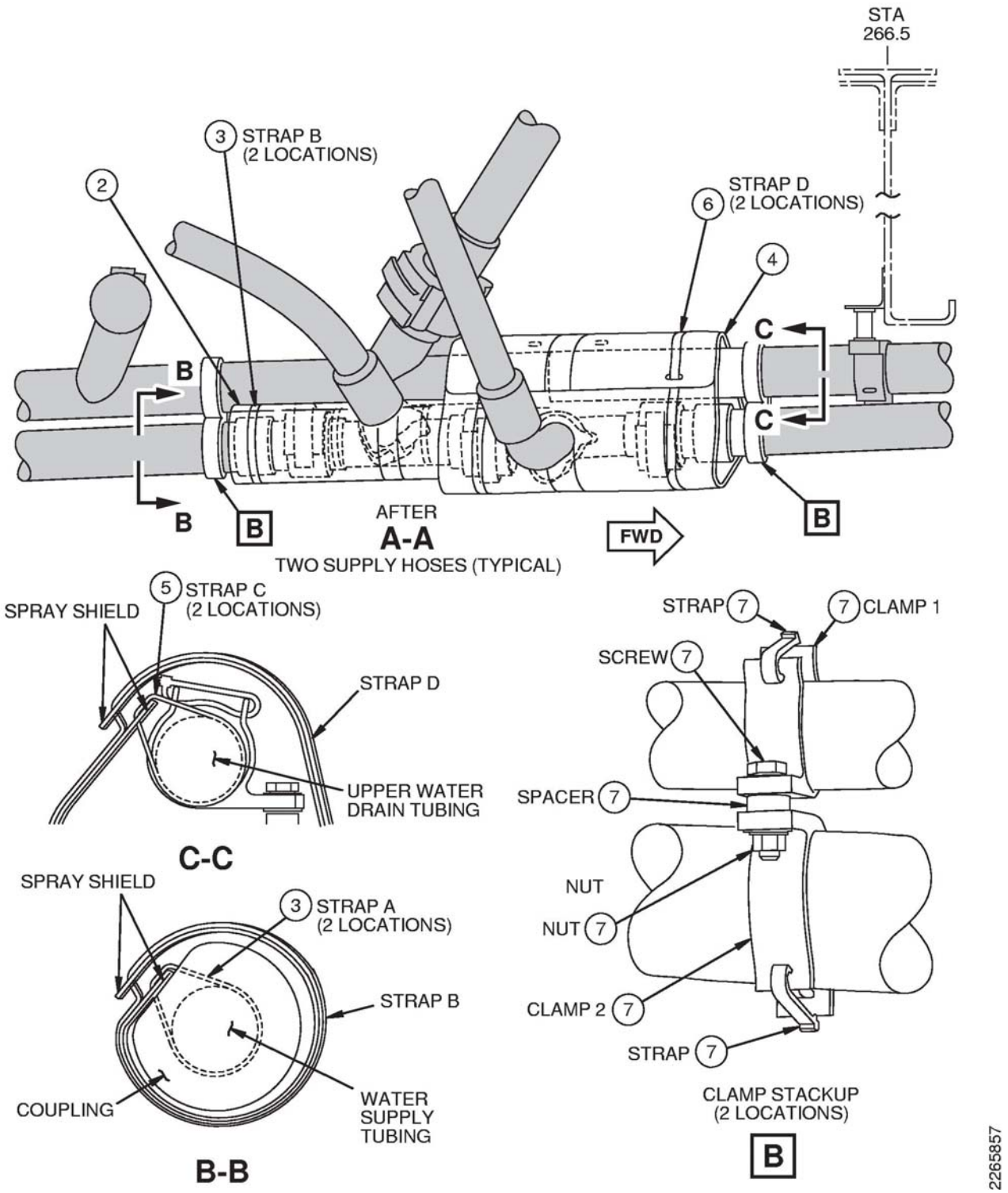


FIGURE 23: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHIELD INSTALLATION (SHEET 2 OF 4)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations can, possibly show plastic couplings, as background detail, in both BEFORE and AFTER overviews. Make sure metal couplings are installed, in accordance with PART 1 of this service bulletin, before this figure is done. Refer to APPENDIX B for more information to identify metal couplings.

Step	Task	Name	Identification	Qty	More Data
1	Remove	SCREW	BACS12GU3K17	2	
	Remove	NUT	BACN10YR3CD	2	
	Remove	WASHER	NAS1149D0332J	4	
	Remove	CLAMP 1	NMC1005-4	2	
	Remove	SPACER	NAS43DD3-12FC	2	
	Remove	CLAMP 2	NMC1005-5	2	
	Remove	STRAP	BACS38K( )	4	
2	Install (New)	SPRAY SHIELD	417T2080-9	1	Around the couplings at location 5, as shown. (a)
3	Install (New)	STRAP A	BACS38K1	2	Through the spray shield and around the water supply tubing, as shown. (a) (b)
	Install (New)	STRAP B	BACS38K7	2	Through and around the spray shield, as shown. (a) (c)
4	Install (New)	SPRAY SHIELD	417T2080-7	1	Around the couplings at location 5, as shown. (a)
5	Install (New)	STRAP C	BACS38K1	2	Through the spray shield and around the upper water drain tubing, as shown. (a) (b)
6	Install (New)	STRAP D	BACS38K7	2	Through and around the spray shield, as shown. (a) (c)

FIGURE 23: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHIELD INSTALLATION (SHEET 3 OF 4)

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Step	Task	Name	Identification	Qty	More Data
7	Install (New)	SCREW	BACS12GU3K16	2	
	Install (New)	CLAMP 1	NMC1005-5	2	Around the upper water drain tubing, as shown. (d)
	Install (New)	SPACER	NAS42DD6-6FC	2	
	Install (New)	CLAMP 2	NMC1005-5	2	Around the water supply tubing, as shown. (d)
	Install (New)	NUT	BACN10YR3CD	2	Torque to 20 to 25 in-lb.
	Install (New)	STRAP	BACS38K1	4	

(a) Make sure all couplings at Location 5 are inside one or both of the two installed spray shields.

(b) Use the pair of holes at the split side of the spray shield.

(c) Use the pair of holes opposite the split side of the spray shield.

(d) Locate each clamp assembly 2 inches, plus or minus 1 inch, away from the forward or aft edge of the adjacent spray shield.

FIGURE 23: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHIELD INSTALLATION (SHEET 4 OF 4)

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This Figure applies only to: Group 13.

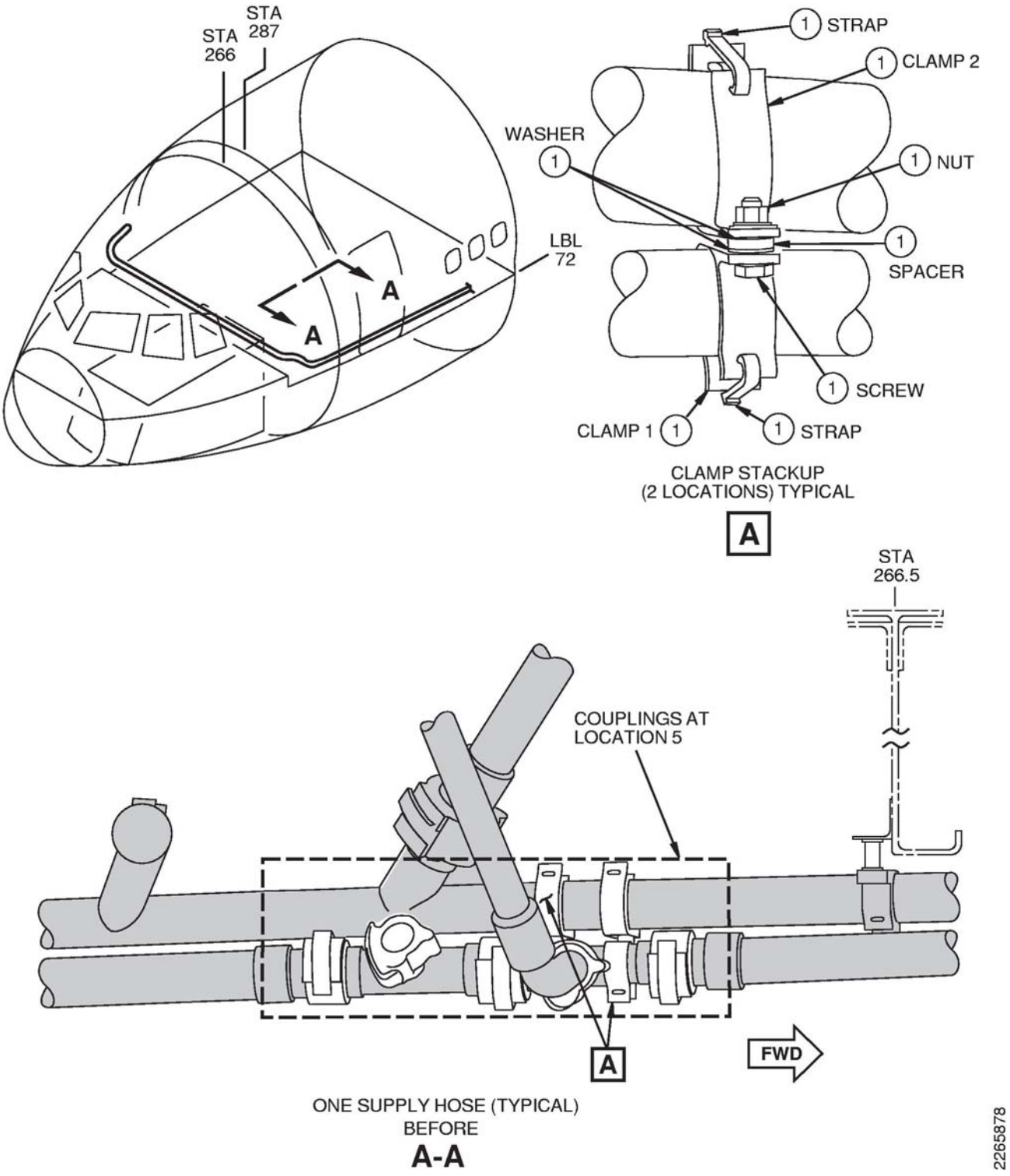


FIGURE 24: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHROUD INSTALLATION (SHEET 1 OF 4)

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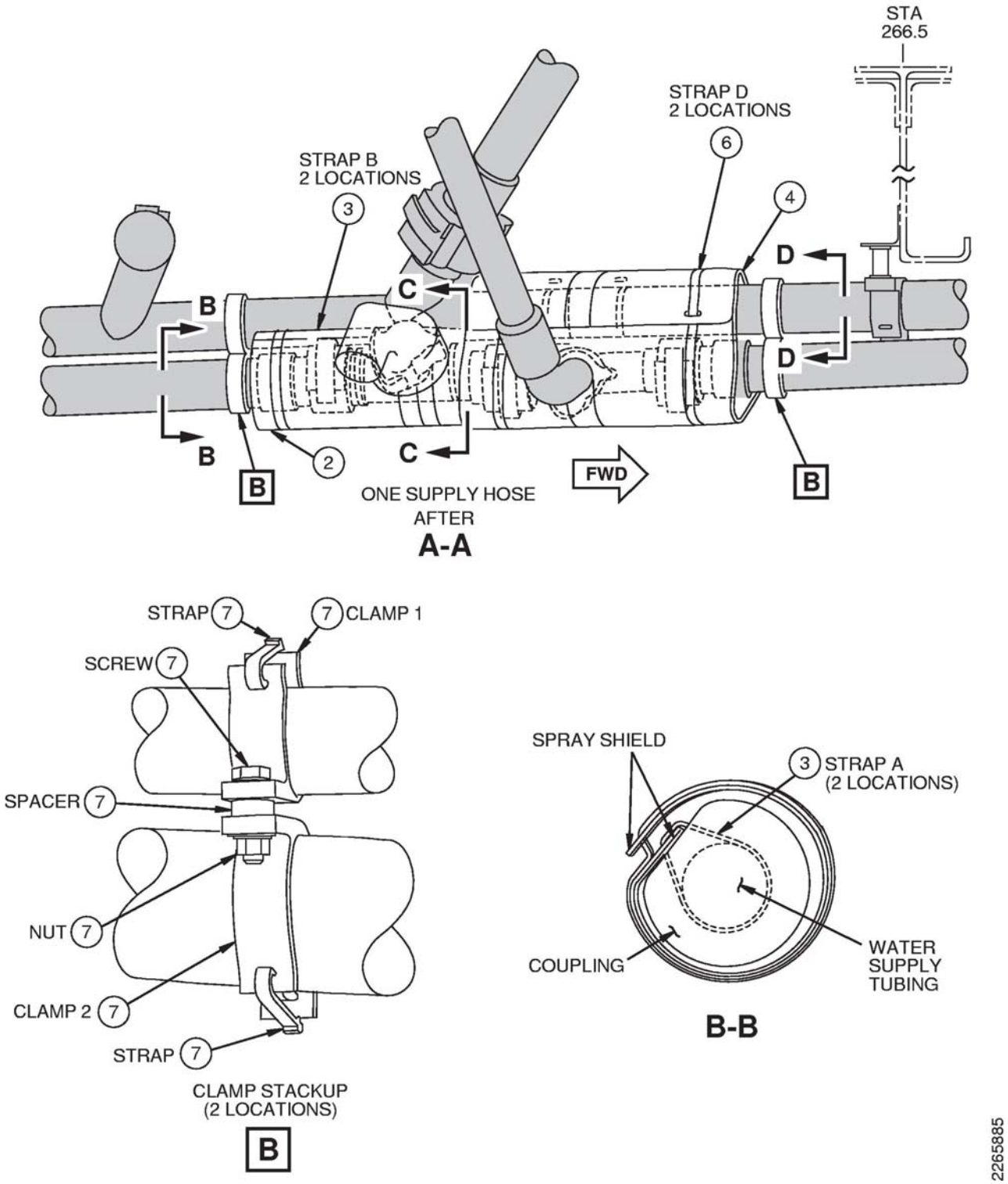
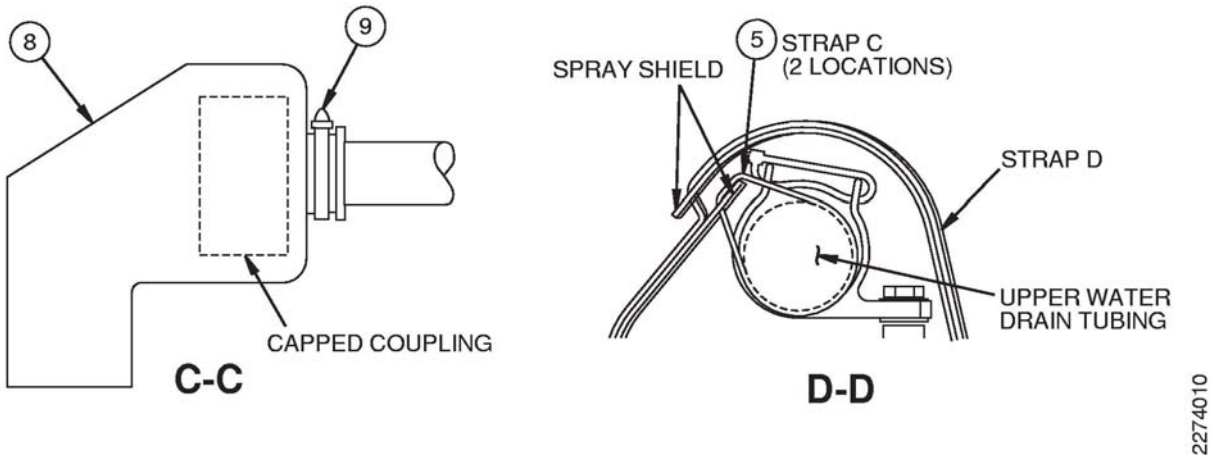


FIGURE 24: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHROUD INSTALLATION (SHEET 2 OF 4)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations can, possibly show plastic couplings, as background detail, in both BEFORE and AFTER overviews. Make sure metal couplings are installed, in accordance with PART 1 of this service bulletin, before this figure is done. Refer to APPENDIX B for more information to identify metal couplings.

Step	Task	Name	Identification	Qty	More Data
1	Remove	SCREW	BACS12GU3K17	2	
	Remove	NUT	BACN10YR3CD	2	
	Remove	WASHER	NAS1149D0332J	4	
	Remove	CLAMP 1	NMC1005-4	2	
	Remove	SPACER	NAS43DD3-12FC	2	
	Remove	CLAMP 2	NMC1005-5	2	
	Remove	STRAP	BACS38K( )	4	
2	Install (New)	SPRAY SHIELD	417T2080-9	1	Around the couplings at location 5, as shown. (a)
3	Install (New)	STRAP A	BACS38K1	2	Through the spray shield and around the water supply tubing, as shown. (a) (b)
	Install (New)	STRAP B	BACS38K7	2	Through and around the spray shield, as shown. (a) (c)

FIGURE 24: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHROUD INSTALLATION (SHEET 3 OF 4)

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Step	Task	Name	Identification	Qty	More Data
4	Install (New)	SPRAY SHIELD	417T2080-7	1	Around the couplings at location 5, as shown. (a)
5	Install (New)	STRAP C	BACS38K1	2	Through the spray shield and around the upper water drain tubing, as shown. (a) (b)
6	Install (New)	STRAP D	BACS38K7	2	Through and around the spray shield, as shown. (a) (c)
7	Install (New)	SCREW	BACS12GU3K16	2	
	Install (New)	CLAMP 1	NMC1005-5	2	Around the upper water drain tubing, as shown. (d)
	Install (New)	SPACER	NAS42DD6-6FC	2	
	Install (New)	CLAMP 2	NMC1005-5	2	Around the water supply tubing, as shown. (d)
	Install (New)	NUT	BACN10YR3CD	2	Torque to 20 to 25 in-lb.
	Install (New)	STRAP	BACS38K1	4	
8	Install (New)	SHROUD	BOE2271-0003	1	Around the capped coupling at location 5.
9	Install (New)	STRAP	BACS38K1	1	Around the shroud, as shown. (e)

(a) Make sure all couplings at Location 5, except the capped coupling, are inside one or both of the two installed spray shields.

(b) Use the pair of holes at the split side of the spray shield.

(c) Use the pair of holes opposite the split side of the spray shield.

(d) Locate each clamp assembly 2 inches, plus or minus 1 inch, away from the forward or aft edge of the adjacent spray shield.

(e) Locate the strap around the shroud 0.25 inch, plus or minus 0.10 inch, from the outboard edge of the shroud.

FIGURE 24: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHROUD INSTALLATION (SHEET 4 OF 4)

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This Figure applies only to: Group 6.

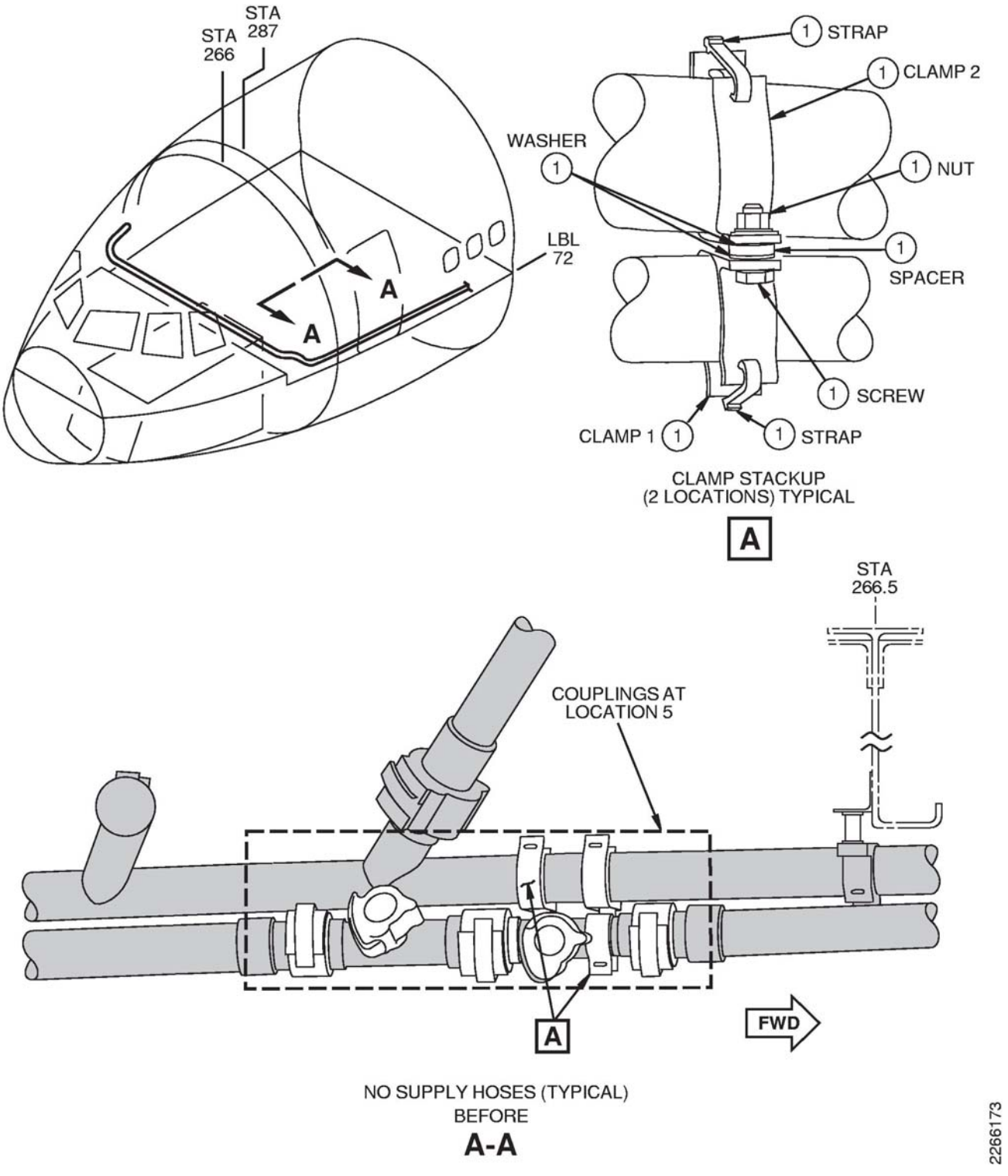


FIGURE 25: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHROUD INSTALLATION (SHEET 1 OF 4)

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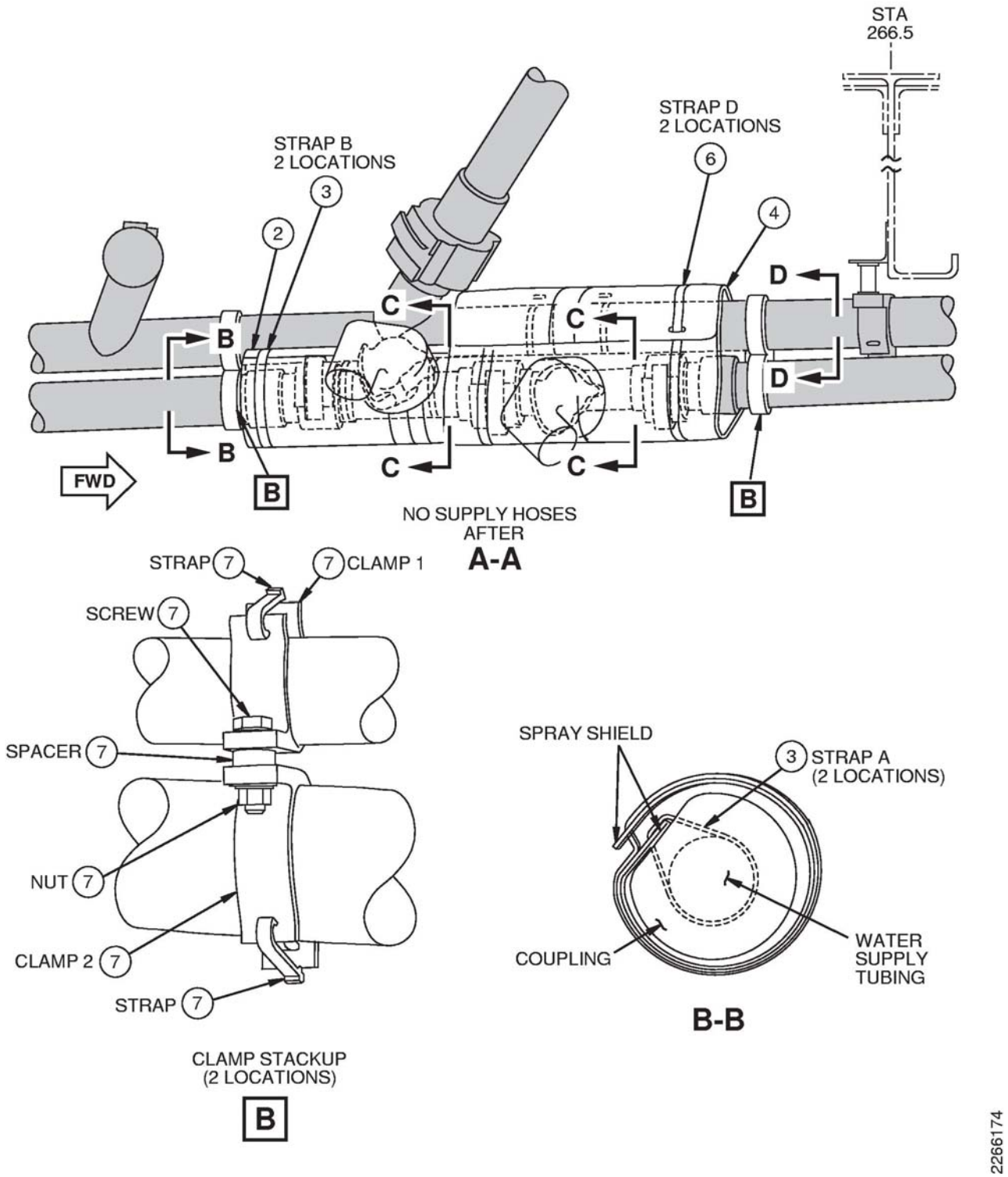
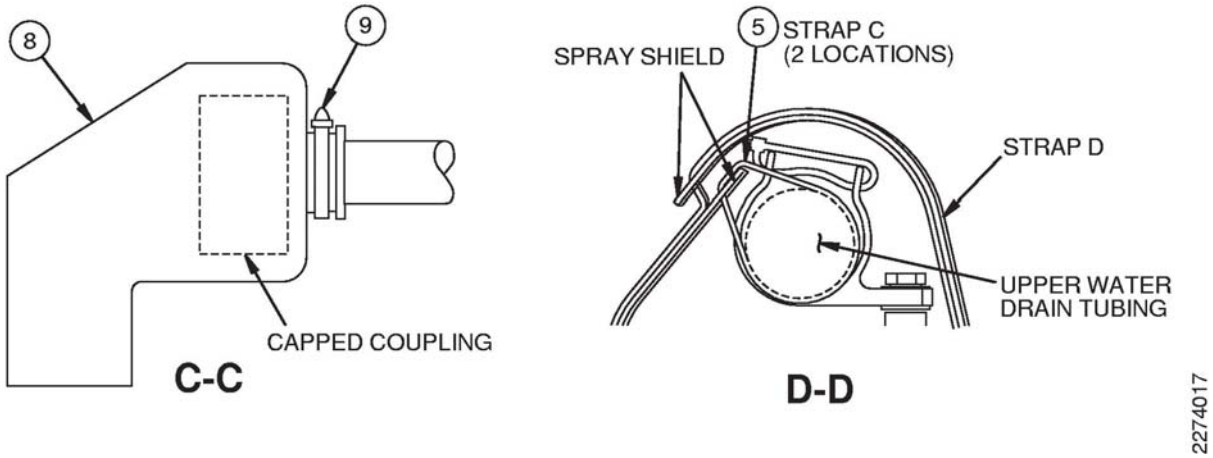


FIGURE 25: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHROUD INSTALLATION (SHEET 2 OF 4)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations can, possibly show plastic couplings, as background detail, in both BEFORE and AFTER overviews. Make sure metal couplings are installed, in accordance with PART 1 of this service bulletin, before this figure is done. Refer to APPENDIX B for more information to identify metal couplings.

Step	Task	Name	Identification	Qty	More Data
1	Remove	SCREW	BACS12GU3K17	2	
	Remove	NUT	BACN10YR3CD	2	
	Remove	WASHER	NAS1149D0332J	4	
	Remove	CLAMP 1	NMC1005-4	2	
	Remove	SPACER	NAS43DD3-12FC	2	
	Remove	CLAMP 2	NMC1005-5	2	
	Remove	STRAP	BACS38K( )	4	
2	Install (New)	SPRAY SHIELD	417T2080-9	1	Around the couplings at location 5, as shown. (a)
3	Install (New)	STRAP A	BACS38K1	2	Through the spray shield and around the water supply tubing, as shown. (a) (b)
	Install (New)	STRAP B	BACS38K7	2	Through and around the spray shield, as shown. (a) (c)

FIGURE 25: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHROUD INSTALLATION (SHEET 3 OF 4)

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Step	Task	Name	Identification	Qty	More Data
4	Install (New)	SPRAY SHIELD	417T2080-7	1	Around the couplings at location 5, as shown. (a)
5	Install (New)	STRAP C	BACS38K1	2	Through the spray shield and around the upper water drain tubing, as shown. (a) (b)
6	Install (New)	STRAP D	BACS38K7	2	Through and around the spray shield, as shown. (a) (c)
7	Install (New)	SCREW	BACS12GU3K16	2	
	Install (New)	CLAMP 1	NMC1005-5	2	Around the upper water drain tubing, as shown. (d)
	Install (New)	SPACER	NAS42DD6-6FC	2	
	Install (New)	CLAMP 2	NMC1005-5	2	Around the water supply tubing, as shown. (d)
	Install (New)	NUT	BACN10YR3CD	2	Torque to 20 to 25 in-lb.
	Install (New)	STRAP	BACS38K1	4	
8	Install (New)	SHROUD	BOE2271-0003	2	Around the capped couplings, as shown.
9	Install (New)	STRAP	BACS38K1	2	Around the shrouds, as shown. (e)

(a) Make sure all couplings at Location 5, except the capped couplings, are inside one or both of the two installed spray shields.

(b) Use the pair of holes at the split side of the spray shield.

(c) Use the pair of holes opposite the split side of the spray shield.

(d) Locate each clamp assembly 2 inches, plus or minus 1 inch, away from the forward or aft edge of the adjacent spray shield.

(e) Locate each strap around the shroud 0.25 inch, plus or minus 0.10 inch, from the outboard edge of the shroud.

FIGURE 25: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHROUD INSTALLATION (SHEET 4 OF 4)

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This Figure applies only to: Group 3.

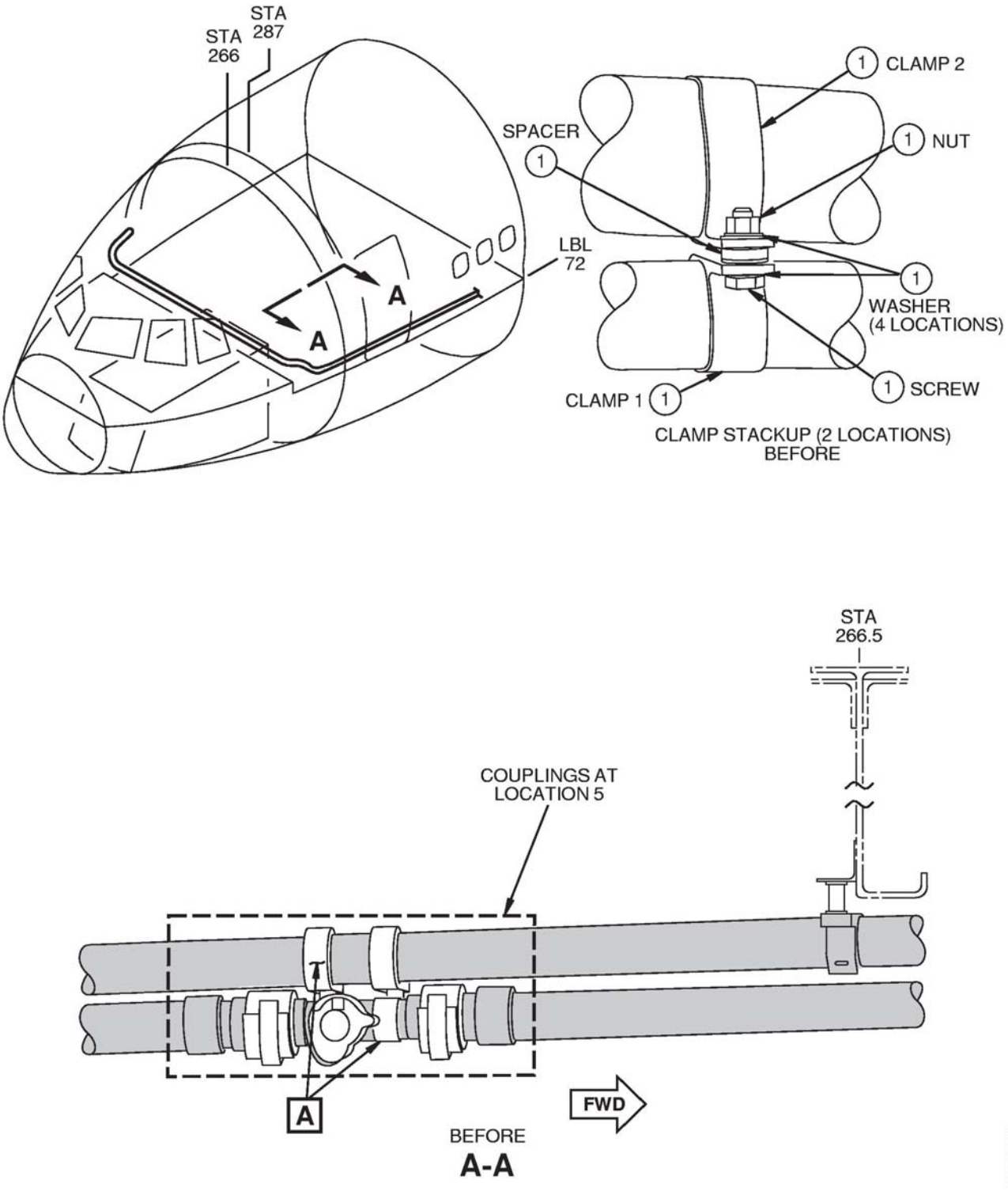


FIGURE 26: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHROUD INSTALLATION (SHEET 1 OF 4)

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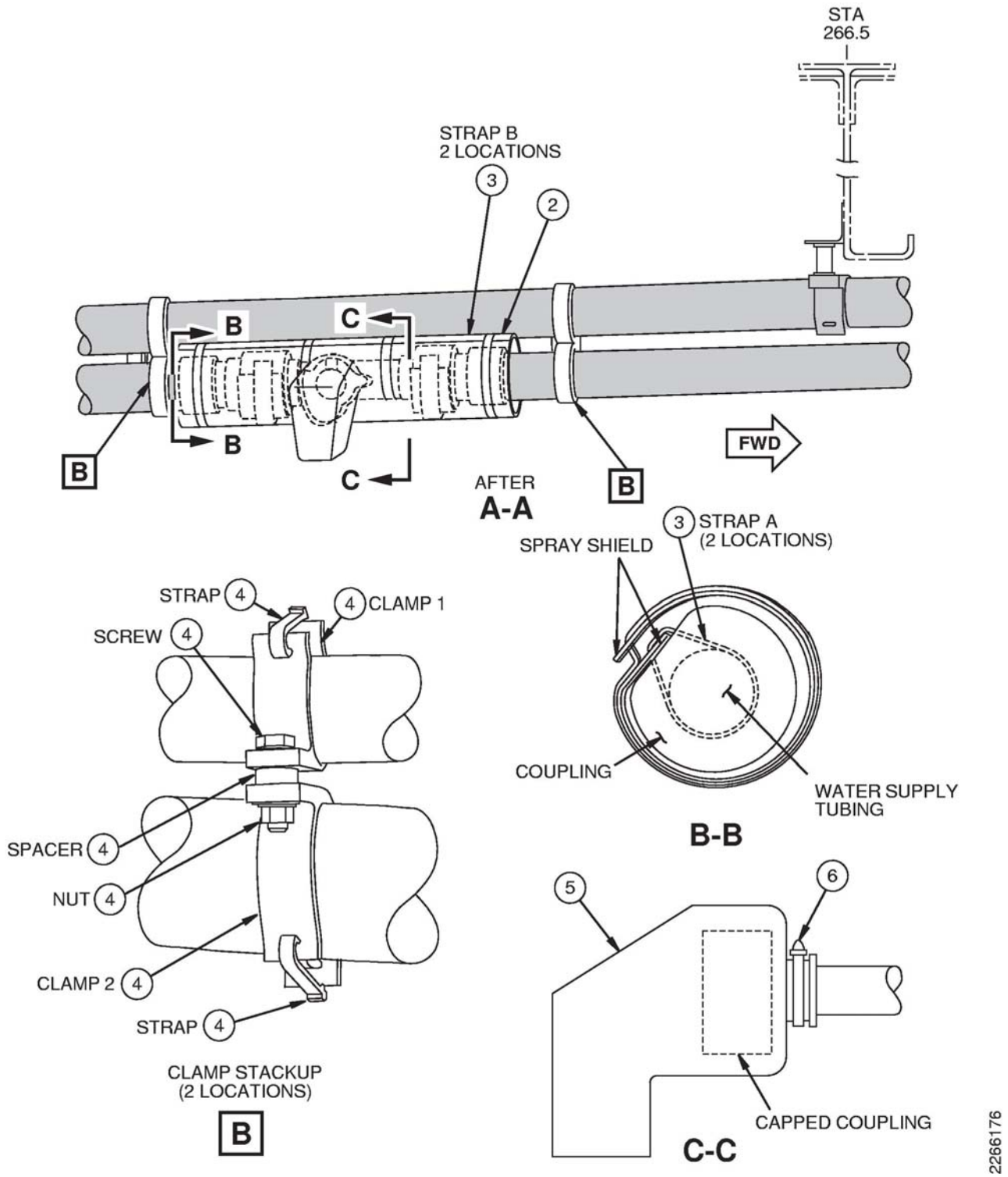


FIGURE 26: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHROUD INSTALLATION (SHEET 2 OF 4)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations can, possibly show plastic couplings, as background detail, in both BEFORE and AFTER overviews. Make sure metal couplings are installed, in accordance with PART 1 of this service bulletin, before this figure is done. Refer to APPENDIX B for more information to identify metal couplings.

Step	Task	Name	Identification	Qty	More Data
1	Remove	SCREW	BACS12GU3K17	2	
	Remove	NUT	BACN10YR3CD	2	
	Remove	WASHER	NAS1149D0332J	8	
	Remove	CLAMP 1	BACC10DK12	2	
	Remove	SPACER	NAS43DD3-12FC	2	
	Remove	CLAMP 2	BACC10DK16	2	
2	Install (New)	SPRAY SHIELD	417T2080-9	1	Around the couplings at location 5, as shown. (a)
3	Install (New)	STRAP A	BACS38K1	2	Through the spray shield and around the water supply tubing, as shown. (a) (b)
	Install (New)	STRAP B	BACS38K7	2	Through and around the spray shield, as shown. (a) (c)
4	Install (New)	SCREW	BACS12GU3K16	2	
	Install (New)	CLAMP 1	NMC1005-5	2	Around the upper water drain tubing, as shown. (d)
	Install (New)	SPACER	NAS42DD6-6FC	2	
	Install (New)	CLAMP 2	NMC1005-5	2	Around the water supply tubing as shown. (d)
	Install (New)	NUT	BACN10YR3CD	2	Torque to 20 to 25 in-lb.
	Install (New)	STRAP	BACS38K1	4	
5	Install (New)	SHROUD	BOE2271-0003	1	Around the capped coupling at location 5.

FIGURE 26: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHROUD INSTALLATION (SHEET 3 OF 4)

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Step	Task	Name	Identification	Qty	More Data
6	Install (New)	STRAP	BACS38K1	1	Around the shroud, as shown. (e)
(a) Make sure all couplings at Location 5, except the capped coupling, are inside one or both of the two installed spray shields.					
(b) Use the pair of holes at the split side of the spray shield.					
(c) Use the pair of holes opposite the split side of the spray shield.					
(d) Locate each clamp assembly 2 inches, plus or minus 1 inch, away from the forward or aft edge of the adjacent spray shield.					
(e) Locate the strap around the shroud 0.25 inch, plus or minus 0.10 inch, from the outboard edge of the shroud.					

FIGURE 26: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 SPRAY SHROUD INSTALLATION (SHEET 4 OF 4)

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This Figure applies only to: Group 5, 10, 12.

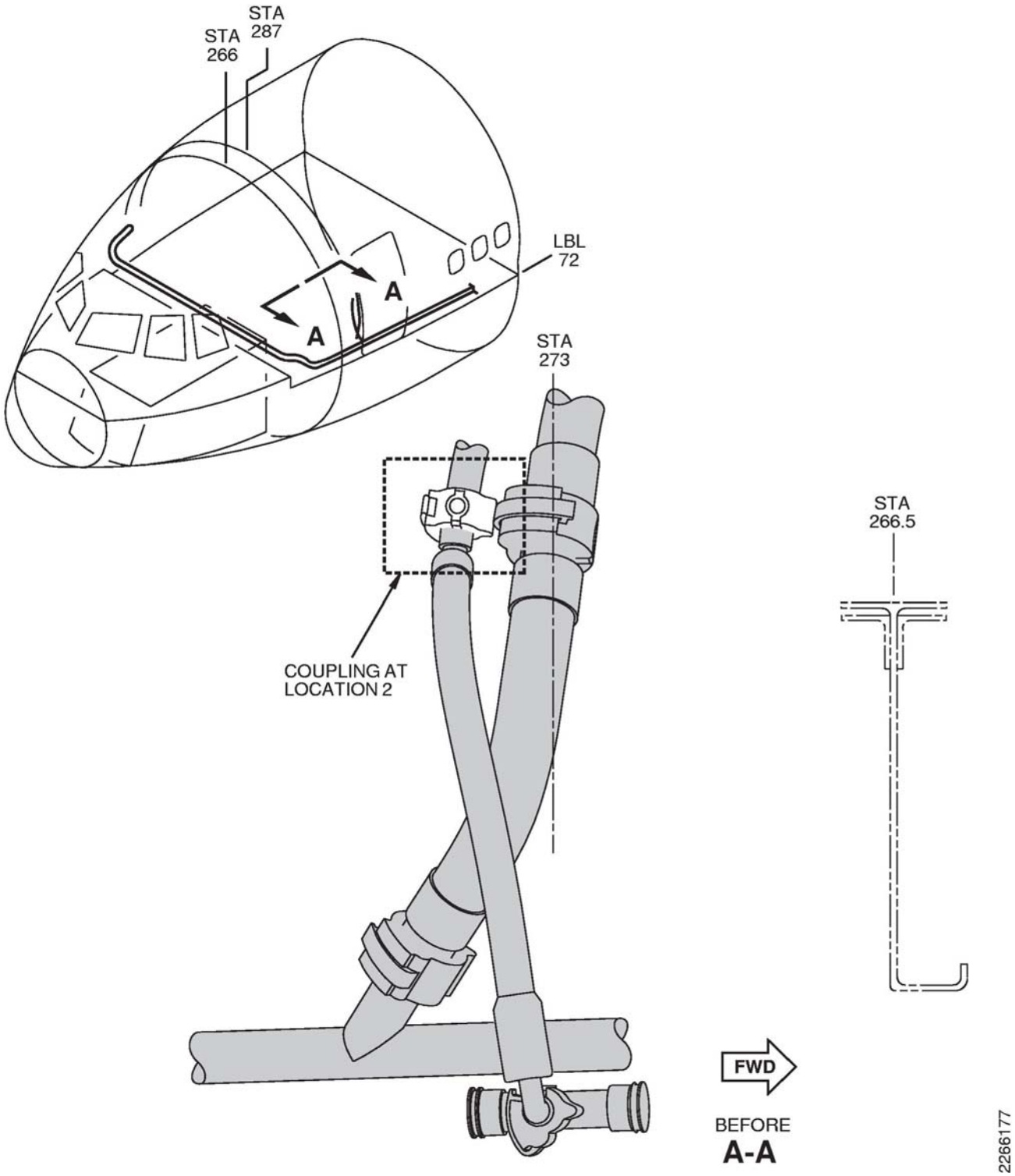
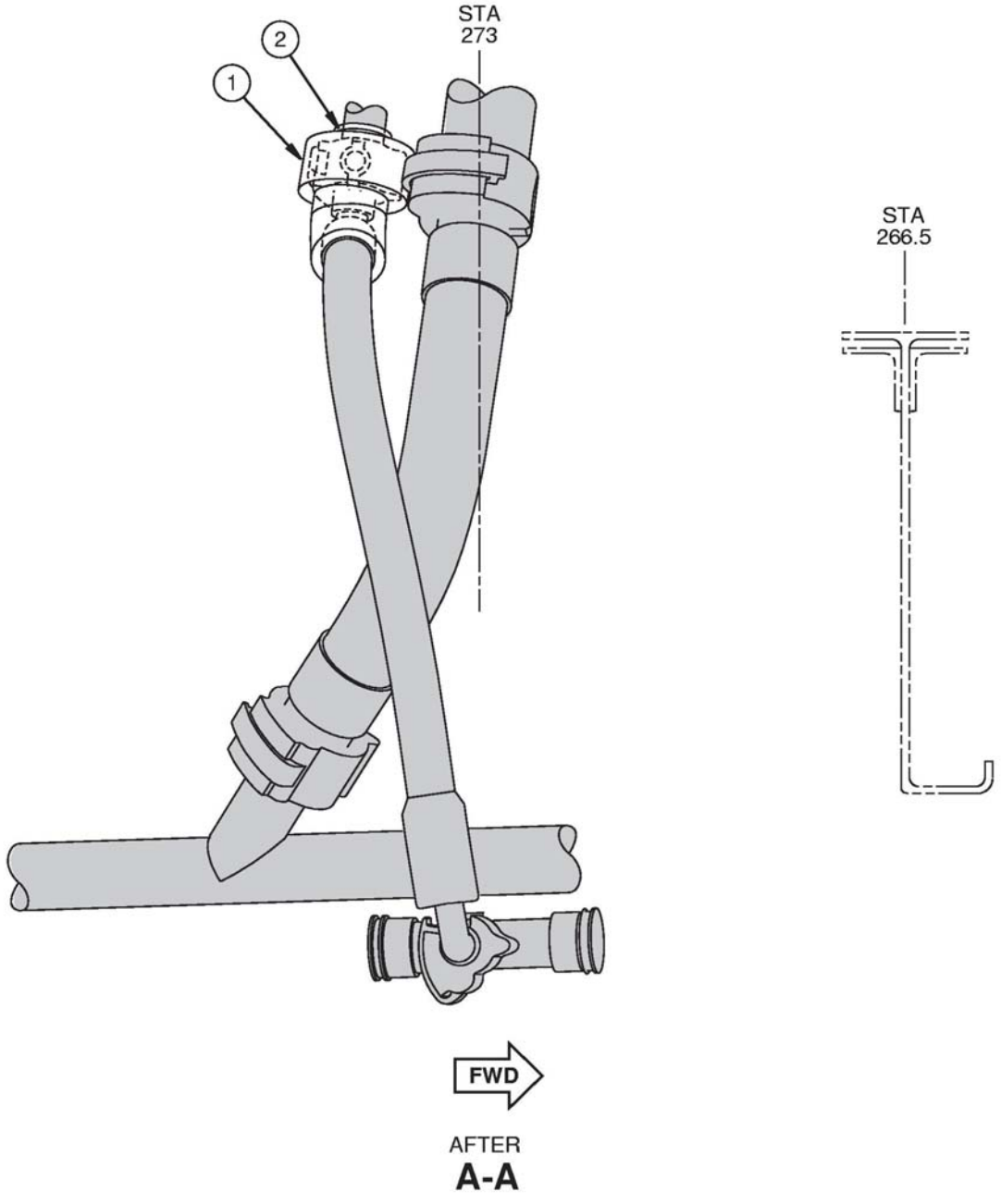


FIGURE 27: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 2 SPRAY SHROUD INSTALLATION (SHEET 1 OF 3)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations can, possibly show a plastic coupling, as background detail, in both BEFORE and AFTER overviews. Make sure metal couplings are installed, in accordance with PART 1 of this service bulletin, before this figure is done. Refer to APPENDIX B for more information to identify metal couplings.

FIGURE 27: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 2 SPRAY SHROUD INSTALLATION (SHEET 2 OF 3)

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Step	Task	Name	Identification	Qty	More Data
1	Install (New)	SHROUD	BOE2271-0002	1	Around the coupling at location 2.
2	Install (New)	STRAP	BACS38K1	1	Through the shroud, and around the upper water drain tubing as shown. (a)
(a) Locate the strap around the shroud 0.25 inch, plus or minus 0.10 inch, from the top edge of the shroud.					

FIGURE 27: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 2 SPRAY SHROUD INSTALLATION (SHEET 3 OF 3)

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This Figure applies only to: Group 11.

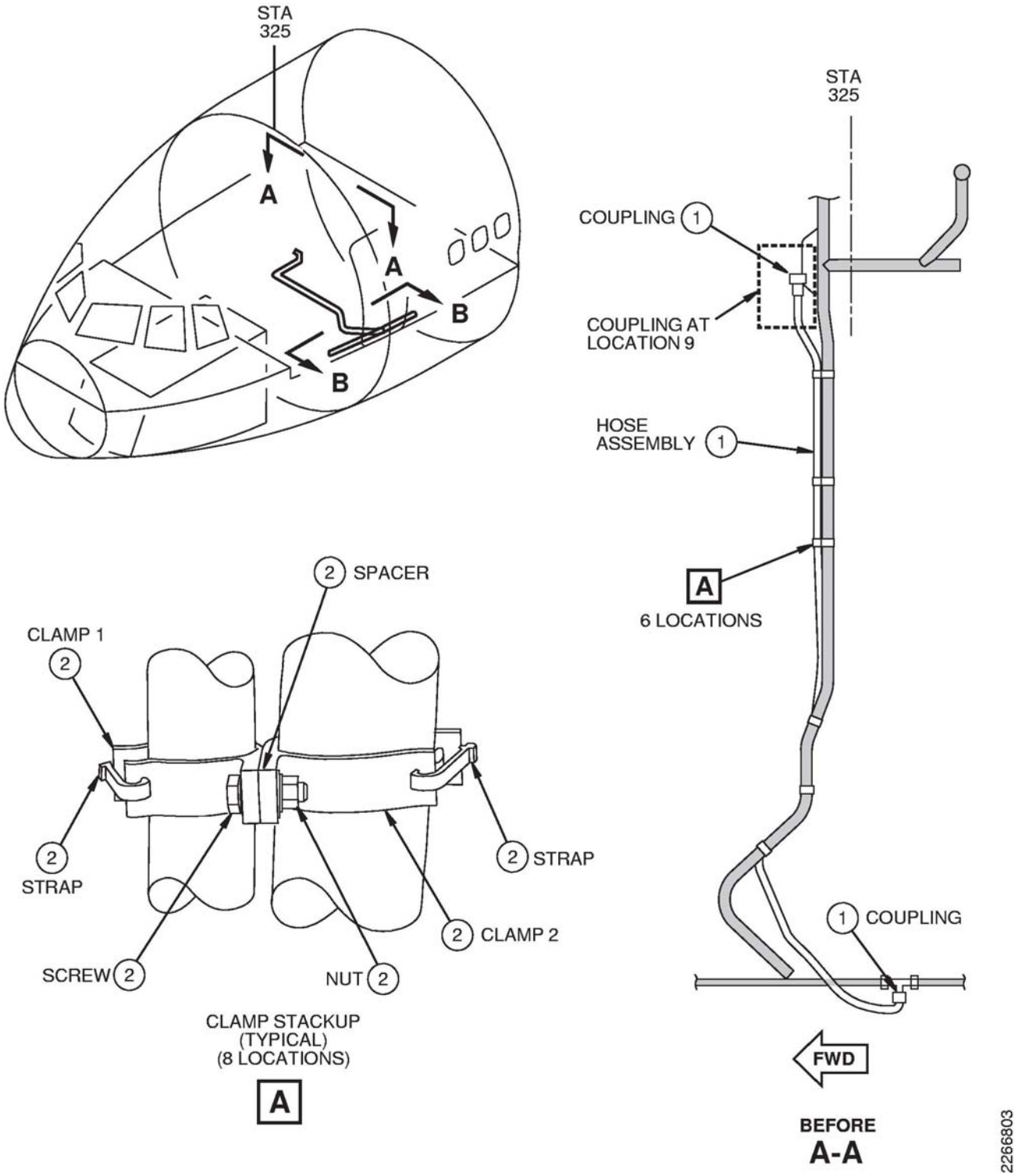


FIGURE 28: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 6 SPRAY SHROUD INSTALLATION AND LOCATION 9 ISOLATION (SHEET 1 OF 9)

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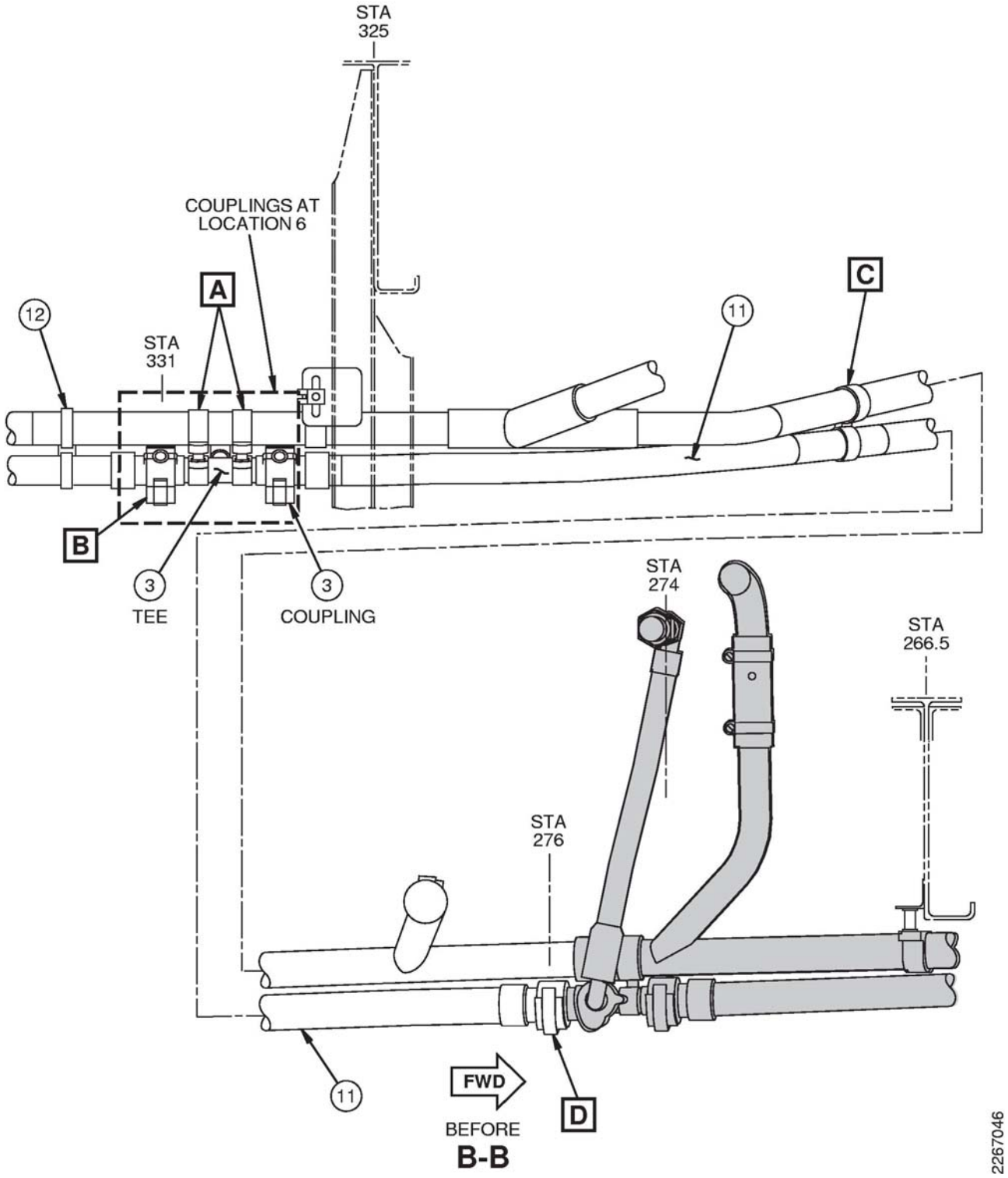


FIGURE 28: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 6 SPRAY SHROUD INSTALLATION AND LOCATION 9 ISOLATION (SHEET 2 OF 9)

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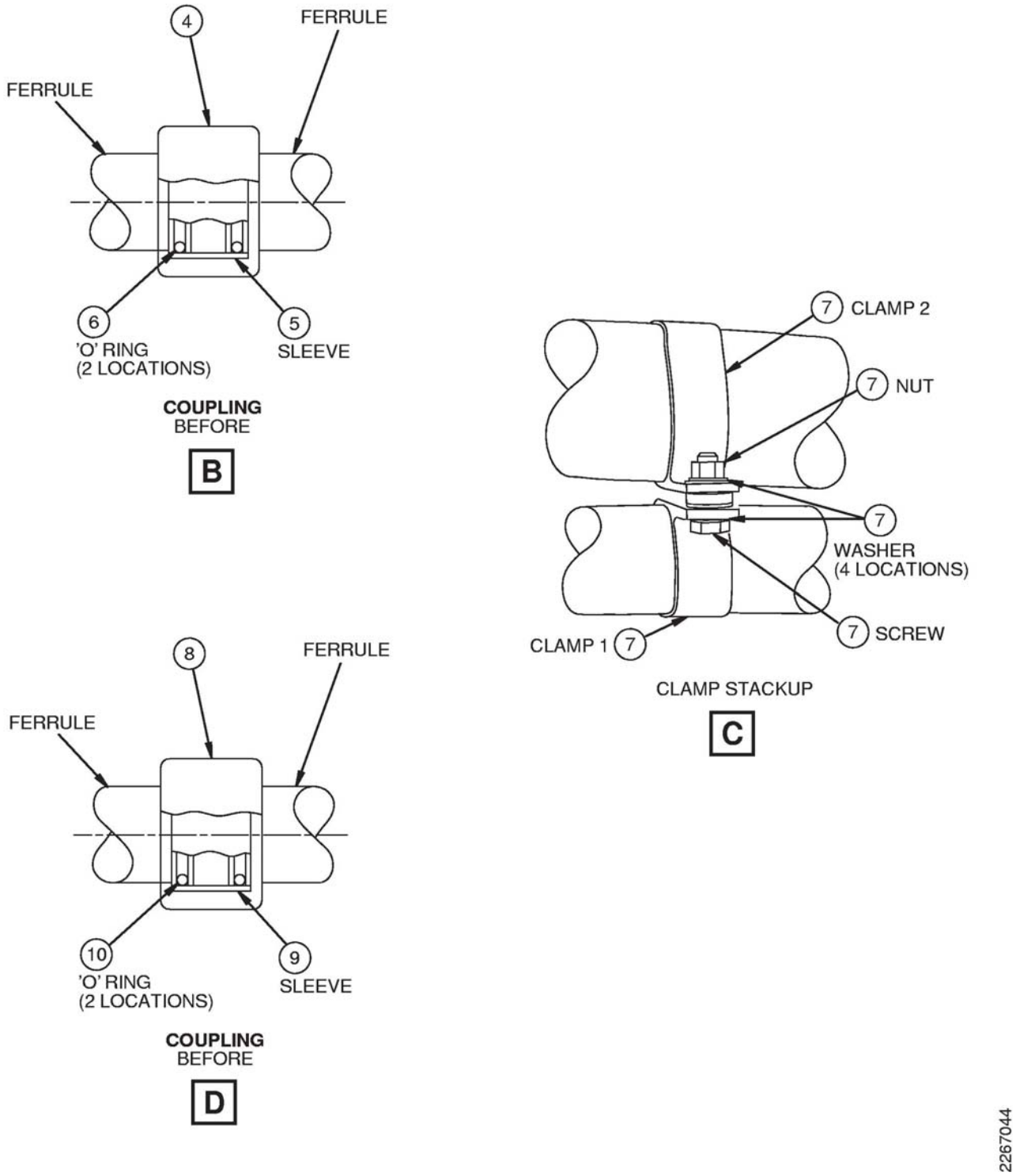


FIGURE 28: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 6 SPRAY SHROUD INSTALLATION AND LOCATION 9 ISOLATION (SHEET 3 OF 9)

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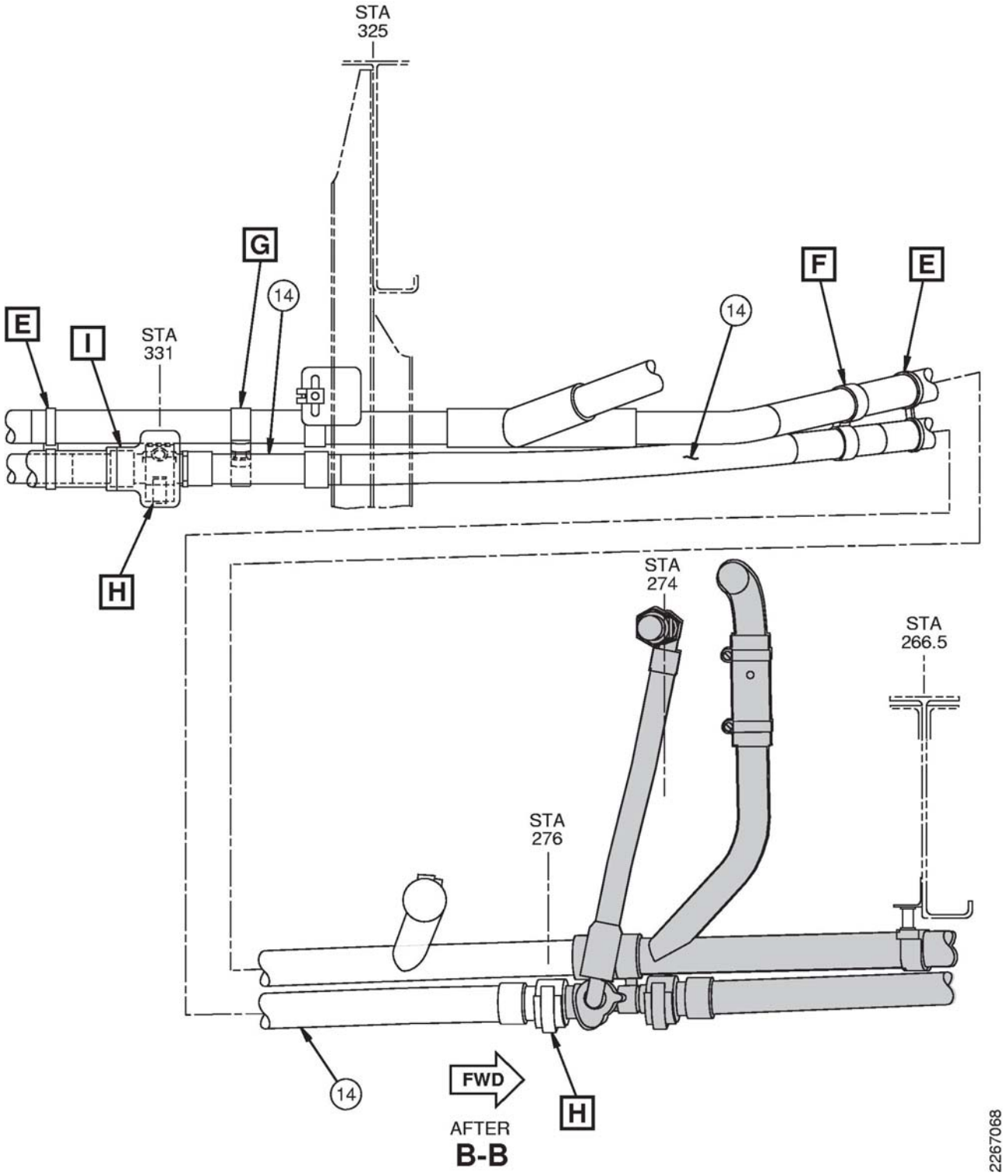
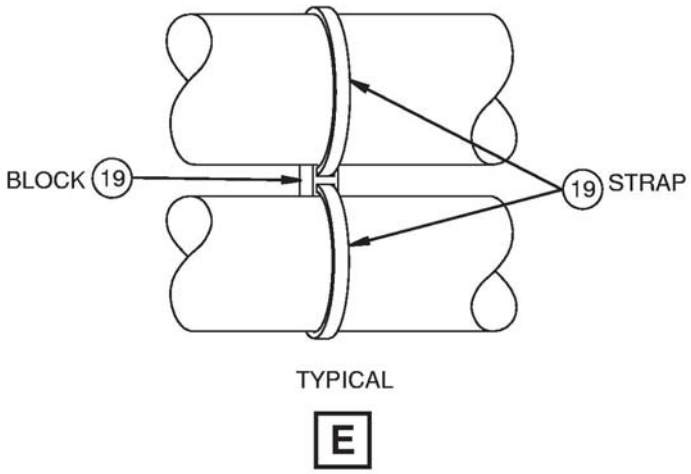


FIGURE 28: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 6 SPRAY SHROUD INSTALLATION AND LOCATION 9 ISOLATION (SHEET 4 OF 9)

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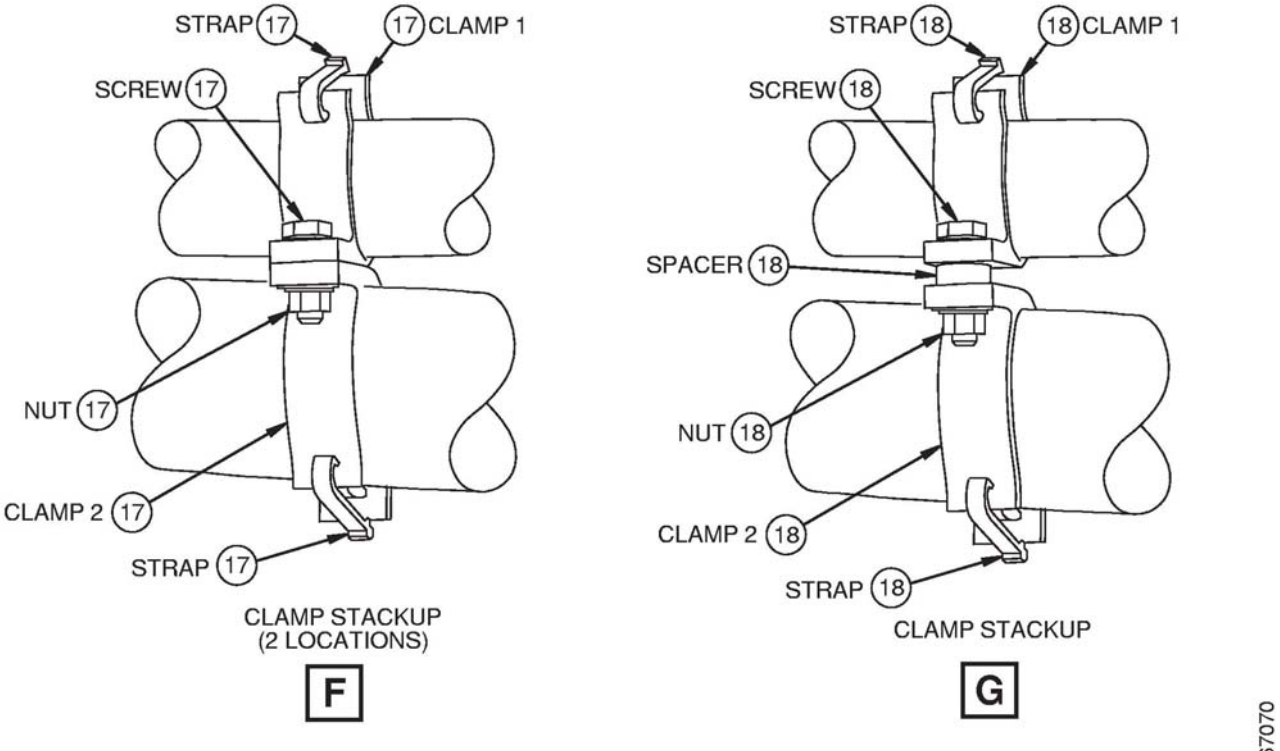
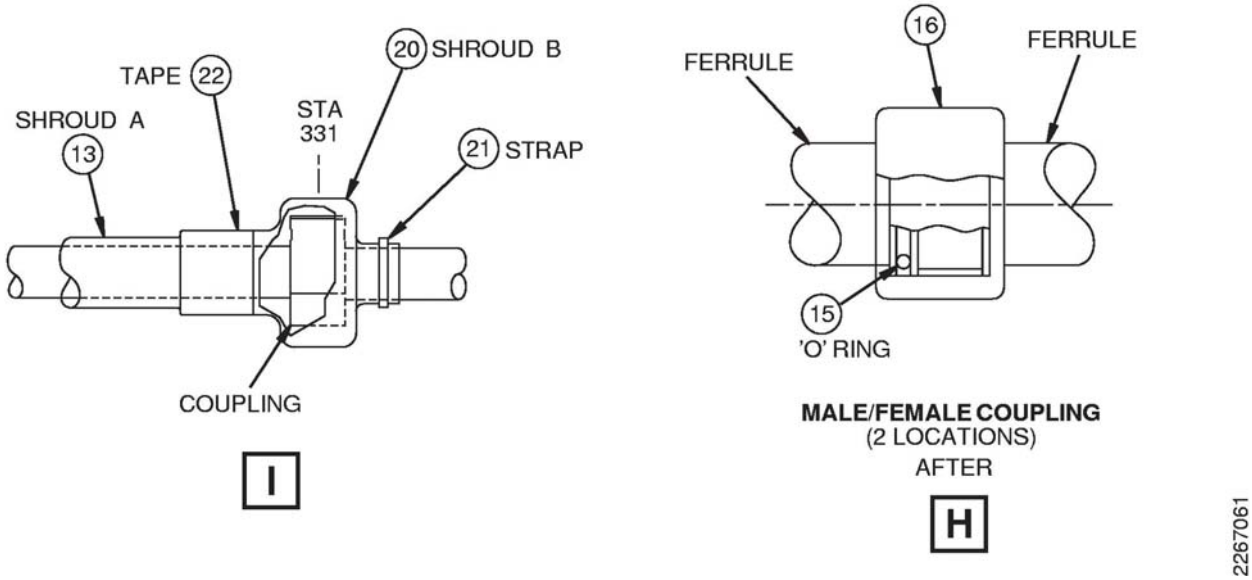


FIGURE 28: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 6 SPRAY SHROUD INSTALLATION AND LOCATION 9 ISOLATION (SHEET 5 OF 9)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations can, possibly show plastic couplings, as background detail, in both BEFORE and AFTER overviews. Make sure that a metal coupling is installed at STA 331, in accordance with PART 1 of this service bulletin, before the new shroud is installed. Refer to APPENDIX B for more information to identify metal couplings.

Step	Task	Name	Identification	Qty	More Data
1	Remove	HOSE ASSEMBLY	AS4706-08-0970	1	
	Remove	COUPLING	14C33-08 (CA62505-56BL or CA62005-56BL optional)	2	Related to hose assembly. (a) (b)
2	Remove	SCREW	BACS12GU3( )	8	
	Remove	NUT	BACN10YR3( )	8	
	Remove	WASHER	NAS1149D( )	16	
	Remove	CLAMP 1	NMC1005-( ) (BACC10( ) optional)	8	And any related strap, if found.
	Remove	SPACER	NAS43DD3-( )	-	If found.
	Remove	CLAMP 2	BACC10( ) (NMC1005-( ) optional)	8	And any related strap, if found.

FIGURE 28: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 6 SPRAY SHROUD INSTALLATION AND LOCATION 9 ISOLATION (SHEET 6 OF 9)

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Step	Task	Name	Identification	Qty	More Data
3	Remove	TEE	FT1084	1	
	Remove	COUPLING	14C33-12 (CA62507-56BL or CA62007-56BL optional)	1	And related sleeve and O-ring, aft of STA325. (a) (b)
4	Remove / Keep	METAL COUPLING	14C33-12	1	At STA331, if found. (b)
	Remove	PLASTIC COUPLING	CA62507-56BL (CA62007-56BL optional)	1	At STA331, if found. (c) (b)
5	Remove	SLEEVE	-	1	At STA331. (b)
6	Remove	O-RING	NAS1611-117( )	2	At STA331. (d)
7	Remove / Keep	SCREW	BACS12GU3K14	1	
	Remove / Keep	NUT	BACN10YR3CD	1	
	Remove	WASHER	NAS1149D( )	2	
	Remove	CLAMP 1	BACC10DK16	1	
	Remove	CLAMP 2	BACC10DK16	1	
8	Remove / Keep	METAL COUPLING	14C33-12	1	At STA276, if found. (b)
	Remove	PLASTIC COUPLING	CA62507-56BL (CA62007-56BL optional)	1	At STA276, if found. (b) (c)
9	Remove	SLEEVE	-	1	At STA276. (b)
10	Remove	O-RING	NAS1611-117( )	2	At STA276. (d)
11	Remove	HOSE ASSEMBLY	AS4704-12-0524	1	
12	Remove	STRAPS	-	-	From hose assembly P/N AS4704-12-1230 and drain tubing from STA368 and forward to STA330, to allow installation of new shroud.
13	Install (New)	SHROUD A	BOE222711013505	1	Over Hose Assembly, P/N AS4704-12-1230. (e) (f)
14	Install (New)	HOSE ASSY	AS4799-12-0560	1	
15	Install (New)	O-RING	NAS1611-117A	2	(d)

FIGURE 28: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 6 SPRAY SHROUD INSTALLATION AND LOCATION 9 ISOLATION (SHEET 7 OF 9)

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Step	Task	Name	Identification	Qty	More Data
16	Install (Kept)	METAL COUPLING	14C33-12	2	Or new metal coupling if a plastic coupling was removed. (b) (c)
17	Install (Kept)	SCREW	BACS12GU3K14	1	
	Install (New)	CLAMP 1	NMC1005-5	1	Around the upper water drain tubing, as shown.
	Install (New)	CLAMP 2	NMC1005-5	1	Around the shroud, as shown.
	Install (Kept)	NUT	BACN10YR3CD	1	Torque to 20 to 25 in-lb.
	Install (New)	STRAP	BACS38K1	2	
18	Install (New)	SCREW	BACS12GU3K17	1	
	Install (New)	CLAMP 1	NMC1005-5	1	Around the upper water drain tubing, as shown.
	Install (New)	SPACER	NAS43DD3-12FC	1	
	Install (New)	CLAMP 2	NMC1005-5	1	Around the shroud, as shown.
	Install (New)	NUT	BACN10YR3CD	1	Torque to 20 to 25 in-lb.
	Install (New)	STRAP	BACS38K1	2	
19	Install (New)	STRAP	BACS38K1	-	Around the upper water drain tubing, as shown in view E. (g)
	Install (New)	BLOCK	CR4H	-	To join the two straps, as shown in view E. (g)
	Install (New)	STRAP	BACS38K1	-	Around the hose assembly or shroud, as shown in view E. (g) (h)
20	Install (New)	SHROUD B	BOE2272-0003	1	Around the coupling at STA331. (e)

FIGURE 28: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 6 SPRAY SHROUD INSTALLATION AND LOCATION 9 ISOLATION (SHEET 8 OF 9)

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Step	Task	Name	Identification	Qty	More Data
21	Install (New)	STRAP	BACS38K1	1	Use the strap to tighten the shroud around the water supply tubing at this end only. (i)
22	Apply	TAPE	P29	-	To the join between Shroud A and Shroud B. Use a minimum of two wraps of tape.

(a) If the work in this figure is done at the same time as PART 1 of this service bulletin, some of the couplings could possibly have already been removed, if found to be plastic. Any metal coupling removed in this figure can be kept, if other uses can be found for it.

(b) Refer to APPENDIX C for more data.

(c) Plastic coupling P/N CA62507-56BL or CA62007-56BL, is replaced by metal coupling, P/N 14C33-12, in accordance with PART 1 of this service bulletin.

(d) Refer to SOPM 20-50-06 as an accepted procedure.

(e) Make sure the two shrouds overlap by 2.0 inch plus or minus 0.5 inch.

(f) The final installation of Shroud A is completed when Shroud B is installed.

(g) Install one strap and block assembly every 7 inches, plus or minus 1 inch, on straight tubing sections and every 3 inches, plus or minus 1 inch, on curved tubing sections.

(h) Make sure not to collapse the shrouds.

(i) Locate the strap around the shroud 0.25 inch, plus or minus 0.10 inch, from the forward edge of the shroud.

FIGURE 28: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 6 SPRAY SHROUD INSTALLATION AND LOCATION 9 ISOLATION (SHEET 9 OF 9)

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This Figure applies only to: Group 9.

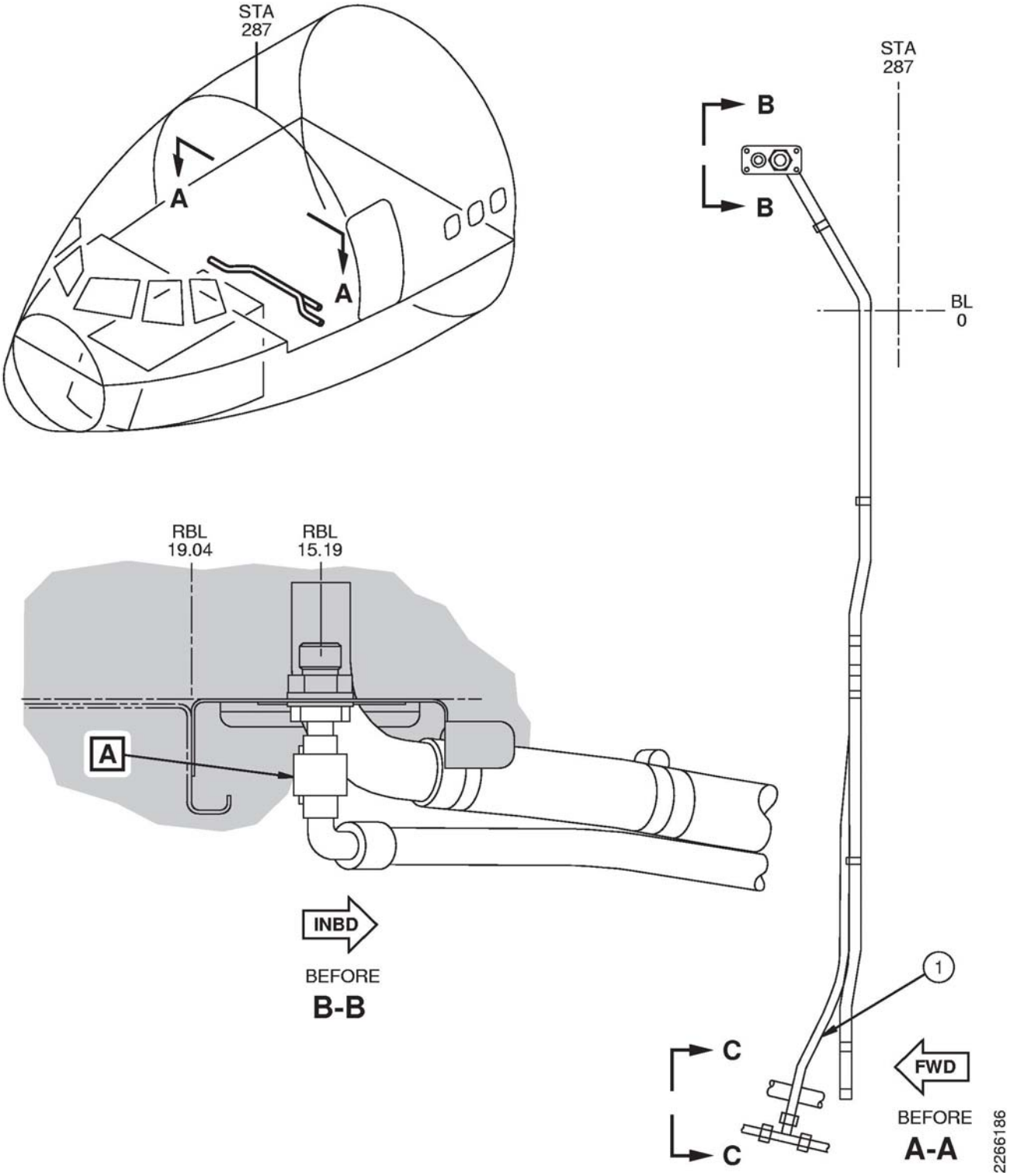
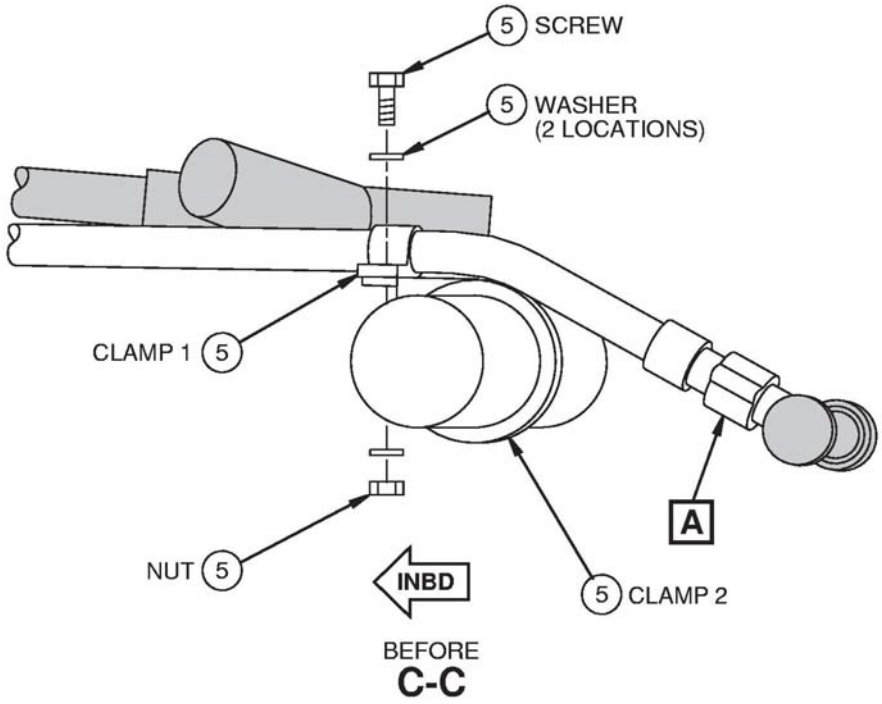
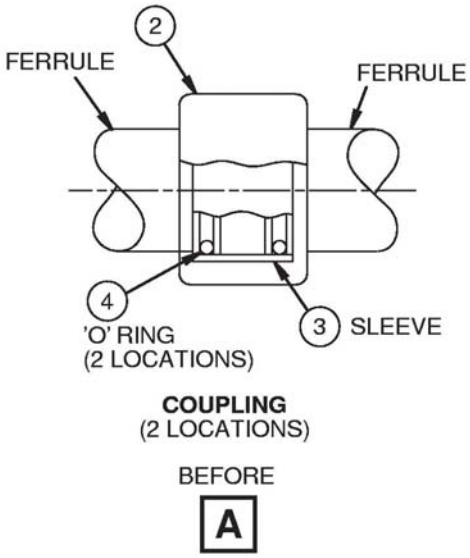


FIGURE 29: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 7 SPRAY SHROUD INSTALLATION (SHEET 1 OF 6)

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FIGURE 29: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 7 SPRAY SHROUD INSTALLATION (SHEET 2 OF 6)

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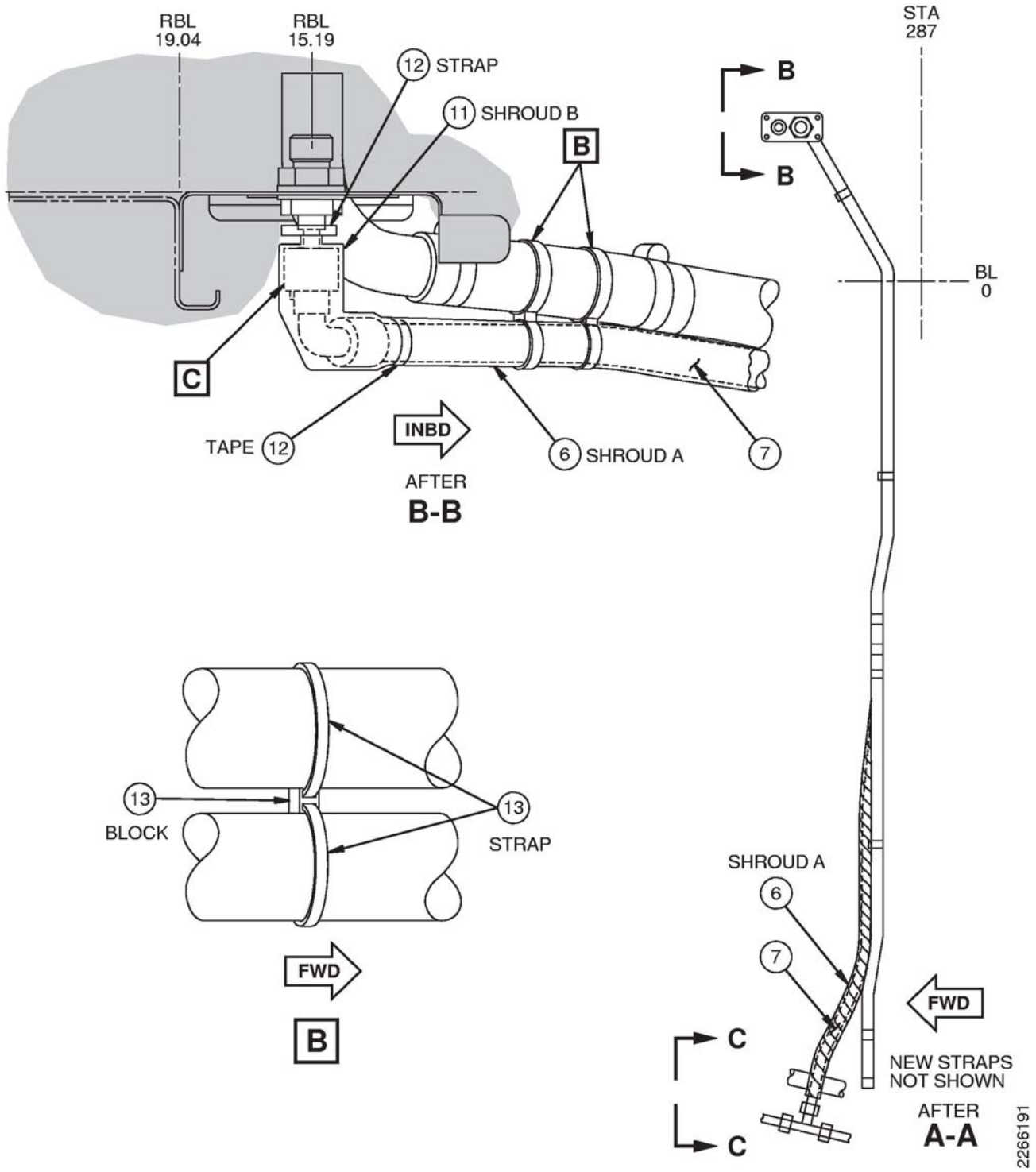


FIGURE 29: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 7 SPRAY SHROUD INSTALLATION (SHEET 3 OF 6)

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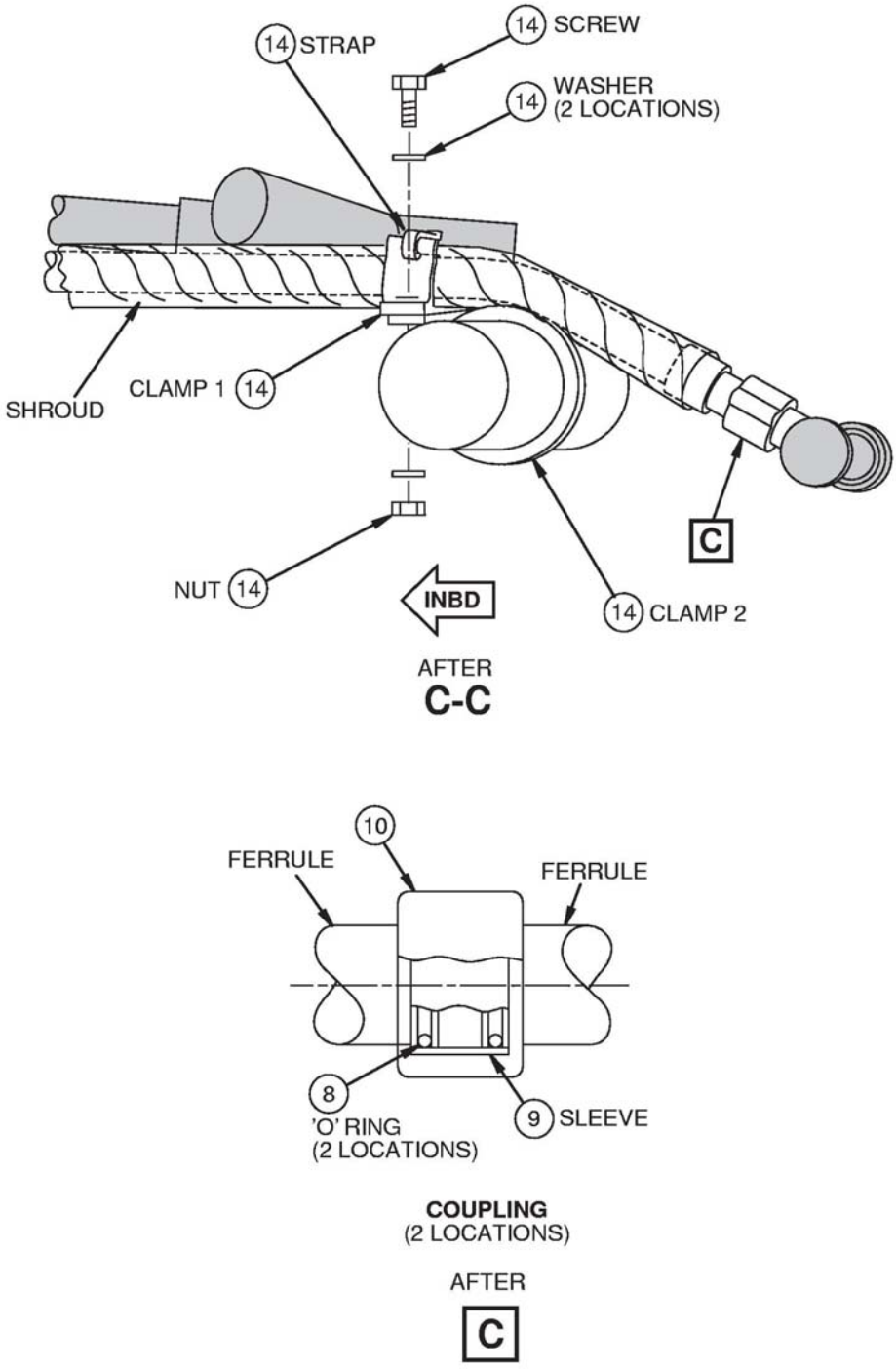


FIGURE 29: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 7 SPRAY SHROUD INSTALLATION (SHEET 4 OF 6)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations can, possibly show a plastic coupling, as background detail, in both BEFORE and AFTER overviews. Make sure metal couplings are installed, in accordance with PART 2 of this service bulletin, before this figure is done. Refer to APPENDIX B for more information to identify metal couplings.

Step	Task	Name	Identification	Qty	More Data
1	Remove / Keep	HOSE ASSEMBLY	AS4706-08-0970	1	To allow installation of the new shroud.
2	Remove / Keep	METAL COUPLING	14C33-08	2	If found. (a)
	Remove	PLASTIC COUPLING	CA62505-56BL (CA62005-56BL optional)	2	If found. (a) (b)
3	Remove / Keep	SLEEVE	14R02-08C (14R028C or W908B8C or AS1654C08 optional)	2	(a)
4	Remove	O-RING	NAS1611-015( )	4	(c)
5	Remove / Keep	SCREW	BACS12GU3K17	1	
	Remove / Keep	NUT	BACN10YR3CD	1	
	Remove / Keep	WASHER	NAS1149D0332J	2	
	Remove	CLAMP 1	BACC10DK10	1	
	Remove / Keep	CLAMP 2	BACC10BU32DF	1	
6	Install (New)	SHROUD A	AS1591-04-0900A	1	Over removed hose assembly, P/N AS4706-08-0970. (d) (e)
7	Install (Kept)	HOSE ASSEMBLY	AS4706-08-0970	1	With new Shroud A installed.
8	Install (New)	O-RING	NAS1611-015A	4	(c)
9	Install (Kept)	SLEEVE	14R02-08C (14R028C or W908B8C or AS1654C08 optional)	2	(a)
10	Install (Kept)	METAL COUPLING	14C33-08	2	Or a new metal coupling if a plastic coupling was removed. (a) (b)
11	Install (New)	SHROUD B	BOE2272-0003	1	Around the galley interface coupling at location 7. (f)

FIGURE 29: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 7 SPRAY SHROUD INSTALLATION (SHEET 5 OF 6)

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Step	Task	Name	Identification	Qty	More Data
12	Install (New)	STRAP	BACS38K1	1	Around the top end of Shroud B. (g)
	Apply	TAPE	P29	-	To the join between Shroud A and Shroud B. Use a minimum of two wraps of tape.
13	Install (New)	STRAP	BACS38K1	-	Around the upper water drain tubing, as shown in view B. (h)
	Install (New)	BLOCK	CR4H	-	To join the two straps. (h)
	Install (New)	STRAP	BACS38K1	-	Around the installed Shroud A, as shown in view B (h) (i)
14	Install (New)	CLAMP 1	NMC1005-5	1	
	Install (Kept)	CLAMP 2	BACC10BU32DF	1	
	Install (Kept)	WASHER	NAS1149D0332J	2	
	Install (Kept)	SCREW	BACS12GU3K17	1	
	Install (Kept)	NUT	BACN10YR3CD	1	Torque to 20 to 25 in-lb.
	Install (New)	STRAP	BACS38K1	1	To new Clamp 1.

(a) Refer to APPENDIX C for more data.

(b) Plastic coupling P/N CA62505-56BL or CA62005-56BL, is replaced by metal coupling, P/N 14C33-08, in accordance with PART 2 of this service bulletin.

(c) Refer to SOPM 20-50-06 as an accepted procedure.

(d) The end of the shroud should terminate 1.0-2.0 inches short of the left hand trunkline interface.

(e) Install with one strap, P/N BACS38K1, every 7 inches plus or minus 1 inch.

(f) Make sure the two shrouds overlap by 0.5 - 1.0 inch.

(g) Locate the strap around the shroud 0.25 inch, plus or minus 0.10 inch, from the top edge of the shroud.

(h) Install one strap and block assembly every 8 inches, plus or minus 1 inch, on straight sections and every 3 inches, plus or minus 1 inch, on curved tubing sections.

(i) Make sure not to collapse the shrouds.

FIGURE 29: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 7 SPRAY SHROUD INSTALLATION (SHEET 6 OF 6)

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This Figure applies only to: Group 10.

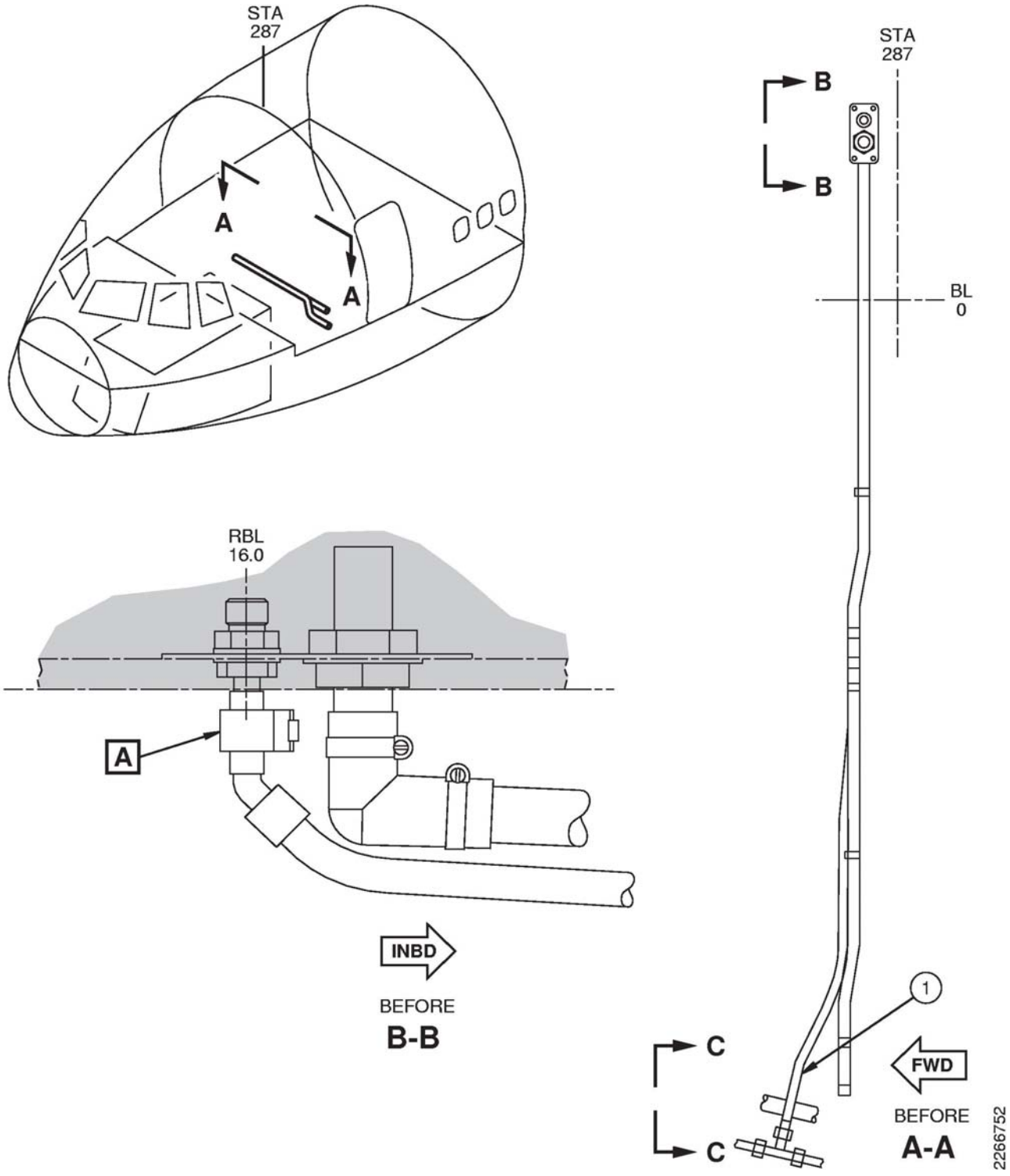


FIGURE 30: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 8 SPRAY SHROUD INSTALLATION (SHEET 1 OF 6)

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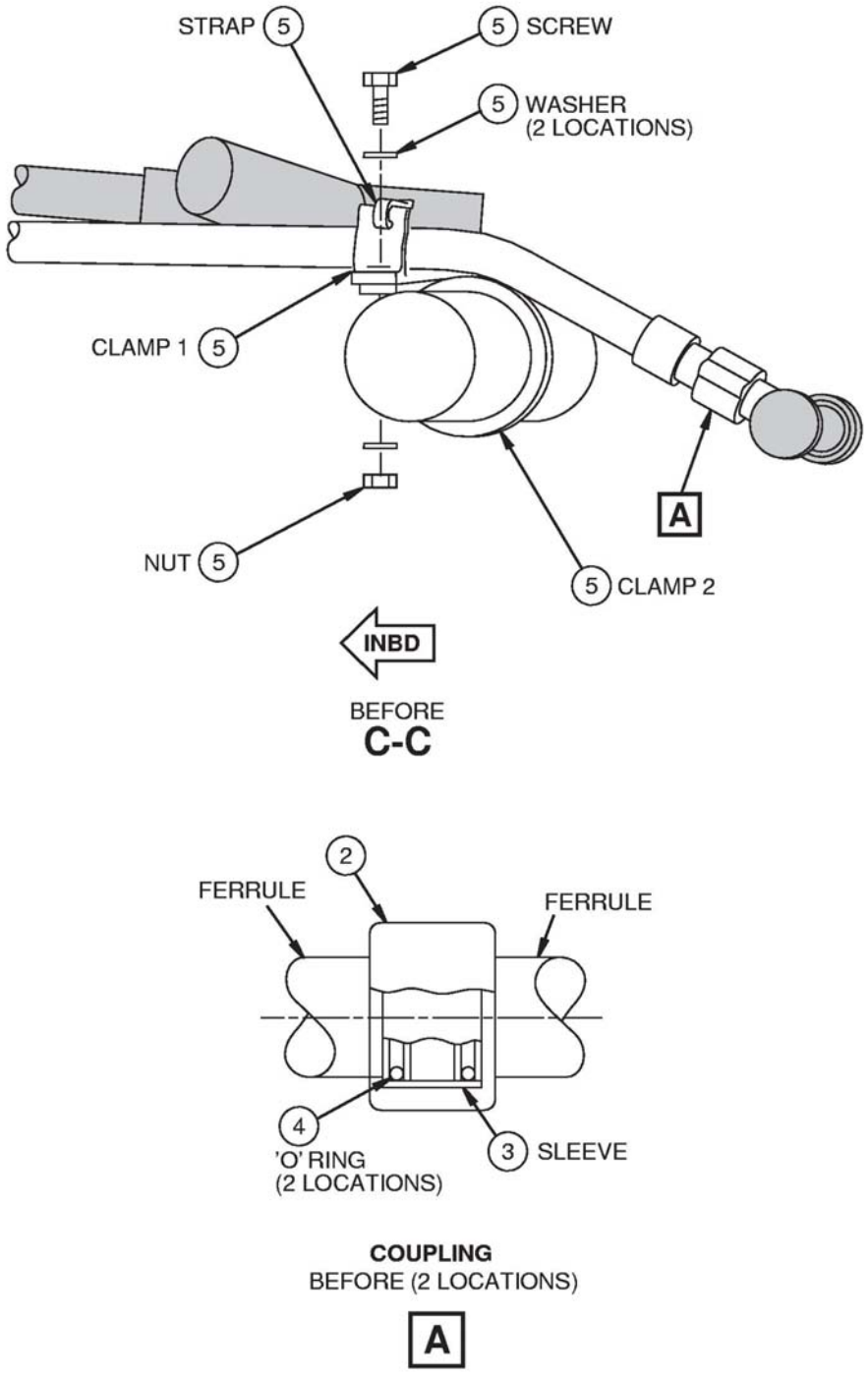


FIGURE 30: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 8 SPRAY SHROUD INSTALLATION (SHEET 2 OF 6)

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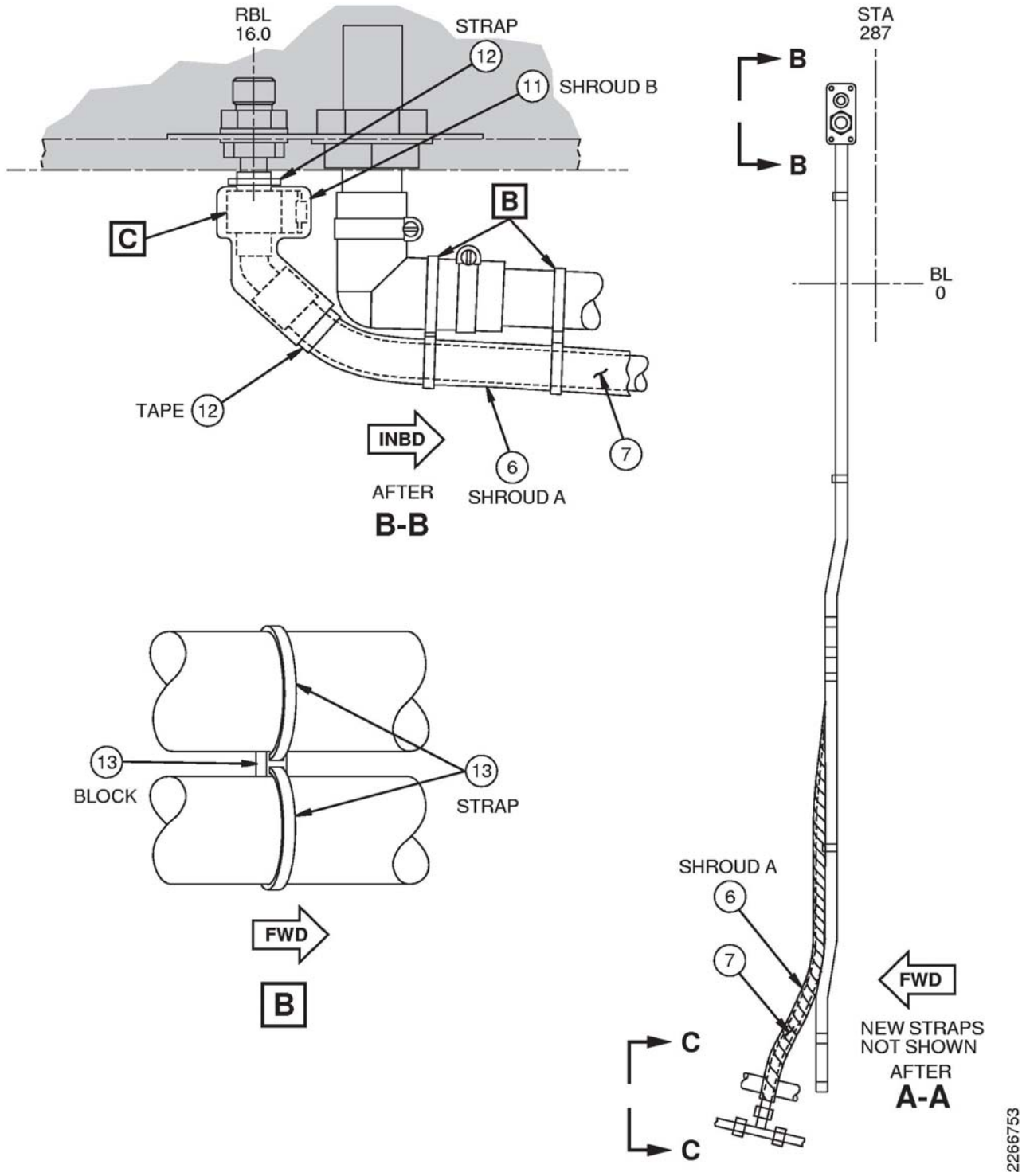
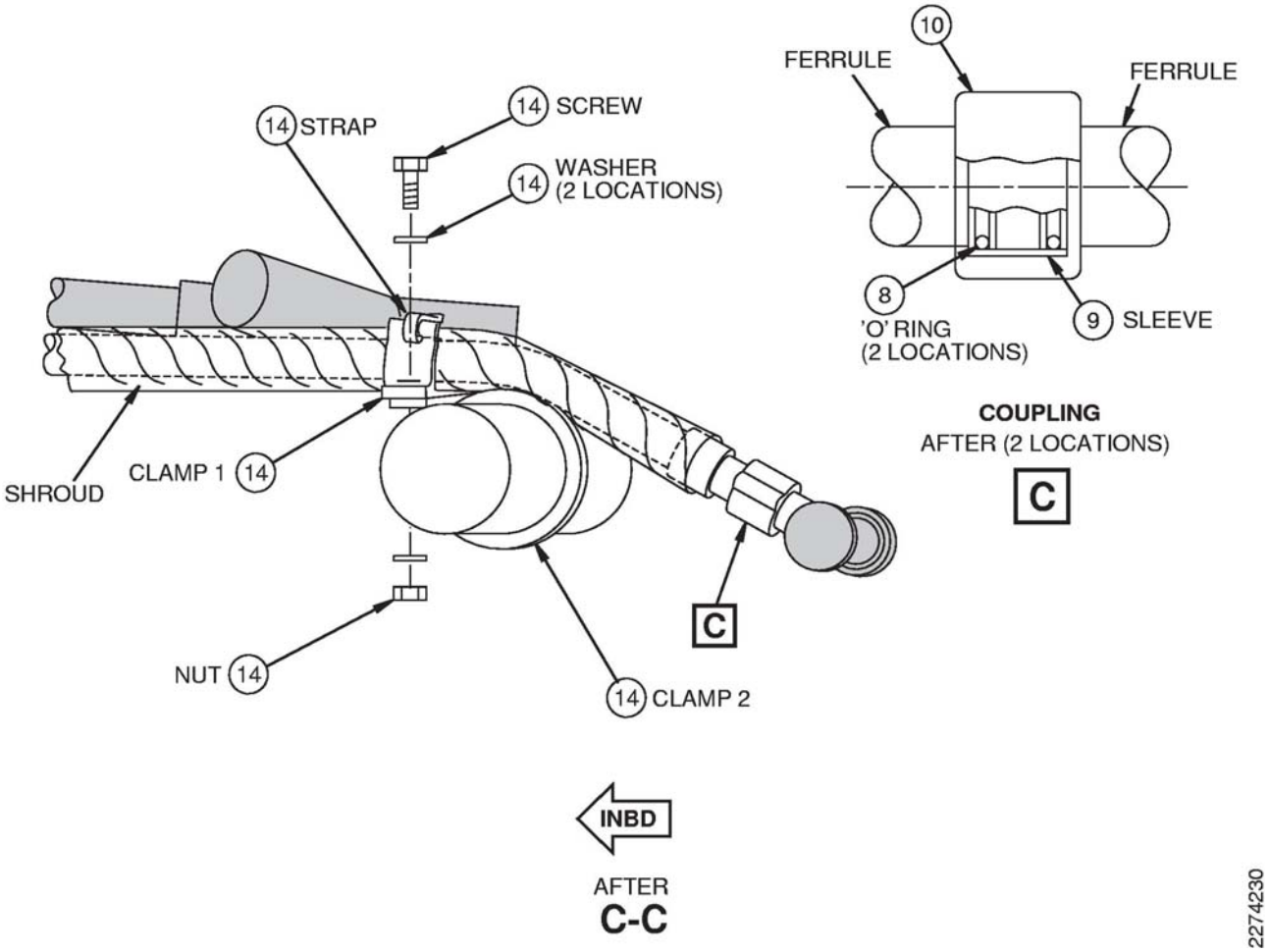


FIGURE 30: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 8 SPRAY SHROUD INSTALLATION (SHEET 3 OF 6)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations can, possibly show a plastic coupling, as background detail, in both BEFORE and AFTER overviews. Make sure metal couplings are installed, in accordance with PART 2 of this service bulletin, before this figure is done. Refer to APPENDIX B for more information to identify metal couplings.

Step	Task	Name	Identification	Qty	More Data
1	Remove / Keep	HOSE ASSEMBLY	793-11HHH0942	1	To allow installation of the new shroud.
2	Remove / Keep	METAL COUPLING	14C33-08	2	If found. (a)
	Remove	PLASTIC COUPLING	CA62505-56BL (CA62005-56BL option-al)	2	If found. (a) (b)

FIGURE 30: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 8 SPRAY SHROUD INSTALLATION (SHEET 4 OF 6)

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Step	Task	Name	Identification	Qty	More Data
3	Remove / Keep	SLEEVE	14R02-08C (14R028C or W908B8C or AS1654C08 optional)	2	(a)
4	Remove	O-RING	NAS1611-015( )	4	(c)
5	Remove / Keep	SCREW	BACS12GU3K17	1	
	Remove / Keep	NUT	BACN10YR3CD	1	
	Remove / Keep	WASHER	NAS1149D0332J	2	
	Remove	CLAMP 1	NMC1005-3	1	
	Remove	STRAP	BACS38K( )	1	
	Remove / Keep	CLAMP 2	BACC10GE32A	1	
6	Install (New)	SHROUD A	AS1591-04-0900A	1	Over removed hose assembly, P/N 793-11HHH0942. (d) (e)
7	Install (Kept)	HOSE ASSEMBLY	793-11HHH0942	1	With new Shroud A installed.
8	Install (New)	O-RING	NAS1611-015A	4	(c)
9	Install (Kept)	SLEEVE	14R02-08C (14R028C or W908B8C or AS1654C08 optional)	2	(a)
10	Install (Kept)	METAL COUPLING	14C33-08	2	Or a new metal coupling if a plastic coupling was removed. (a) (b)
11	Install (New)	SHROUD B	BOE2272-0002	1	Around the galley interface coupling at location 8. (f)
12	Install (New)	STRAP	BACS38K1	1	Around the top end of Shroud B. (g)
	Apply	TAPE	P29	-	To the join between Shroud A and Shroud B. Use a minimum of two wraps of tape.

FIGURE 30: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 8 SPRAY SHROUD INSTALLATION (SHEET 5 OF 6)

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Step	Task	Name	Identification	Qty	More Data
13	Install (New)	STRAP	BACS38K1	-	Around the upper water drain tubing, as shown in view B. (h)
	Install (New)	BLOCK	CR4H	-	To join the two straps. (h)
	Install (New)	STRAP	BACS38K1	-	Around the installed Shroud A, as shown in view B. (h) (i)
14	Install (New)	CLAMP 1	NMC1005-5	1	
	Install (Kept)	CLAMP 2	BACC10GE32A	1	
	Install (Kept)	WASHER	NAS1149D0332J	2	
	Install (Kept)	SCREW	BACS12GU3K17	1	
	Install (Kept)	NUT	BACN10YR3CD	1	Torque to 20 to 25 in-lb.
	Install (New)	STRAP	BACS38K1	1	To new Clamp 1.

(a) Refer to APPENDIX C for more data.

(b) Plastic coupling P/N CA62505-56BL or CA62005-56BL, is replaced by metal coupling, P/N 14C33-08, in accordance with PART 2 of this service bulletin.

(c) Refer to SOPM 20-50-06 as an accepted procedure.

(d) The end of the shroud should terminate 1.0-2.0 inches short of the left hand trunkline interface.

(e) Install with one strap, P/N BACS38K1, every 7 inches plus or minus 1 inch.

(f) Make sure the two shrouds overlap by 0.5 - 1.0 inch.

(g) Locate the strap around the shroud 0.25 inch, plus or minus 0.10 inch, from the top edge of the shroud.

(h) Install one strap and block assembly every 8 inches, plus or minus 1 inch, on straight sections and every 3 inches, plus or minus 1 inch, on curved tubing sections.

(i) Make sure not to collapse the shrouds.

FIGURE 30: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 8 SPRAY SHROUD INSTALLATION (SHEET 6 OF 6)

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This Figure applies only to: Group 1, 3-4, 6-7, 10-13.

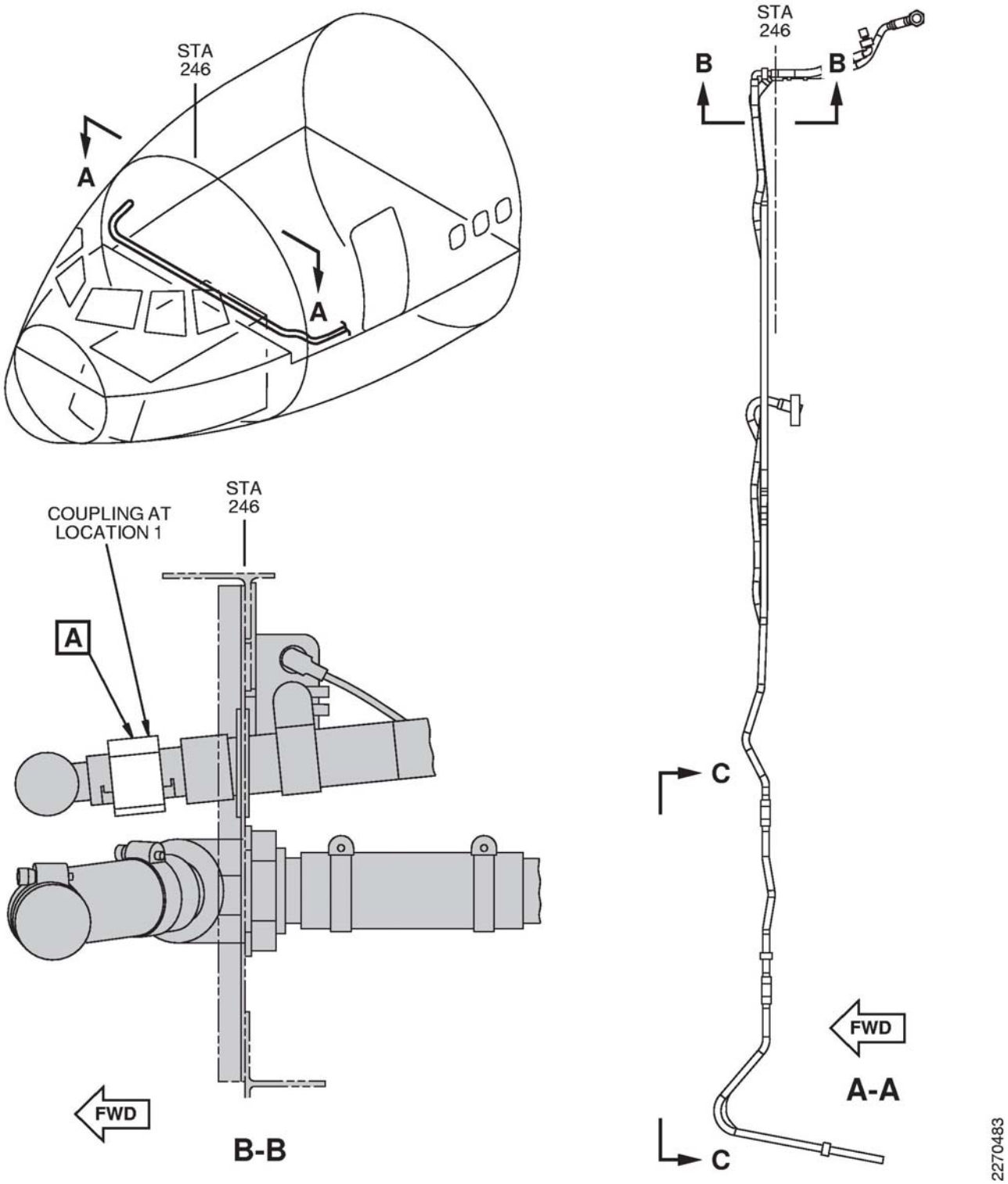
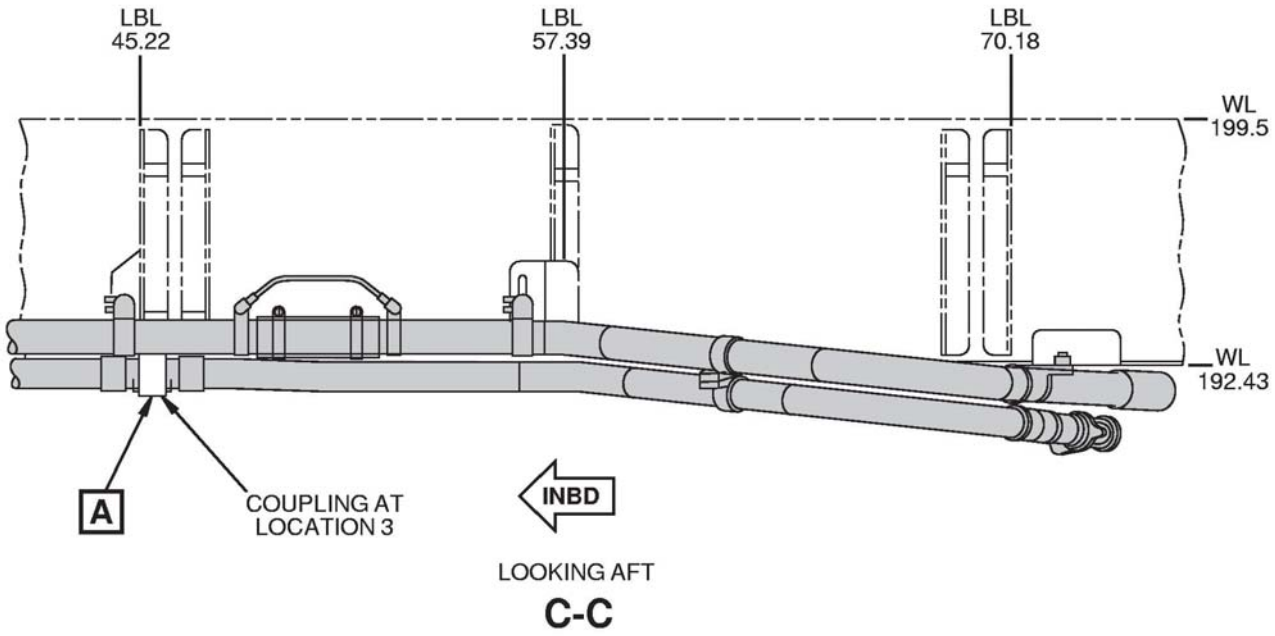
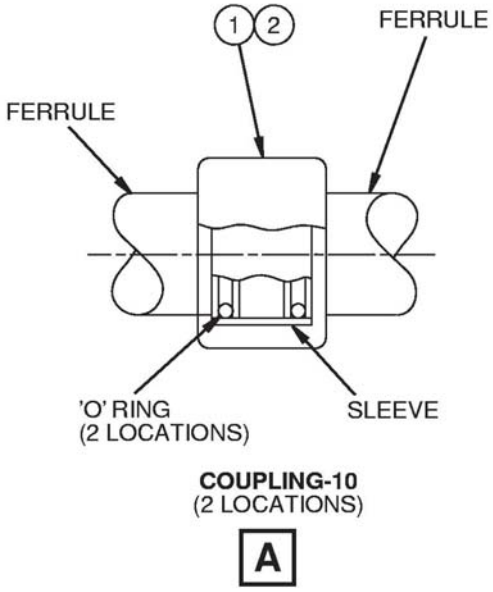


FIGURE 31: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 1 AND 3 REPLACEMENT (SHEET 1 OF 3)

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FIGURE 31: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 1 AND 3 REPLACEMENT (SHEET 2 OF 3)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings, before replacement. Refer to APPENDIX B for more information about metal and plastic couplings.

NOTE: Plastic couplings can be replaced without removal or replacement of internal parts, that include the sleeve and "O" rings. Replace sleeve and "O" rings only if a leak or problem is found with the potable water system at that coupling location.

Step	Task	Name	Identification	Qty	More Data
1	Remove	PLASTIC COUPLING	CA62506-56BL (CA62006-56BL optional)	-	At each installed location. The maximum quantity for this task is 2.
2	Install (New)	METAL COUPLING	14C33-10	-	At each location where a plastic coupling was installed. The maximum quantity for this task is 2. (a)
(a) Refer to APPENDIX C for more information.					

FIGURE 31: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 1 AND 3 REPLACEMENT
(SHEET 3 OF 3)

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This Figure applies only to: Group 1-2, 9, 11.

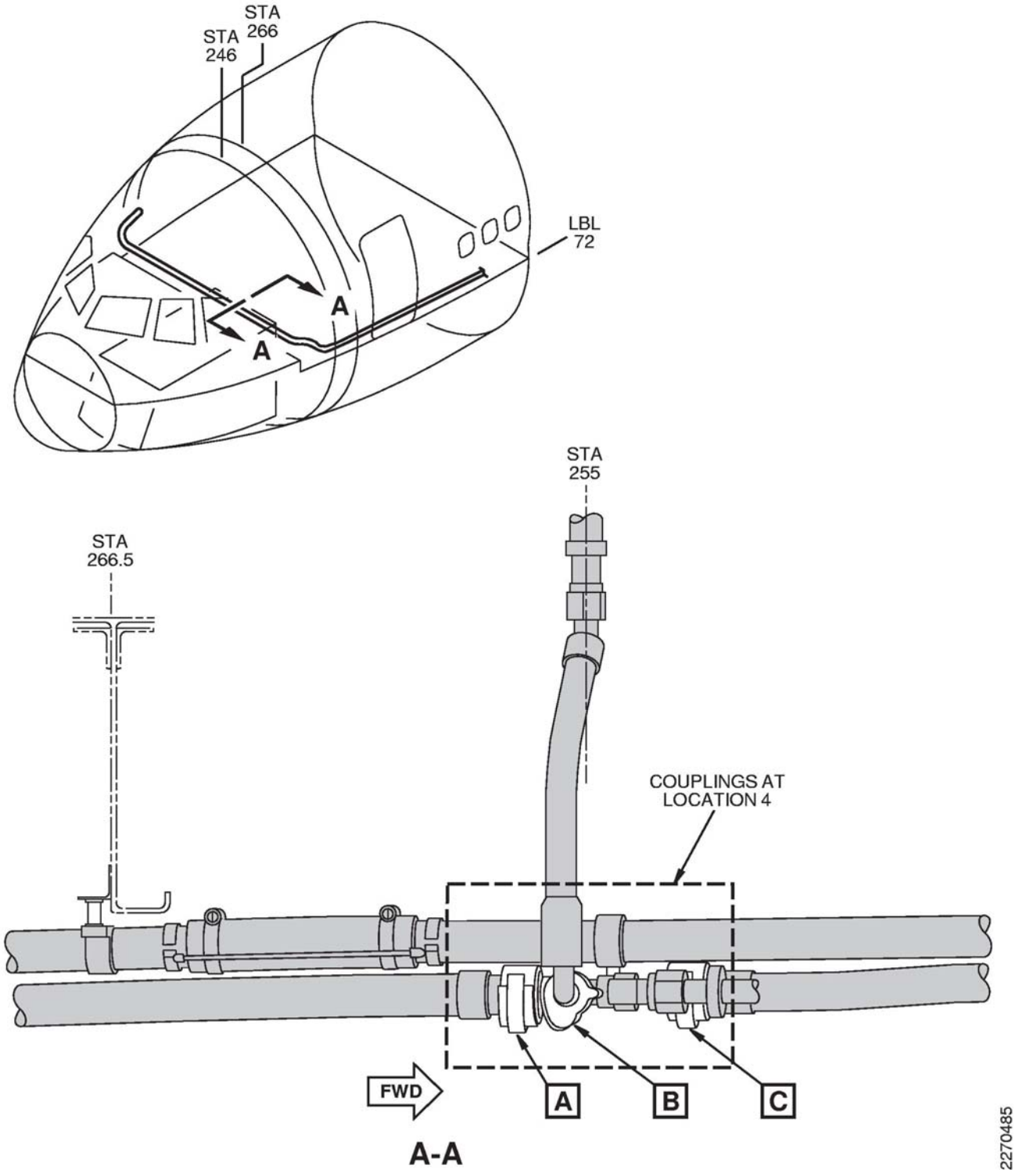


FIGURE 32: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 REPLACEMENT (SHEET 1 OF 3)

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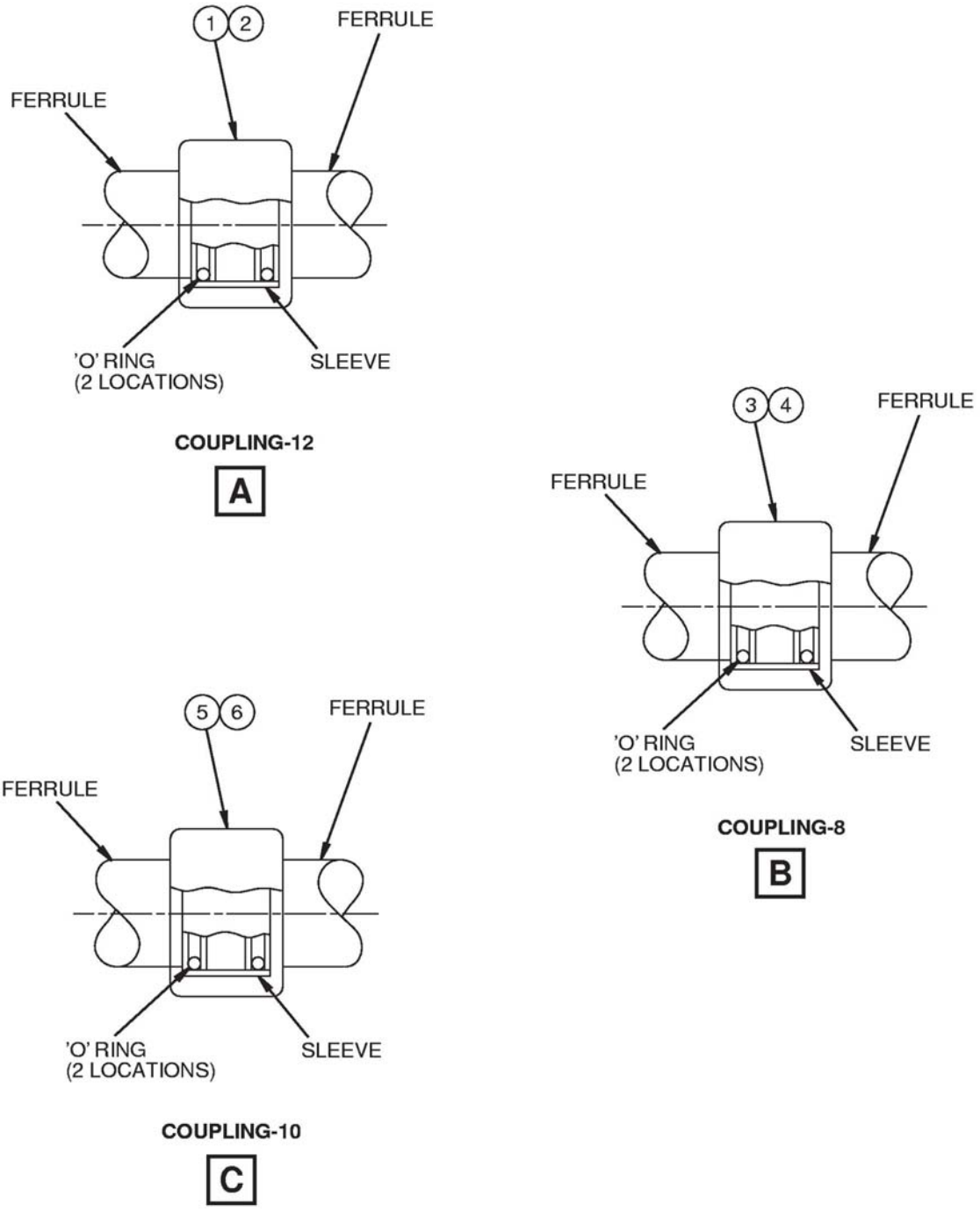


FIGURE 32: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 REPLACEMENT (SHEET 2 OF 3)

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ALERT **ALERT**

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings, before replacement. Refer to APPENDIX B for more information about metal and plastic couplings.

NOTE: Plastic couplings can be replaced without removal or replacement of internal parts, that include the sleeve and "O" rings. Replace sleeve and "O" rings only if a leak or problem is found with the potable water system at that coupling location.

Step	Task	Name	Identification	Qty	More Data
1	Remove	PLASTIC COUPLING	CA62507-56BL (CA62007-56BL optional)	-	If installed at this location. The maximum quantity for this task is 1.
2	Install (New)	METAL COUPLING	14C33-12	-	At the location where a plastic coupling was installed. The maximum quantity for this task is 1. (a)
3	Remove	PLASTIC COUPLING	CA62505-56BL (CA62005-56BL optional)	-	If installed at this location. The maximum quantity for this task is 1.
4	Install (New)	METAL COUPLING	14C33-08	-	At the location where a plastic coupling was installed. The maximum quantity for this task is 1. (a)
5	Remove	PLASTIC COUPLING	CA62506-56BL (CA62006-56BL optional)	-	If installed at this location. The maximum quantity for this task is 1.
6	Install (New)	METAL COUPLING	14C33-10	-	At the location where a plastic coupling was installed. The maximum quantity for this task is 1. (a)
(a) Refer to APPENDIX C for more information.					

FIGURE 32: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 REPLACEMENT (SHEET 3 OF 3)

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This Figure applies only to: Group 4-6, 10, 12-13.

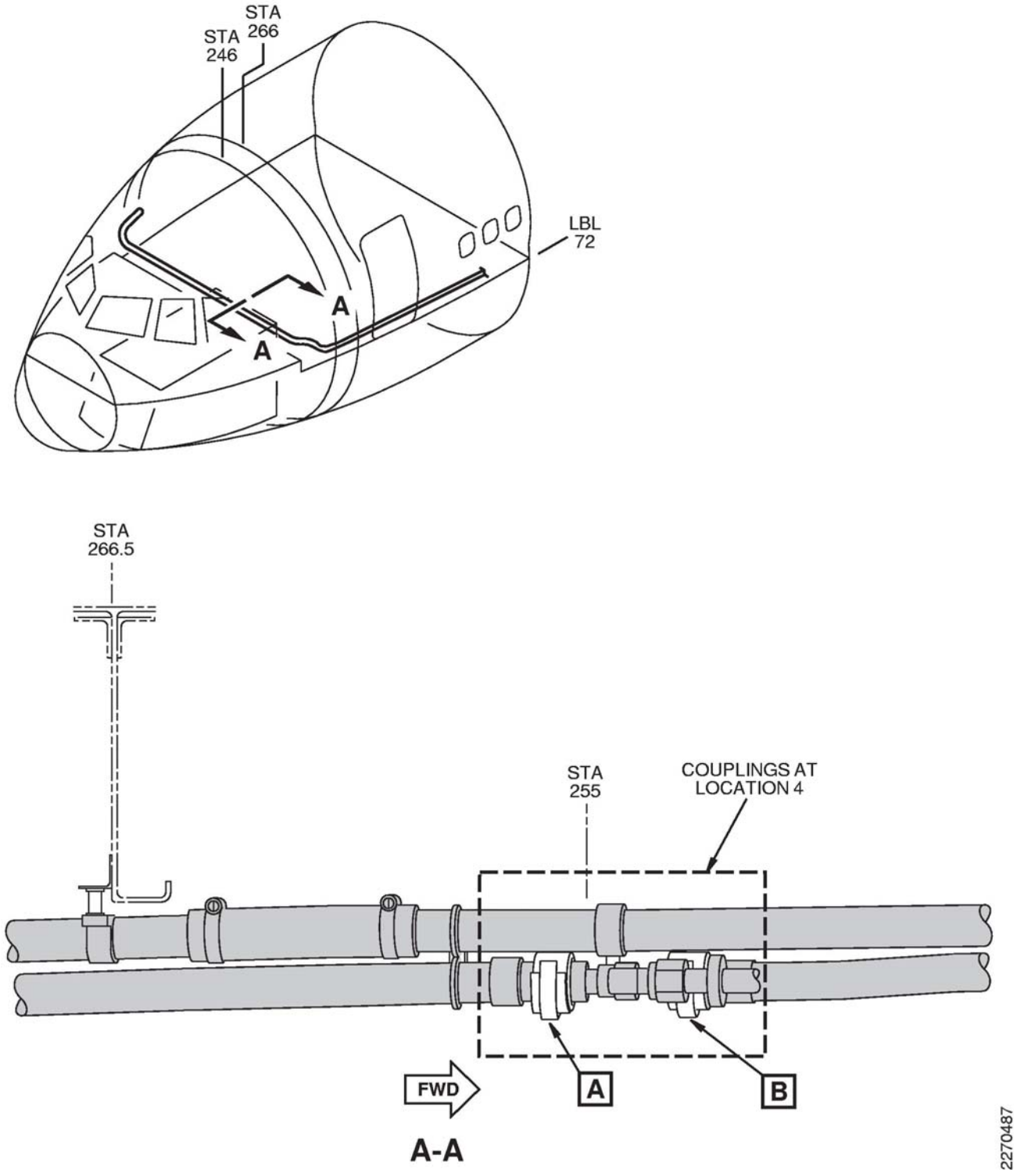
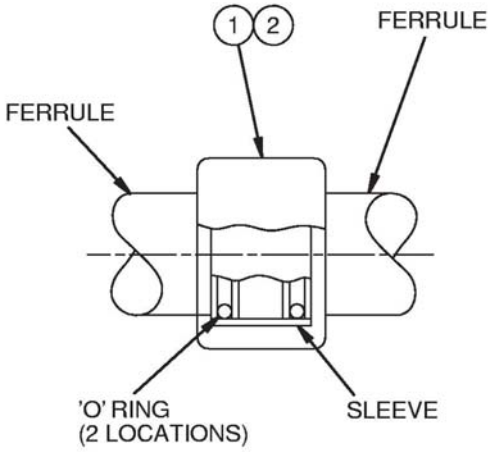


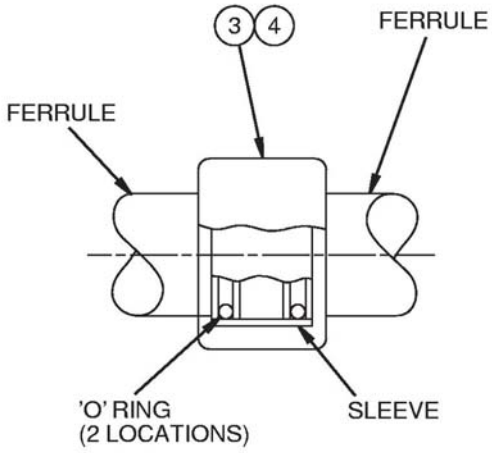
FIGURE 33: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 REPLACEMENT (SHEET 1 OF 3)

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COUPLING-12

A



COUPLING-10

B

2270488

FIGURE 33: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 REPLACEMENT (SHEET 2 OF 3)

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ALERT ALERT

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings, before replacement. Refer to APPENDIX B for more information about metal and plastic couplings.

NOTE: Plastic couplings can be replaced without removal or replacement of internal parts, that include the sleeve and "O" rings. Replace sleeve and "O" rings only if a leak or problem is found with the potable water system at that coupling location.

Step	Task	Name	Identification	Qty	More Data
1	Remove	PLASTIC COUPLING	CA62507-56BL (CA62007-56BL optional)	-	If installed at this location. The maximum quantity for this task is 1.
2	Install (New)	METAL COUPLING	14C33-12	-	At the location where a plastic coupling was installed. The maximum quantity for this task is 1. (a)
3	Remove	PLASTIC COUPLING	CA62506-56BL (CA62006-56BL optional)	-	If installed at this location. The maximum quantity for this task is 1.
4	Install (New)	METAL COUPLING	14C33-10	-	At the location where a plastic coupling was installed. The maximum quantity for this task is 1. (a)
(a) Refer to APPENDIX C for more information.					

FIGURE 33: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 REPLACEMENT
(SHEET 3 OF 3)

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This Figure applies only to: Group 7-8.

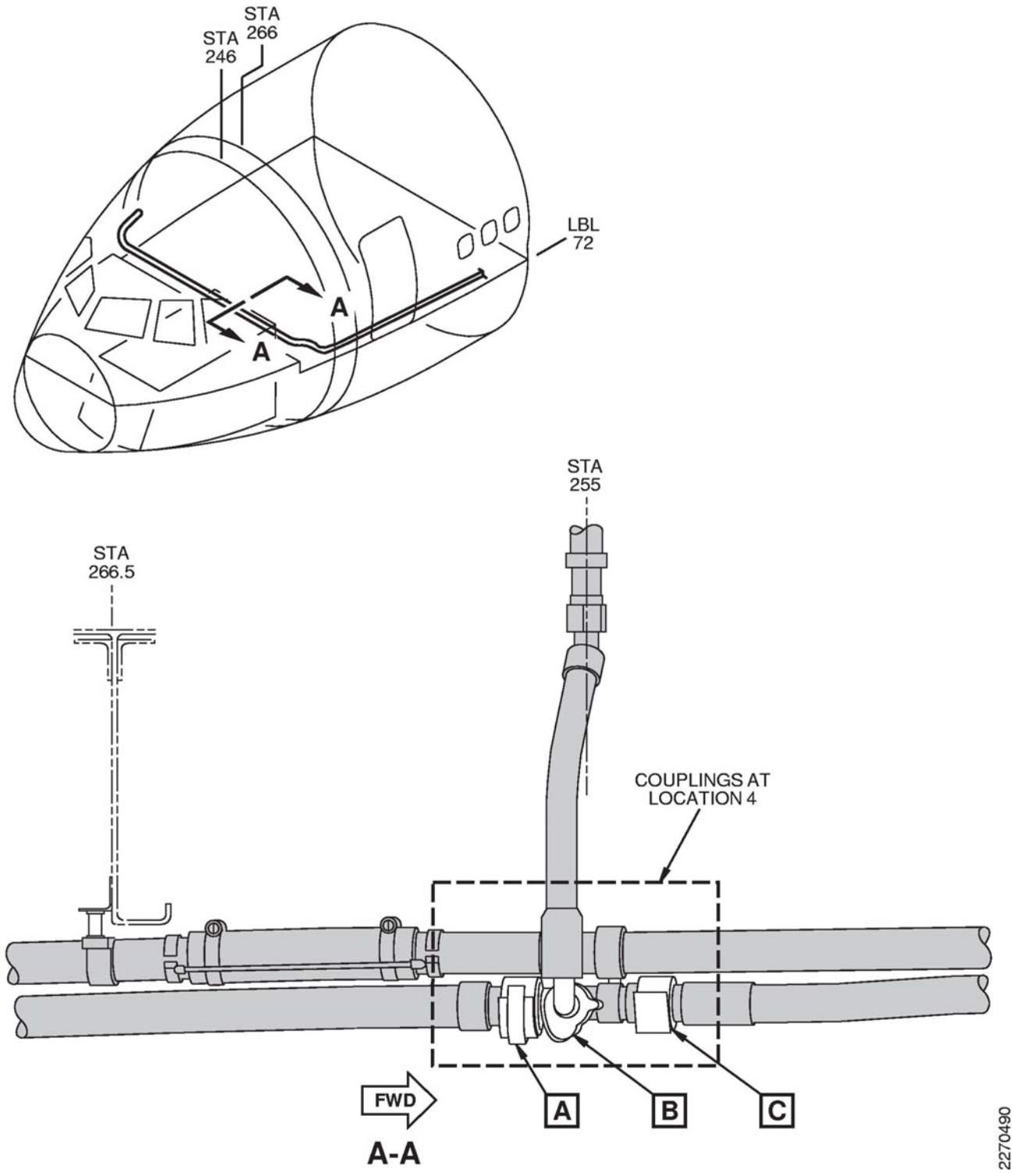


FIGURE 34: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 REPLACEMENT (SHEET 1 OF 3)

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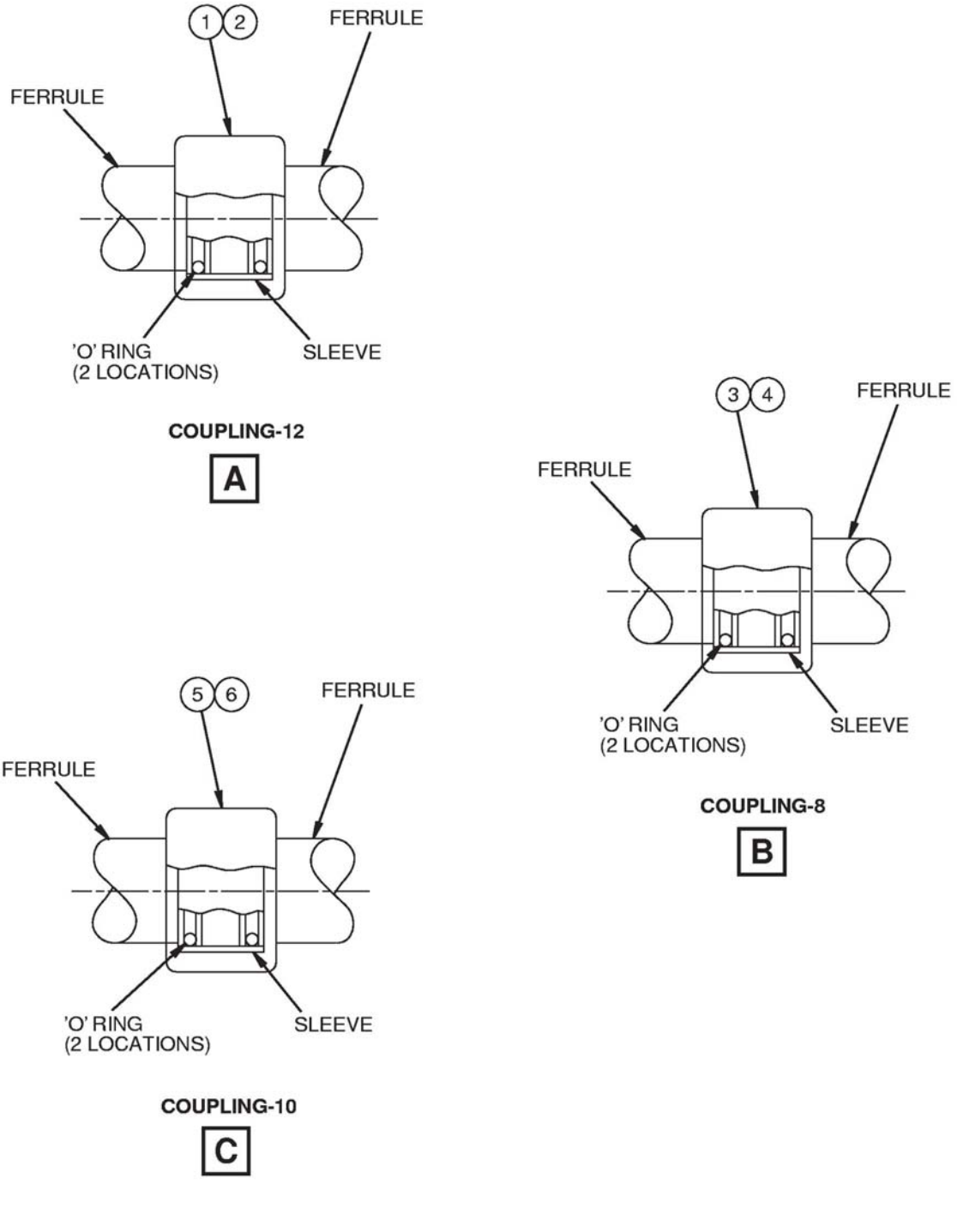


FIGURE 34: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 REPLACEMENT (SHEET 2 OF 3)

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ALERT **ALERT**

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings, before replacement. Refer to APPENDIX B for more information about metal and plastic couplings.

NOTE: Plastic couplings can be replaced without removal or replacement of internal parts, that include the sleeve and "O" rings. Replace sleeve and "O" rings only if a leak or problem is found with the potable water system at that coupling location.

Step	Task	Name	Identification	Qty	More Data
1	Remove	PLASTIC COUPLING	CA62507-56BL (CA62007-56BL optional)	-	If installed at this location. The maximum quantity for this task is 1.
2	Install (New)	METAL COUPLING	14C33-12	-	At the location where a plastic coupling was installed. The maximum quantity for this task is 1. (a)
3	Remove	PLASTIC COUPLING	CA62505-56BL (CA62005-56BL optional)	-	If installed at this location. The maximum quantity for this task is 1.
4	Install (New)	METAL COUPLING	14C33-08	-	At the location where a plastic coupling was installed. The maximum quantity for this task is 1. (a)
5	Remove	PLASTIC COUPLING	CA62506-56BL (CA62006-56BL optional)	-	If installed at this location. The maximum quantity for this task is 1.
6	Install (New)	METAL COUPLING	14C33-10	-	At the location where a plastic coupling was installed. The maximum quantity for this task is 1. (a)
(a) Refer to APPENDIX C for more information.					

FIGURE 34: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 REPLACEMENT
(SHEET 3 OF 3)

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This Figure applies only to: Group 3.

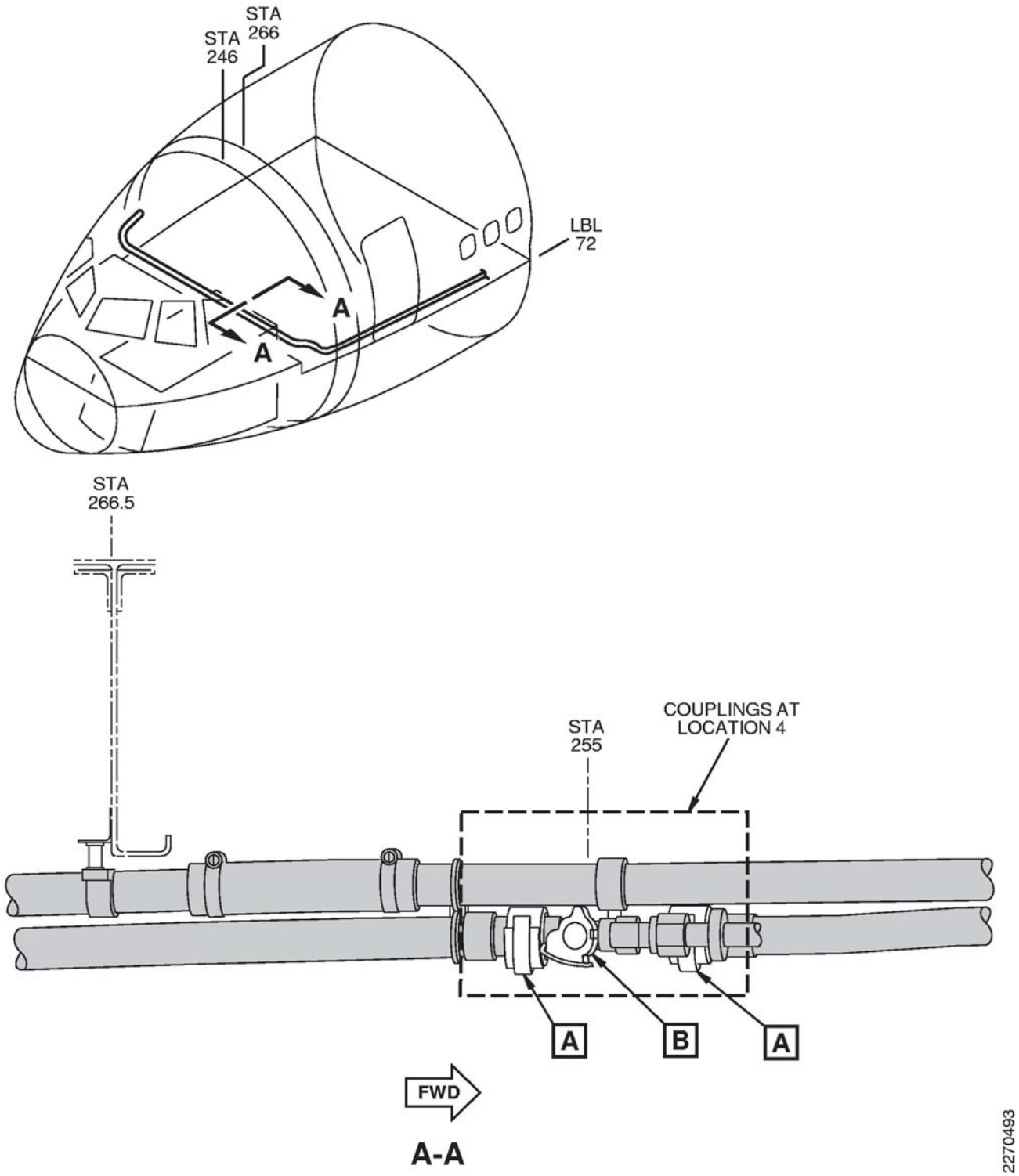


FIGURE 35: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 REPLACEMENT (SHEET 1 OF 3)

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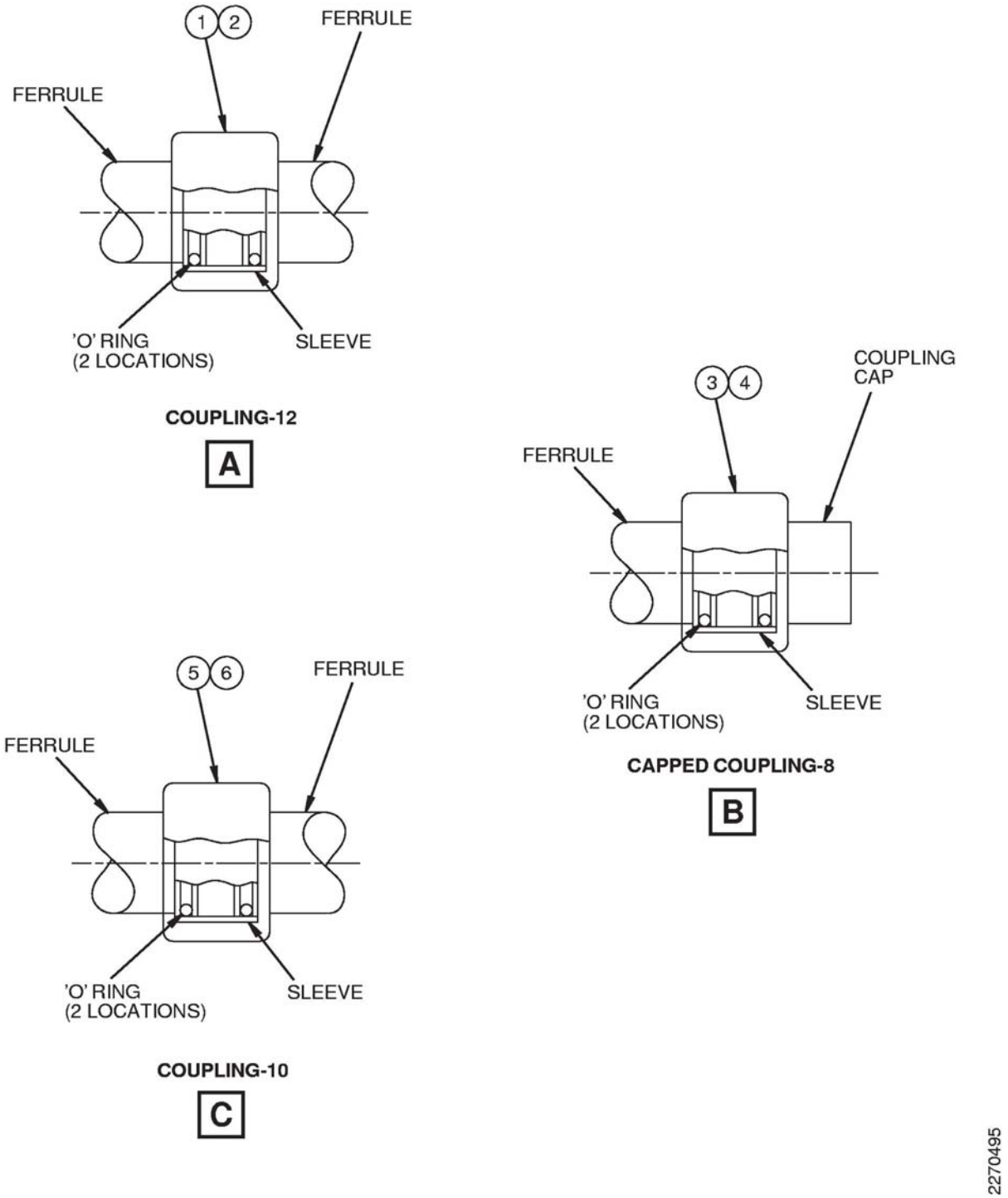


FIGURE 35: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 REPLACEMENT (SHEET 2 OF 3)

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ALERT ALERT

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings, before replacement. Refer to APPENDIX B for more information about metal and plastic couplings.

NOTE: Plastic couplings can be replaced without removal or replacement of internal parts, that include the sleeve and "O" rings. Replace sleeve and "O" rings only if a leak or problem is found with the potable water system at that coupling location.

Step	Task	Name	Identification	Qty	More Data
1	Remove	PLASTIC COUPLING	CA62507-56BL (CA62007-56BL optional)	-	If installed at this location. The maximum quantity for this task is 1.
2	Install (New)	METAL COUPLING	14C33-12	-	At the location where a plastic coupling was installed. The maximum quantity for this task is 1. (a)
3	Remove	PLASTIC COUPLING	CA62505-56BL (CA62005-56BL optional)	-	If installed at this location. The maximum quantity for this task is 1.
4	Install (New)	METAL COUPLING	14C33-08	-	At the location where a plastic coupling was installed. The maximum quantity for this task is 1. (a)
5	Remove	PLASTIC COUPLING	CA62506-56BL (CA62006-56BL optional)	-	If installed at this location. The maximum quantity for this task is 1.
6	Install (New)	METAL COUPLING	14C33-10	-	At the location where a plastic coupling was installed. The maximum quantity for this task is 1. (a)
(a) Refer to APPENDIX C for more information.					

FIGURE 35: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 4 REPLACEMENT
(SHEET 3 OF 3)

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This Figure applies only to: Group 1-2, 7-8, 11.

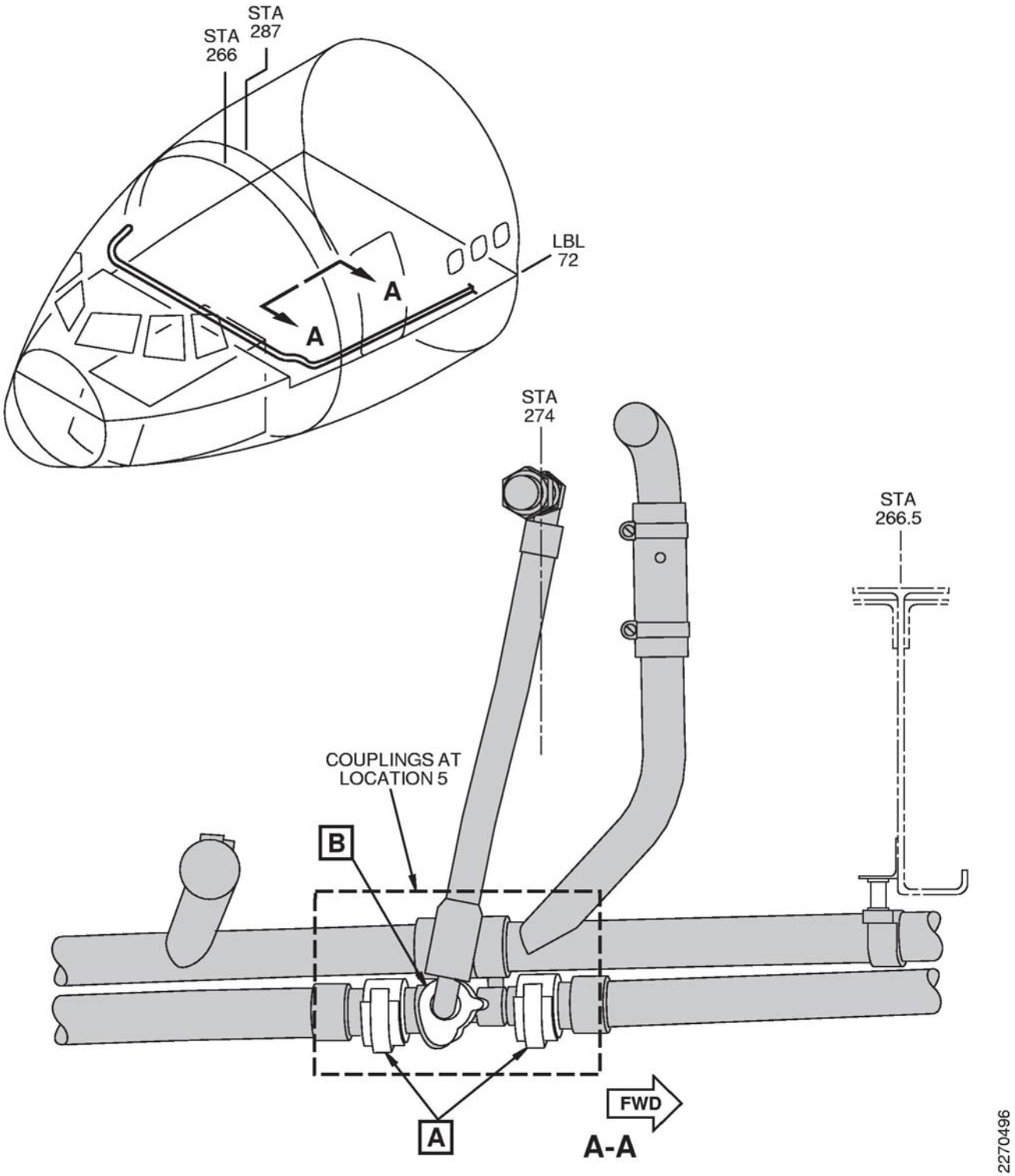
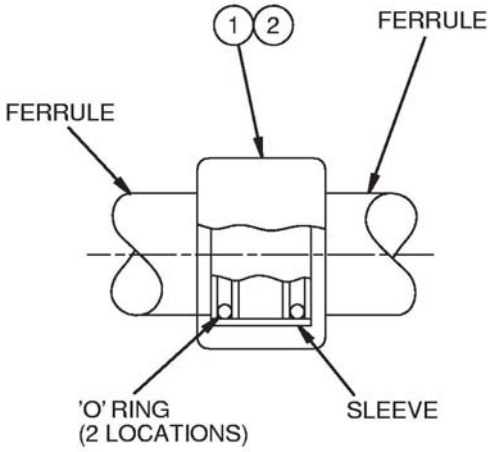


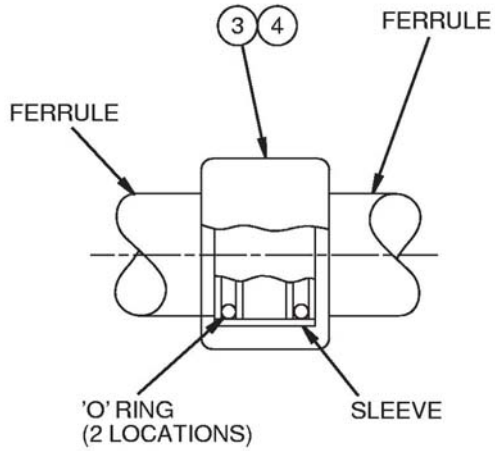
FIGURE 36: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 REPLACEMENT (SHEET 1 OF 3)

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COUPLING-12

A



COUPLING-8

B

2270499

FIGURE 36: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 REPLACEMENT (SHEET 2 OF 3)

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ALERT ALERT

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings, before replacement. Refer to APPENDIX B for more information about metal and plastic couplings.

NOTE: Plastic couplings can be replaced without removal or replacement of internal parts, that include the sleeve and "O" rings. Replace sleeve and "O" rings only if a leak or problem is found with the potable water system at that coupling location.

Step	Task	Name	Identification	Qty	More Data
1	Remove	PLASTIC COUPLING	CA62507-56BL (CA62007-56BL optional)	-	At each installed location. The maximum quantity for this task is 2.
2	Install (New)	METAL COUPLING	14C33-12	-	At each location where a plastic coupling was installed. The maximum quantity for this task is 2. (a)
3	Remove	PLASTIC COUPLING	CA62505-56BL (CA62005-56BL optional)	-	If installed at this location. The maximum quantity for this task is 1.
4	Install (New)	METAL COUPLING	14C33-08	-	At the location where a plastic coupling was installed. The maximum quantity for this task is 1. (a)
(a) Refer to APPENDIX C for more information.					

FIGURE 36: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 REPLACEMENT (SHEET 3 OF 3)

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This Figure applies only to: Group 4-5, 12.

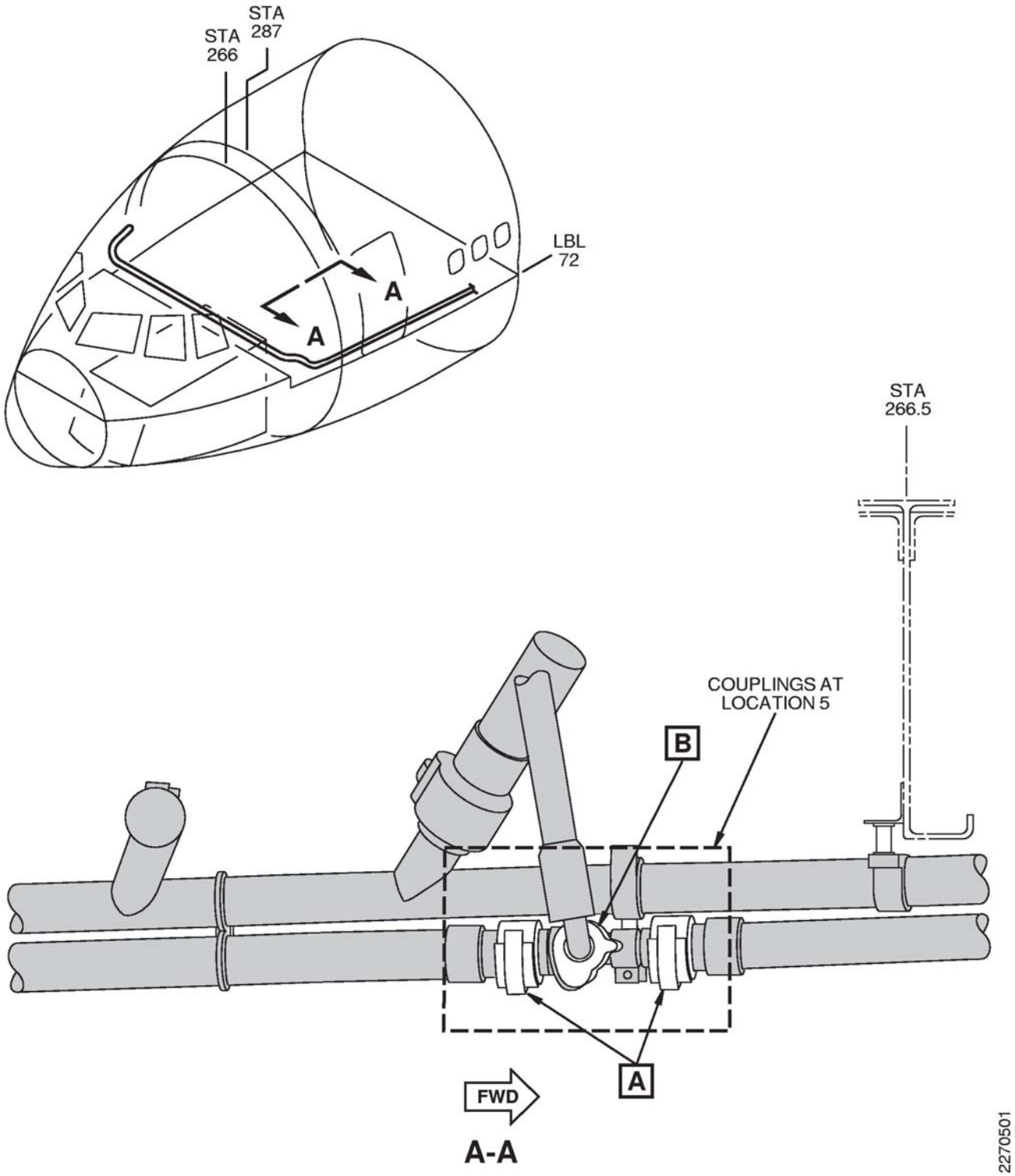
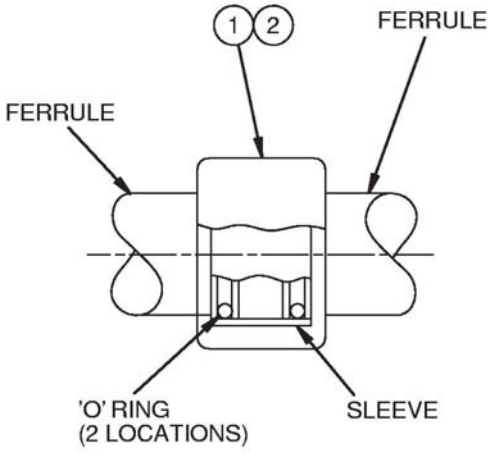


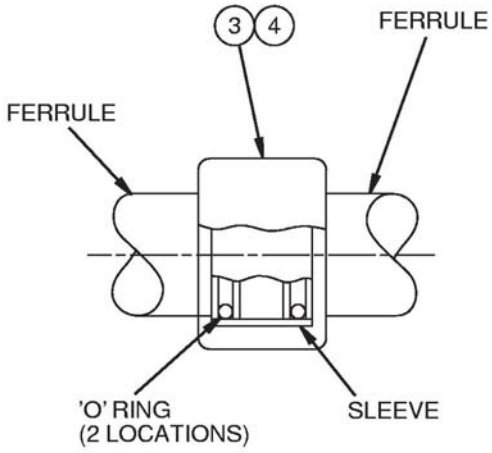
FIGURE 37: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 REPLACEMENT (SHEET 1 OF 3)

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COUPLING-12

A



COUPLING-8

B

2270502

FIGURE 37: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 REPLACEMENT (SHEET 2 OF 3)

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ALERT ALERT

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings, before replacement. Refer to APPENDIX B for more information about metal and plastic couplings.

NOTE: Plastic couplings can be replaced without removal or replacement of internal parts, that include the sleeve and "O" rings. Replace sleeve and "O" rings only if a leak or problem is found with the potable water system at that coupling location.

Step	Task	Name	Identification	Qty	More Data
1	Remove	PLASTIC COUPLING	CA62507-56BL (CA62007-56BL optional)	-	At each installed location. The maximum quantity for this task is 2.
2	Install (New)	METAL COUPLING	14C33-12	-	At each location where a plastic coupling was installed. The maximum quantity for this task is 2. (a)
3	Remove	PLASTIC COUPLING	CA62505-56BL (CA62005-56BL optional)	-	If installed at this location. The maximum quantity for this task is 1.
4	Install (New)	METAL COUPLING	14C33-08	-	At the location where a plastic coupling was installed. The maximum quantity for this task is 1. (a)
(a) Refer to APPENDIX C for more information.					

FIGURE 37: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 REPLACEMENT
(SHEET 3 OF 3)

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ALERT ALERT

This Figure applies only to: Group 9.

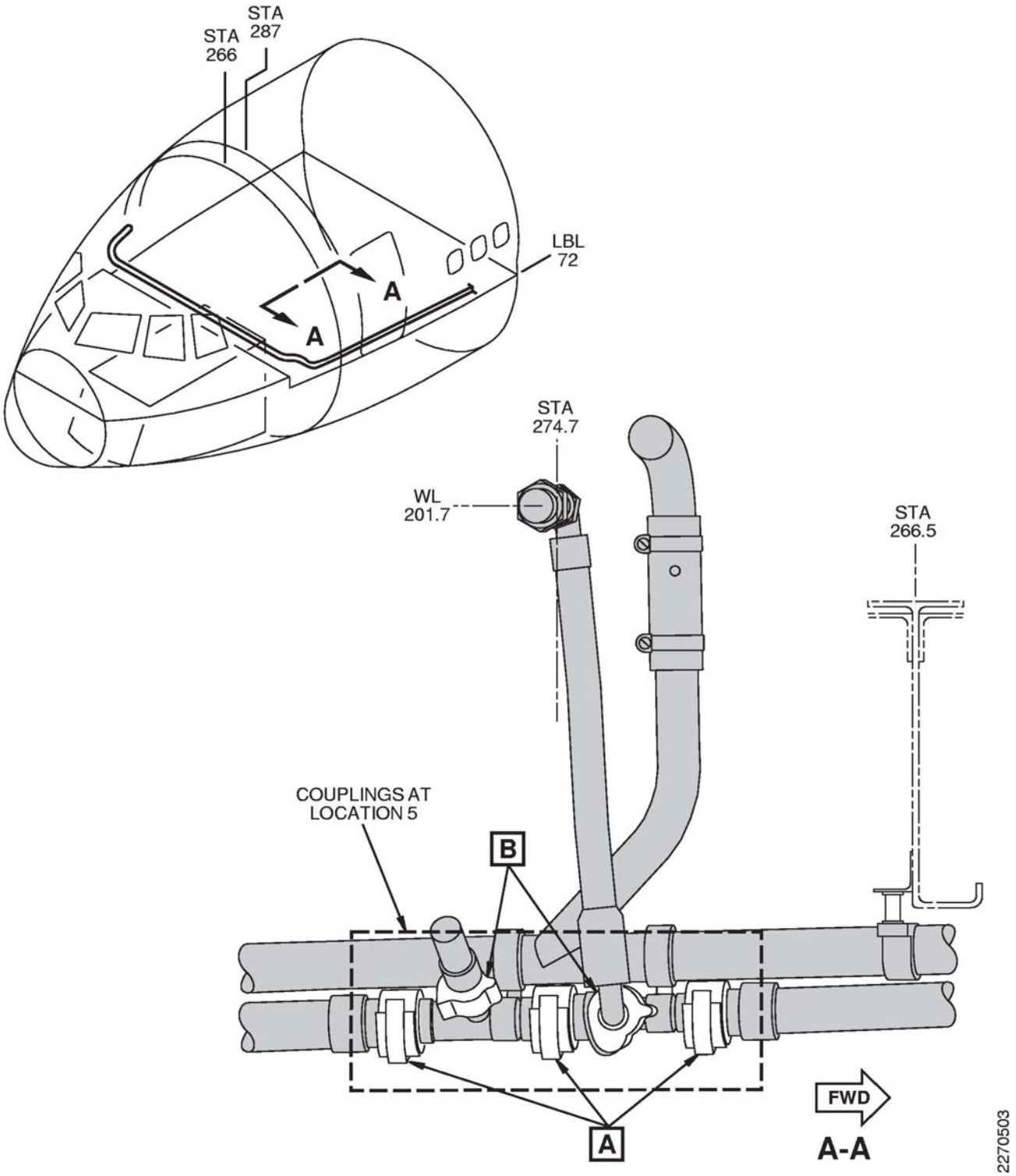
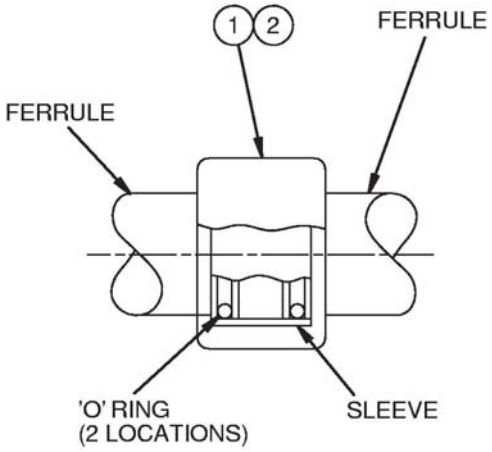


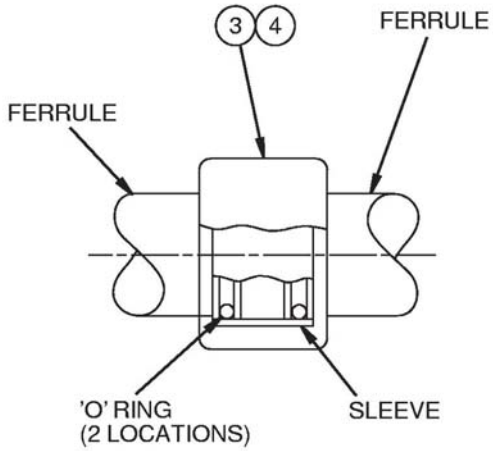
FIGURE 38: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 REPLACEMENT (SHEET 1 OF 3)

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COUPLING-12

A



COUPLING-8

B

2270504

FIGURE 38: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 REPLACEMENT (SHEET 2 OF 3)

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ALERT **ALERT**

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings, before replacement. Refer to APPENDIX B for more information about metal and plastic couplings.

NOTE: Plastic couplings can be replaced without removal or replacement of internal parts, that include the sleeve and "O" rings. Replace sleeve and "O" rings only if a leak or problem is found with the potable water system at that coupling location.

Step	Task	Name	Identification	Qty	More Data
1	Remove	PLASTIC COUPLING	CA62507-56BL (CA62007-56BL optional)	-	At each installed location. The maximum quantity for this task is 3.
2	Install (New)	METAL COUPLING	14C33-12	-	At each location where a plastic coupling was installed. The maximum quantity for this task is 3. (a)
3	Remove	PLASTIC COUPLING	CA62505-56BL (CA62005-56BL optional)	-	At each installed location. The maximum quantity for this task is 2.
4	Install (New)	METAL COUPLING	14C33-08	-	At each location where a plastic coupling was installed. The maximum quantity for this task is 2. (a)
(a) Refer to APPENDIX C for more information.					

FIGURE 38: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 REPLACEMENT
(SHEET 3 OF 3)

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ALERT ALERT

This Figure applies only to: Group 6, 10, 13.

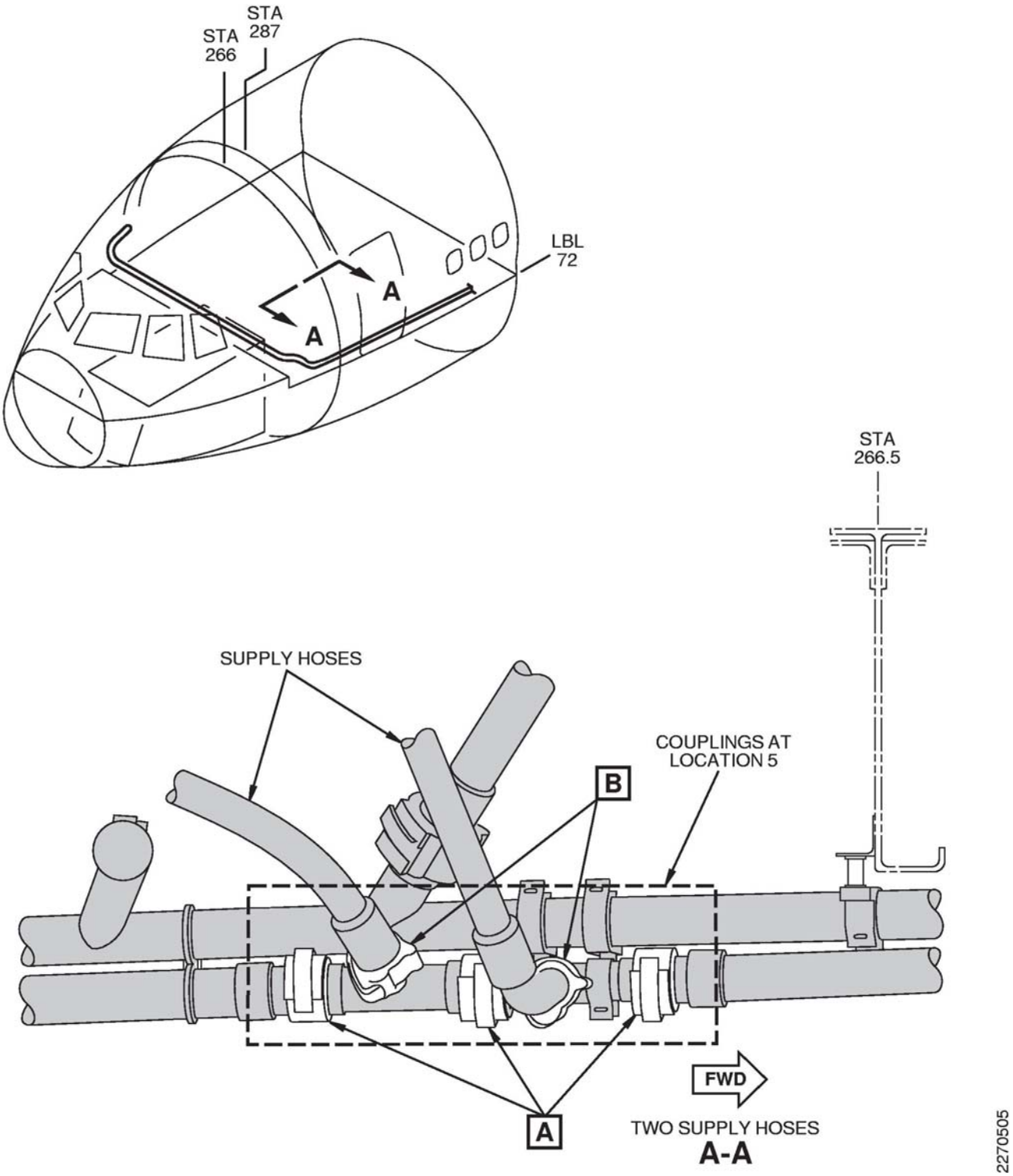


FIGURE 39: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 REPLACEMENT (SHEET 1 OF 5)

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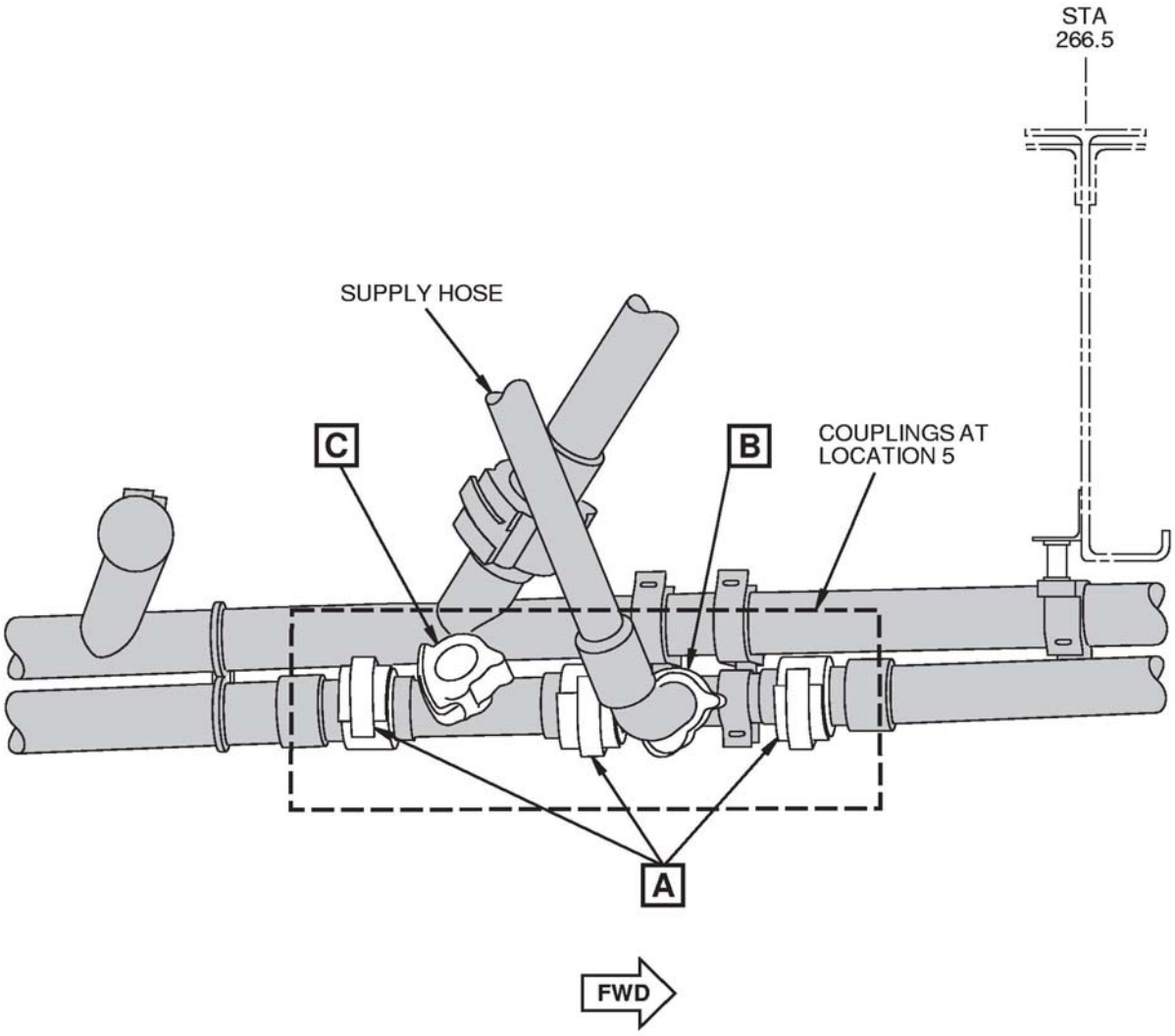


FIGURE 39: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 REPLACEMENT
(SHEET 2 OF 5)

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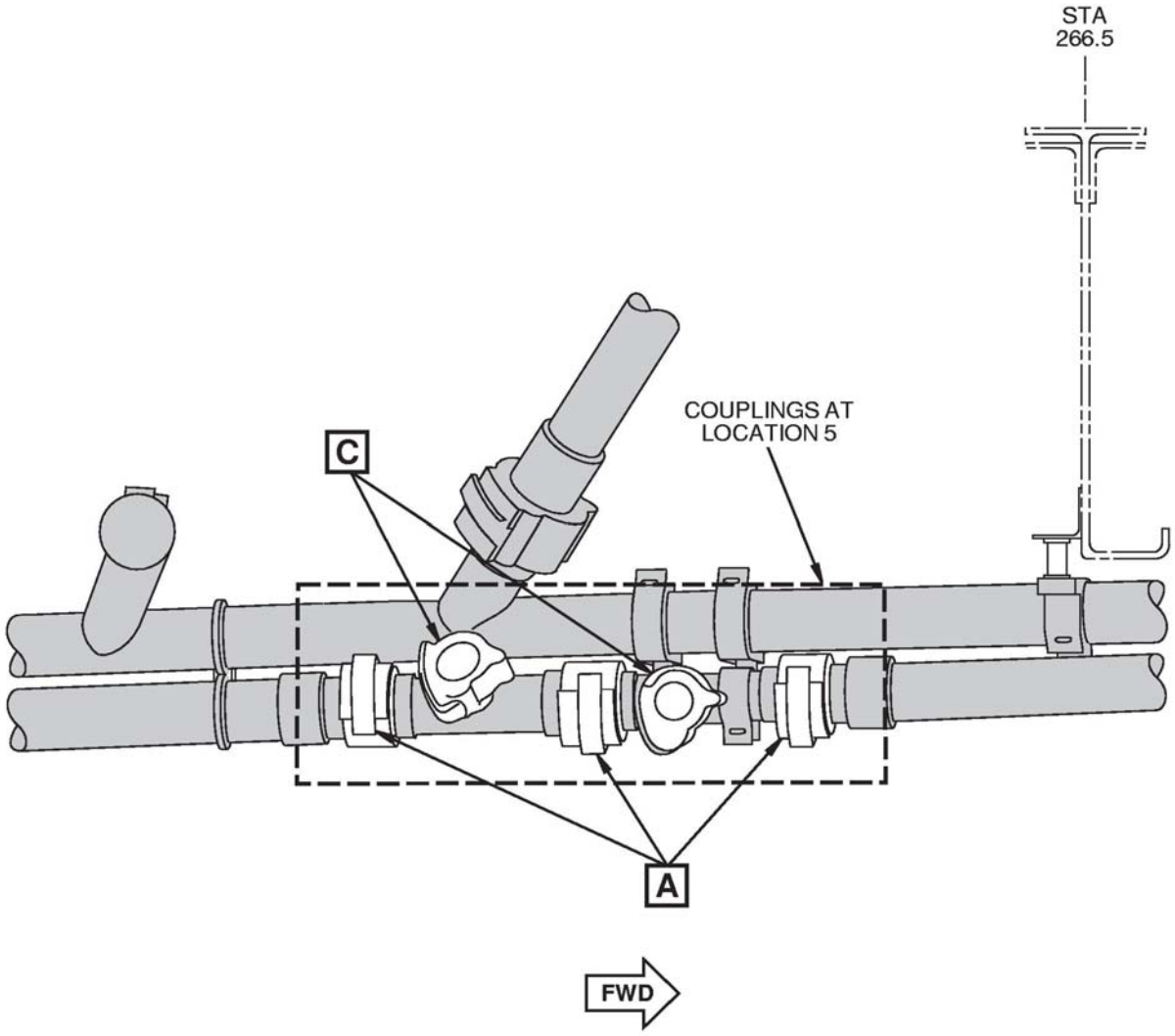


FIGURE 39: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 REPLACEMENT
(SHEET 3 OF 5)

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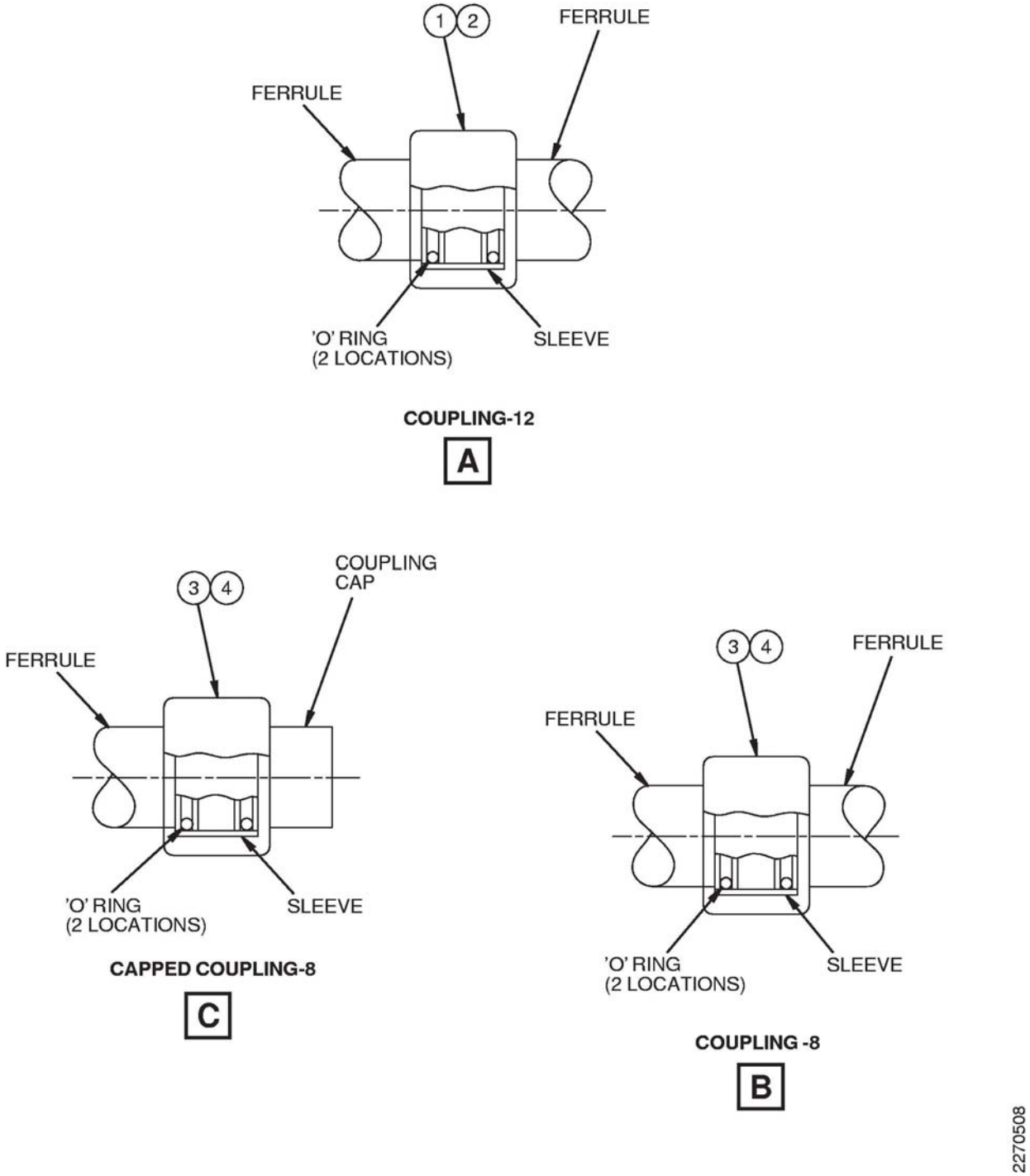


FIGURE 39: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 REPLACEMENT
(SHEET 4 OF 5)

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ALERT ALERT

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings, before replacement. Refer to APPENDIX B for more information about metal and plastic couplings.

NOTE: Plastic couplings can be replaced without removal or replacement of internal parts, that include the sleeve and "O" rings. Replace sleeve and "O" rings only if a leak or problem is found with the potable water system at that coupling location.

Step	Task	Name	Identification	Qty	More Data
1	Remove	PLASTIC COUPLING	CA62507-56BL (CA62007-56BL optional)	-	At each installed location. The maximum quantity for this task is 3.
2	Install (New)	METAL COUPLING	14C33-12	-	At each location where a plastic coupling was installed. The maximum quantity for this task is 3. (a)
3	Remove	PLASTIC COUPLING	CA62505-56BL (CA62005-56BL optional)	-	At each installed location. The maximum quantity for this task is 2.
4	Install (New)	METAL COUPLING	14C33-08	-	At each location where a plastic coupling was installed. The maximum quantity for this task is 2. (a)
(a) Refer to APPENDIX C for more information.					

FIGURE 39: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 REPLACEMENT (SHEET 5 OF 5)

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This Figure applies only to: Group 3.

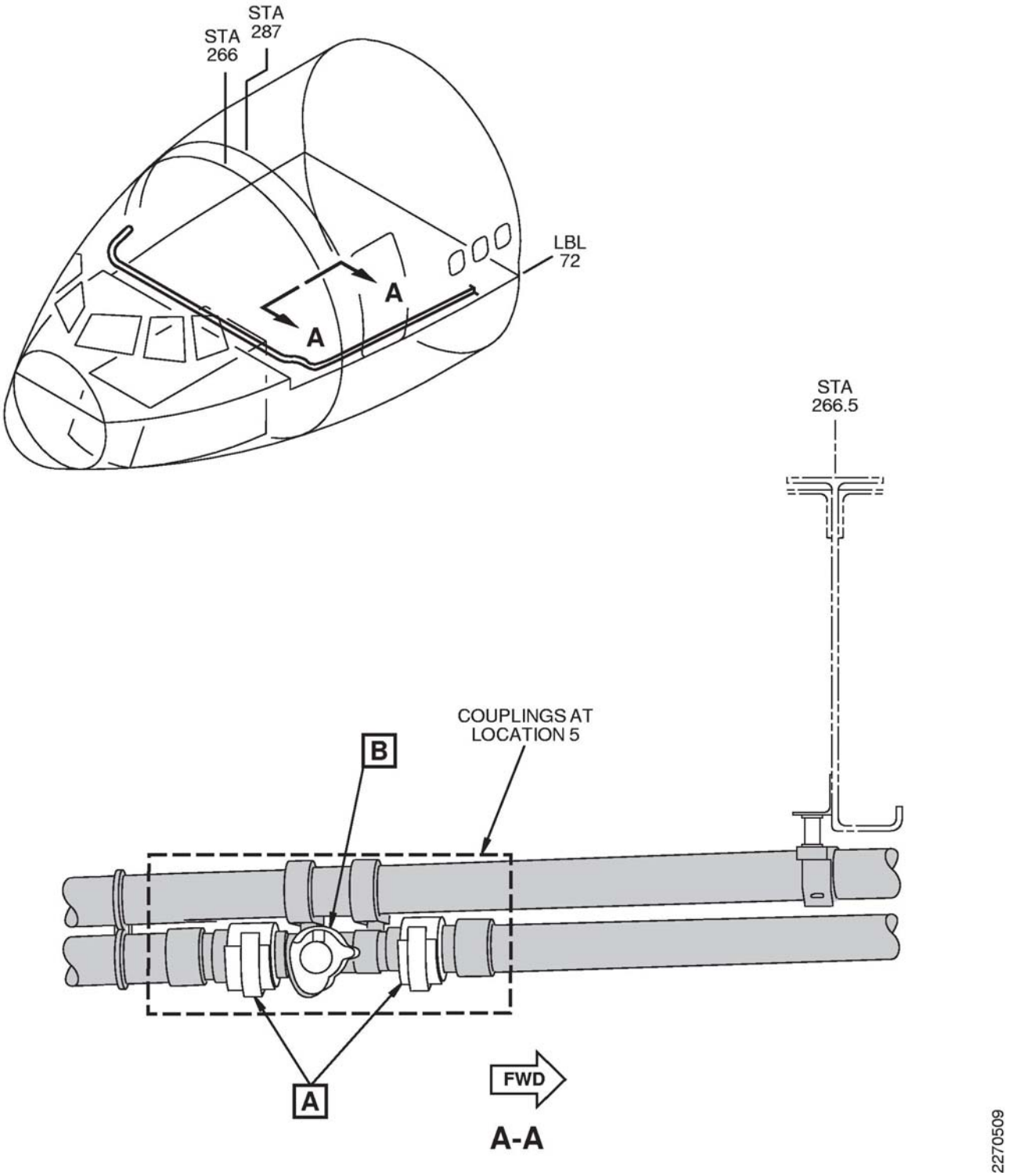
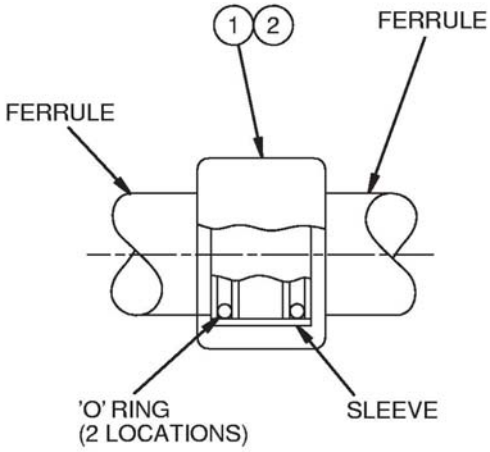


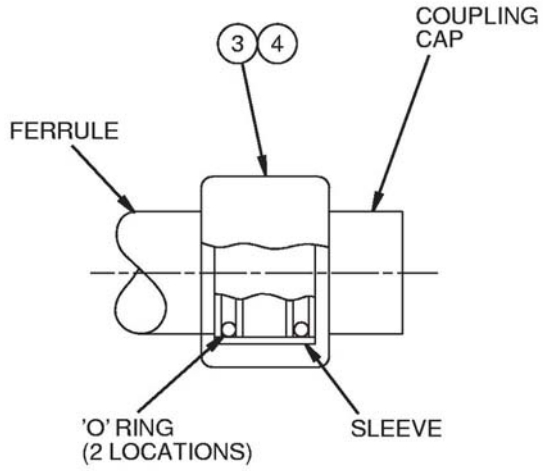
FIGURE 40: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 REPLACEMENT (SHEET 1 OF 3)

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COUPLING-12

A



CAPPED COUPLING-8

B

2270510

FIGURE 40: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 REPLACEMENT (SHEET 2 OF 3)

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ALERT **ALERT**

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings, before replacement. Refer to APPENDIX B for more information about metal and plastic couplings.

NOTE: Plastic couplings can be replaced without removal or replacement of internal parts, that include the sleeve and "O" rings. Replace sleeve and "O" rings only if a leak or problem is found with the potable water system at that coupling location.

Step	Task	Name	Identification	Qty	More Data
1	Remove	PLASTIC COUPLING	CA62507-56BL (CA62007-56BL optional)	-	At each installed location. The maximum quantity for this task is 2.
2	Install (New)	METAL COUPLING	14C33-12	-	At each location where a plastic coupling was installed. The maximum quantity for this task is 2. (a)
3	Remove	PLASTIC COUPLING	CA62505-56BL (CA62005-56BL optional)	-	If installed at this location. The maximum quantity for this task is 1.
4	Install (New)	METAL COUPLING	14C33-08	-	At the location where a plastic coupling was installed. The maximum quantity for this task is 1. (a)
(a) Refer to APPENDIX C for more information.					

FIGURE 40: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 5 REPLACEMENT
(SHEET 3 OF 3)

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ALERT ALERT

This Figure applies only to: Group 5, 10, 12.

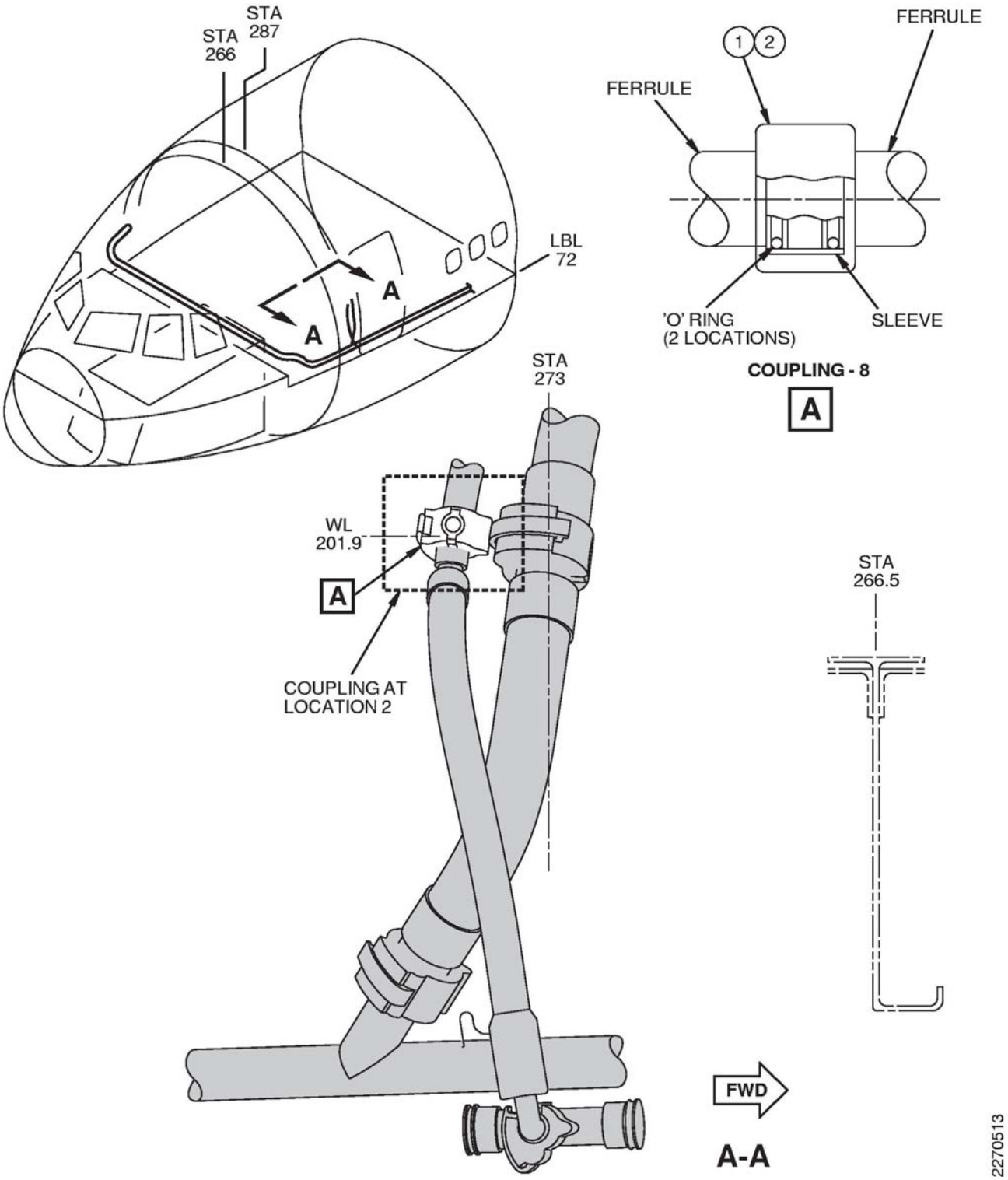


FIGURE 41: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 2 REPLACEMENT
(SHEET 1 OF 2)

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ALERT **ALERT**

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings, before replacement. Refer to APPENDIX B for more information about metal and plastic couplings.

NOTE: Plastic couplings can be replaced without removal or replacement of internal parts, that include the sleeve and "O" rings. Replace sleeve and "O" rings only if a leak or problem is found with the potable water system at that coupling location.

Step	Task	Name	Identification	Qty	More Data
1	Remove	PLASTIC COUPLING	CA62505-56BL (CA62005-56BL optional)	-	If installed at this location. The maximum quantity for this task is 1.
2	Install (New)	METAL COUPLING	14C33-08	-	At the location where a plastic coupling was installed. The maximum quantity for this task is 1. (a)
(a) Refer to APPENDIX C for more information.					

FIGURE 41: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 2 REPLACEMENT
(SHEET 2 OF 2)

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This Figure applies only to: Group 11.

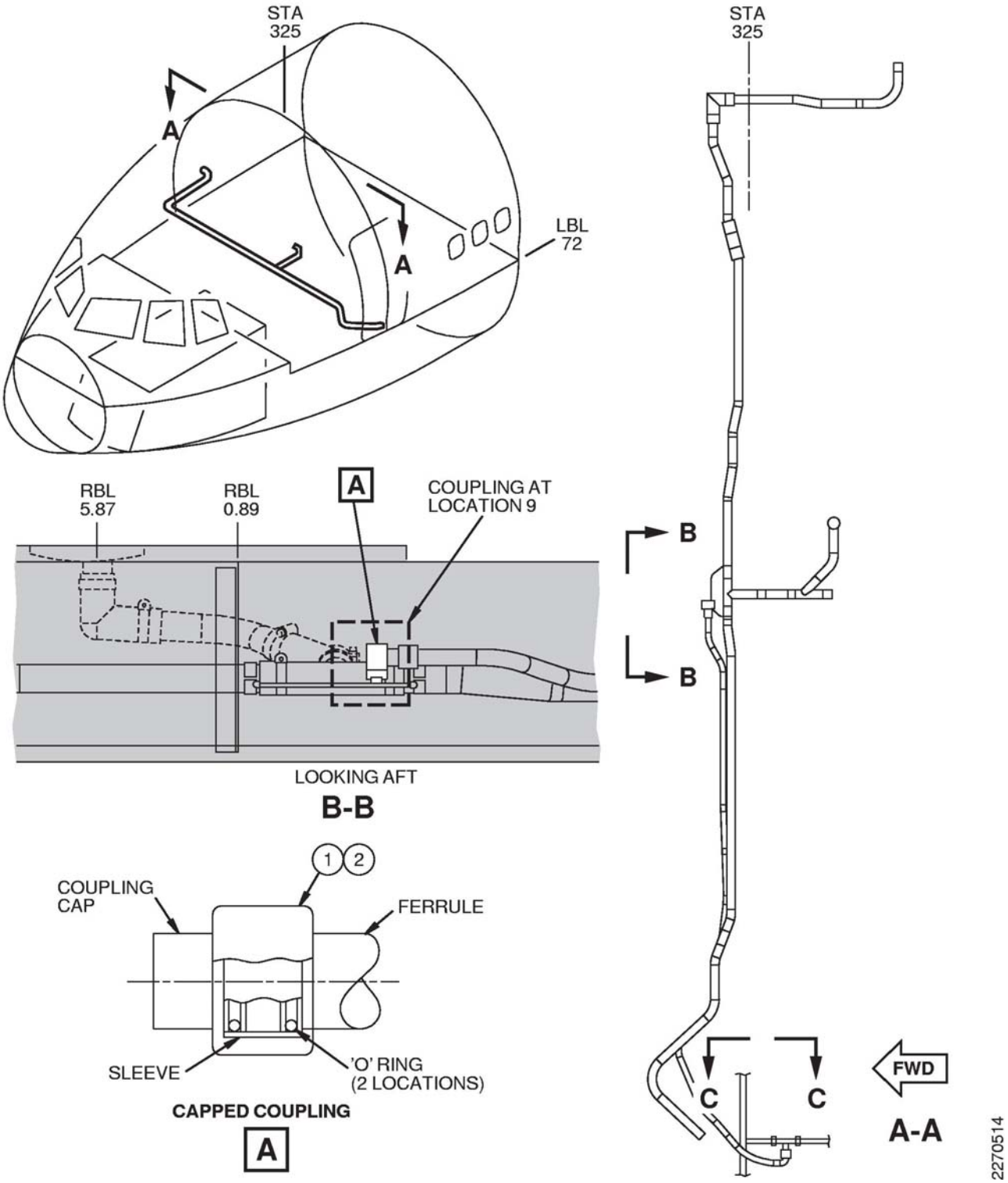


FIGURE 42: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 6 AND 9 REPLACEMENT (SHEET 1 OF 3)

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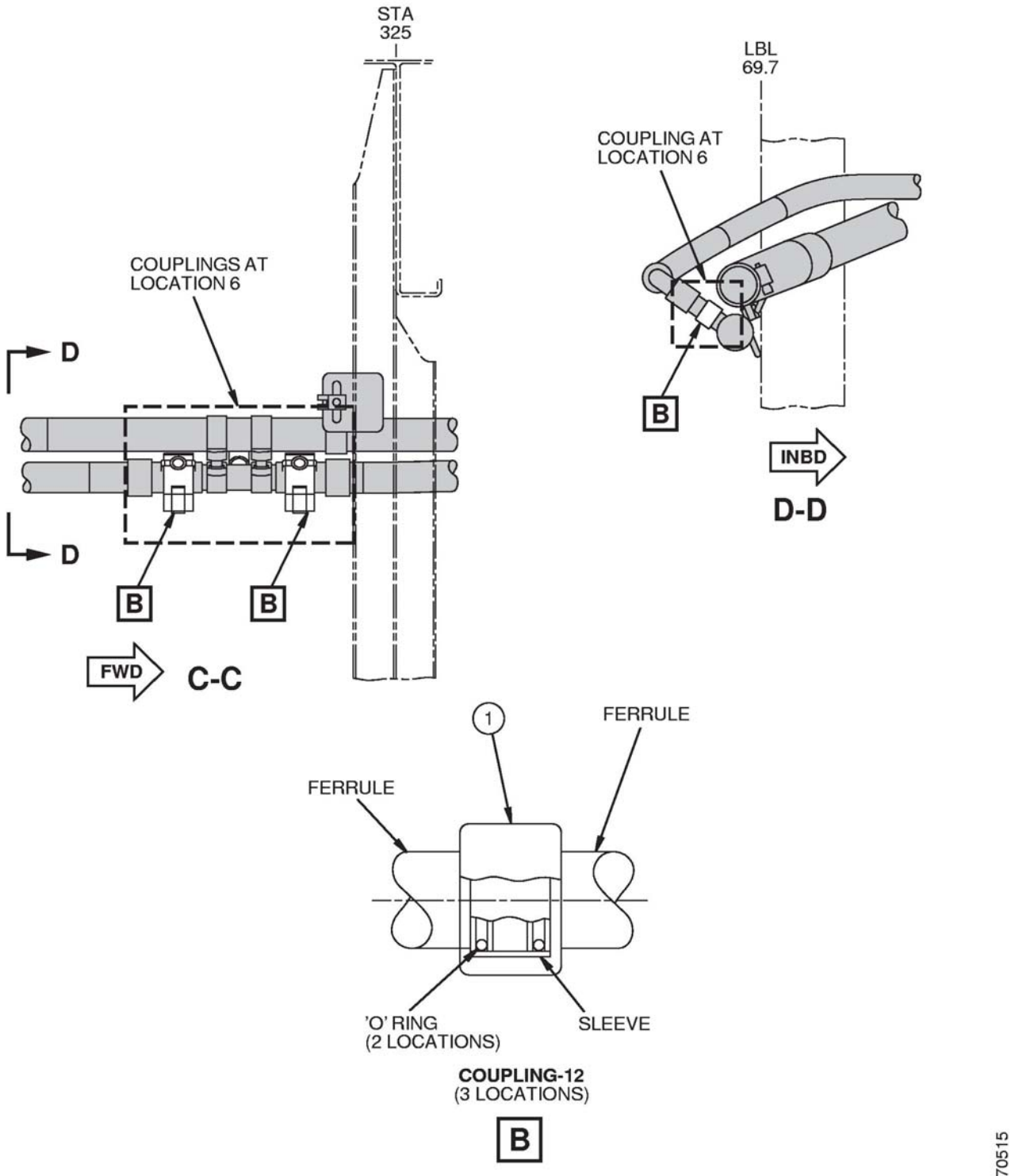


FIGURE 42: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 6 AND 9 REPLACEMENT (SHEET 2 OF 3)

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The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings, before replacement. Refer to APPENDIX B for more information about metal and plastic couplings.

NOTE: Plastic couplings can be replaced without removal or replacement of internal parts, that include the sleeve and "O" rings. Replace sleeve and "O" rings only if a leak or problem is found with the potable water system at that coupling location.

Step	Task	Name	Identification	Qty	More Data
1	Remove	PLASTIC COUPLING	CA62507-56BL (CA62007-56BL optional)	-	At each installed location. The maximum quantity for this task is 2.
2	Install (New)	METAL COUPLING	14C33-12	-	At each location where a plastic coupling was installed. The maximum quantity for this task is 2. (a)
3	Remove	PLASTIC COUPLING	CA62505-56BL (CA62005-56BL optional)	-	At each installed location. The maximum quantity for this task is 2.
4	Install (New)	METAL COUPLING	14C33-08	-	At each location where a plastic coupling was installed. The maximum quantity for this task is 2. (a)
(a) Refer to APPENDIX C for more information.					

FIGURE 42: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 6 AND 9 REPLACEMENT (SHEET 3 OF 3)

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This Figure applies only to: Group 9.

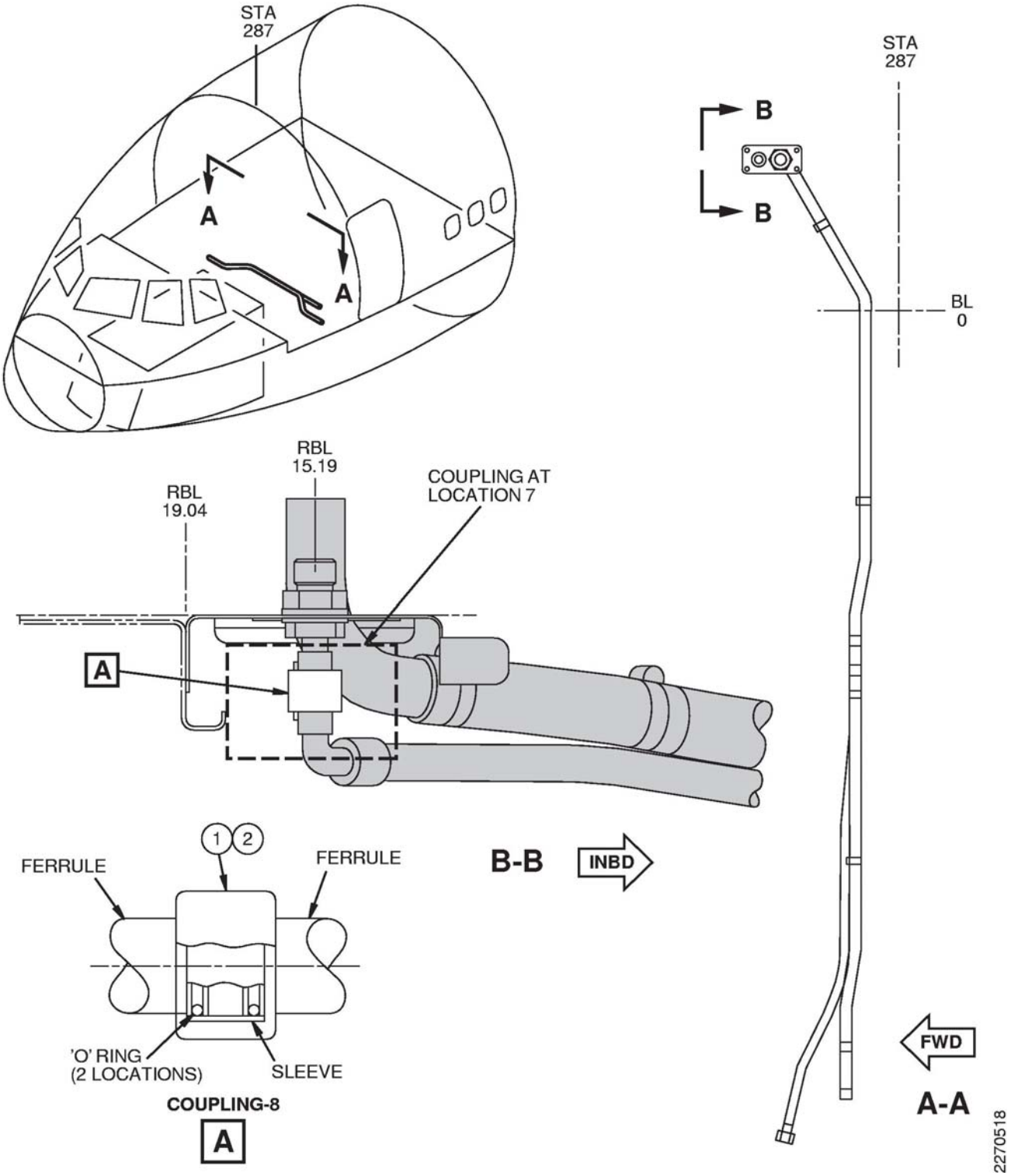


FIGURE 43: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 7 REPLACEMENT
(SHEET 1 OF 2)

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ALERT **ALERT**

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings, before replacement. Refer to APPENDIX B for more information about metal and plastic couplings.

NOTE: Plastic couplings can be replaced without removal or replacement of internal parts, that include the sleeve and "O" rings. Replace sleeve and "O" rings only if a leak or problem is found with the potable water system at that coupling location.

Step	Task	Name	Identification	Qty	More Data
1	Remove	PLASTIC COUPLING	CA62505-56BL (CA62005-56BL optional)	-	If installed at this location. The maximum quantity for this task is 1.
2	Install (New)	METAL COUPLING	14C33-08	-	At the location where a plastic coupling was installed. The maximum quantity for this task is 1. (a)
(a) Refer to APPENDIX C for more information.					

FIGURE 43: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 7 REPLACEMENT
(SHEET 2 OF 2)

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This Figure applies only to: Group 10.

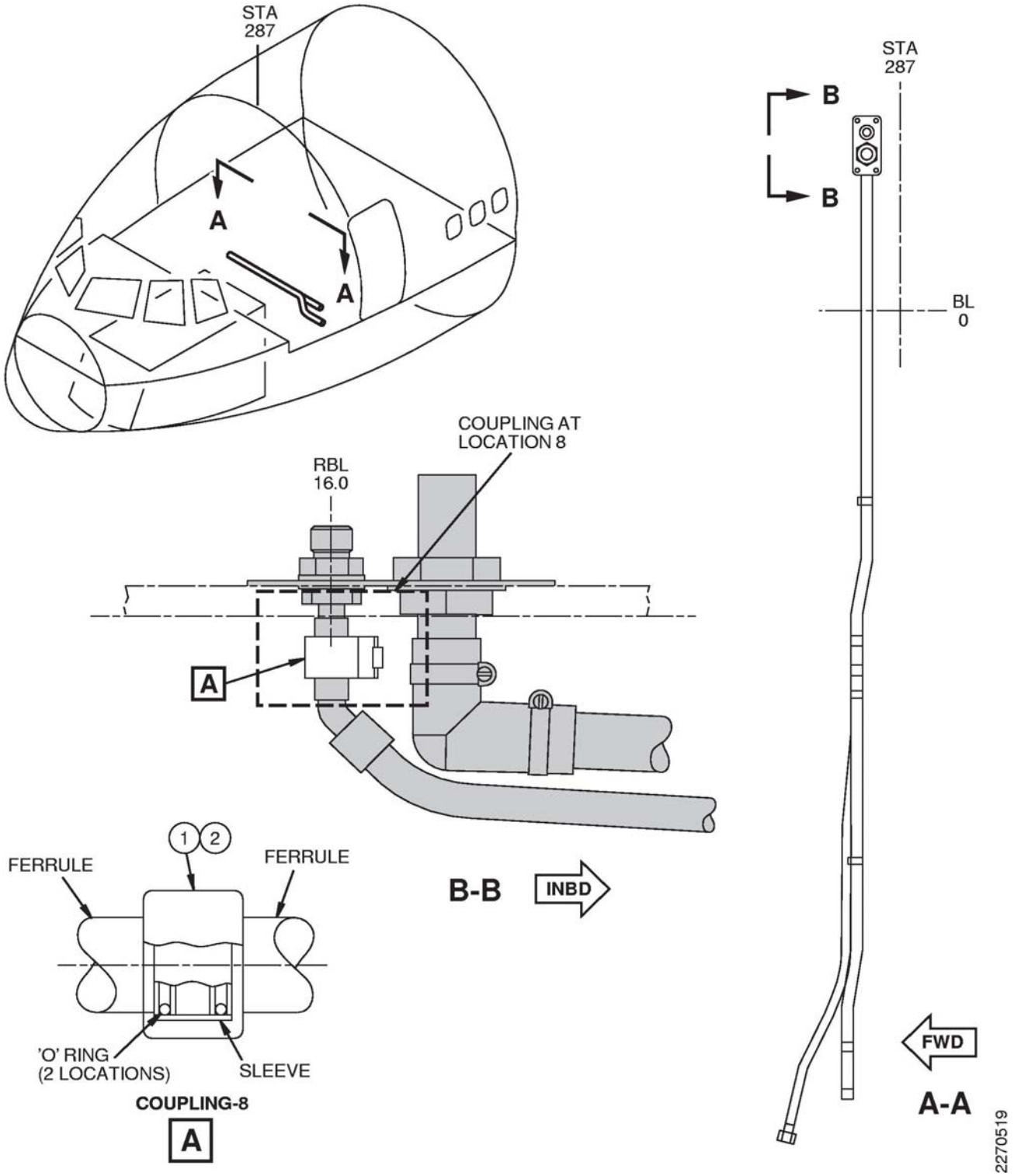


FIGURE 44: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 8 REPLACEMENT
(SHEET 1 OF 2)

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ALERT **ALERT**

The step numbers shown below agree with the numbers shown in the circle symbols in the figure. The QTY numbers shown below are the number of parts necessary for this figure.

NOTE: Illustrations show plastic couplings, before replacement. Refer to APPENDIX B for more information about metal and plastic couplings.

NOTE: Plastic couplings can be replaced without removal or replacement of internal parts, that include the sleeve and "O" rings. Replace sleeve and "O" rings only if a leak or problem is found with the potable water system at that coupling location.

Step	Task	Name	Identification	Qty	More Data
1	Remove	PLASTIC COUPLING	CA62505-56BL (CA62005-56BL optional)	-	If installed at this location. The maximum quantity for this task is 1.
2	Install (New)	METAL COUPLING	14C33-08	-	At the location where a plastic coupling was installed. The maximum quantity for this task is 1. (a)
(a) Refer to APPENDIX C for more information.					

FIGURE 44: FORWARD PASSENGER COMPARTMENT - POTABLE WATER SYSTEM COUPLING - LOCATION 8 REPLACEMENT
(SHEET 2 OF 2)

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Refer to the table that follows to find which potable water system coupling locations, that require work in this service bulletin, are applicable to each airplane group.

NOTE: For the table that follows PART 1 and PART 2 work is for inspection and replacement of plastic couplings, if found, given in Figures 1 thru 14 and 31 thru 44. PART 3 work is for shroud installation given in Figures 15 thru 30.

GROUP APPLICABILITY OF COUPLING LOCATIONS

Group	Coupling Location																
	1	2	3	4 - Configurations A thru D				5 - Configurations A thru E							6	7	8	9
				A	B	C	D	A	B	C	D1	D2	D3	E				
1	X		X	X				X										
2				X				X										
3	X		X				X							X				
4	X		X		X				X									
5		X			X				X									
6	X		X		X								X					
7	X		X			X		X										
8						X		X										
9				X						X						X		
10	X	X	X		X						X						X	
11	X		X	X				X							X			X
12	X	X	X		X				X									
13	X		X		X							X						
Inspection Figure	1	11	1	2	3	4	5	6	7	8	9			10	12	13	14	12
Replacement Figure	31	41	31	32	33	34	35	36	37	38	39			40	42	43	44	42
Shroud Installation Figure	15	27	15	16	17	18	19	20	21	22	23	24	25	26	28 (a)	29	30	(a)

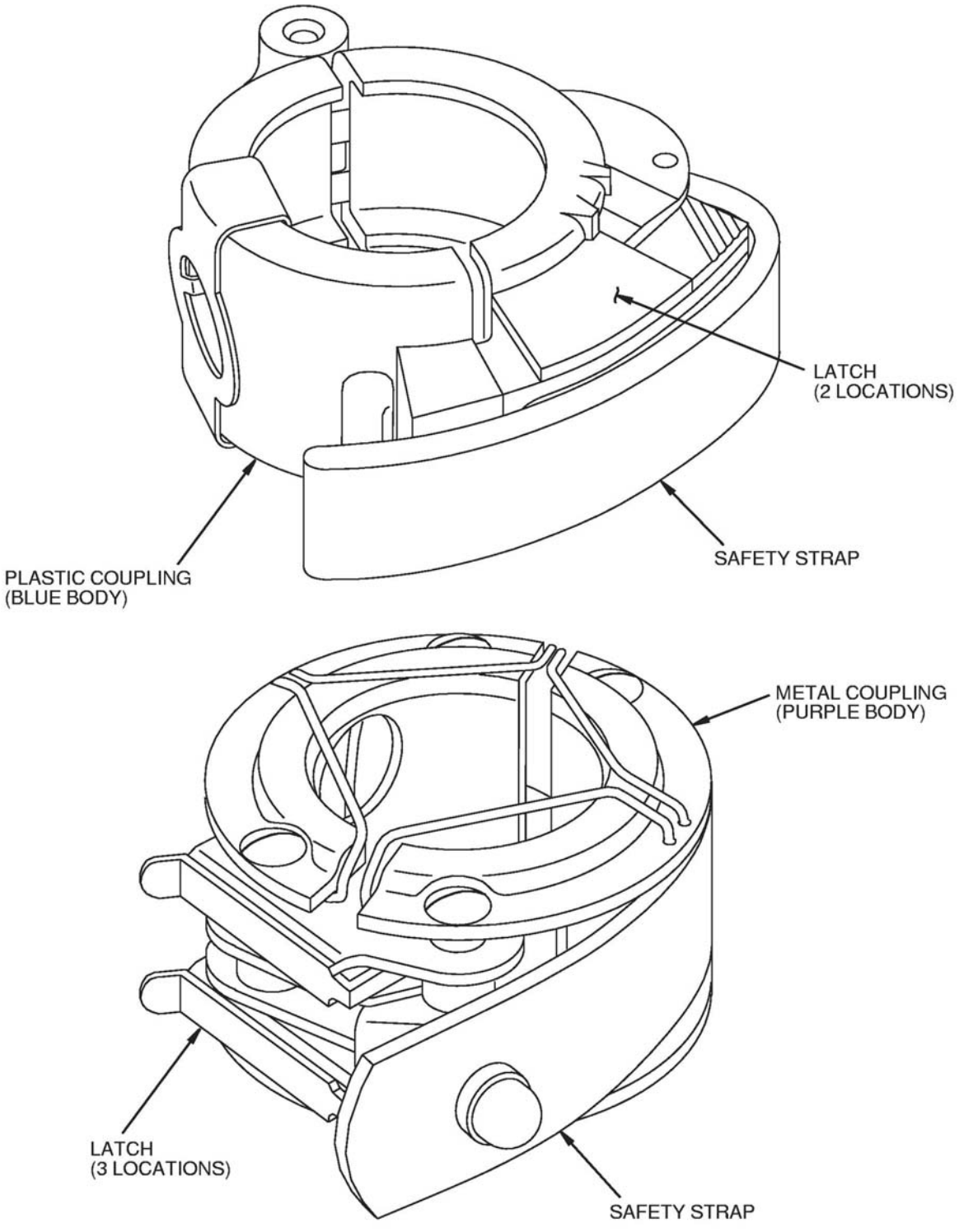
(a) No shroud is necessary to be installed at Location 9. Refer to FIGURE 28 for instructions to isolate and remove the potable water system connection between Location 6 and Location 9.

APPENDIX A: GROUP APPLICABILITY OF COUPLING LOCATIONS AND RELATED FIGURES (SHEET 1 OF 1)

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The illustration that follows shows the differences between the replaced plastic coupling shown above and new metal coupling shown below.

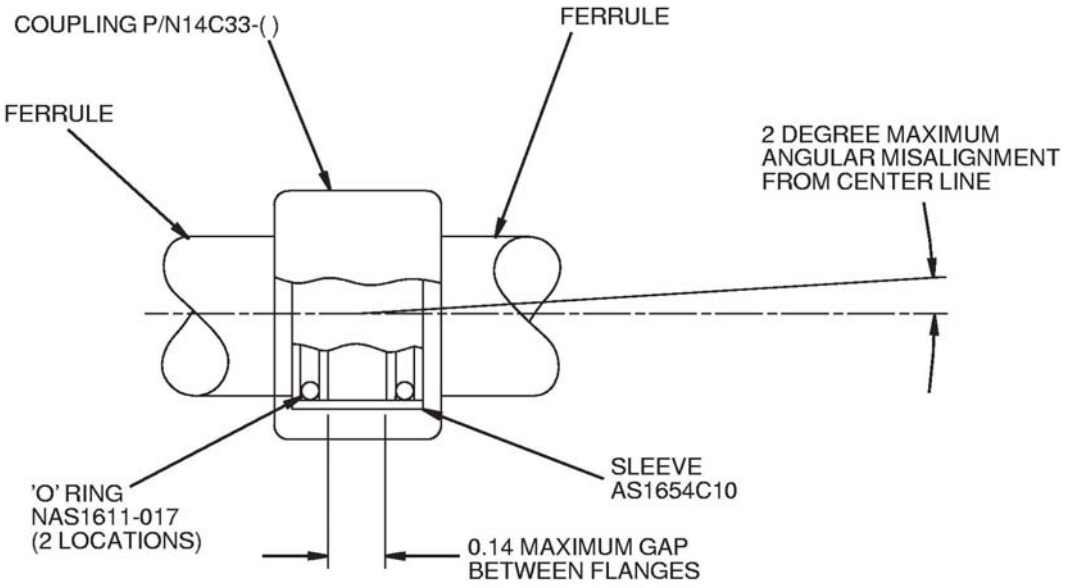


APPENDIX B: POTABLE WATER SYSTEM COUPLING - IDENTIFICATION (SHEET 1 OF 1)

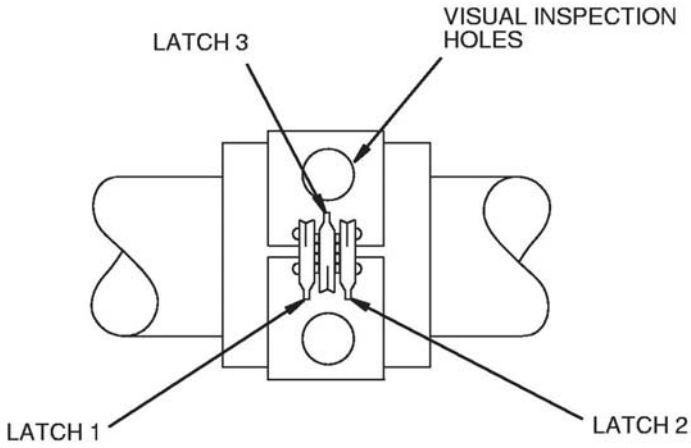
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The illustration that follows shows installation requirements for potable water system couplings.



TYPICAL 0.625 METAL COUPLING MALE/MALE INSTALLATION



LATCH DETAIL

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APPENDIX C: POTABLE WATER SYSTEM COUPLING - INSTALLATION (SHEET 1 OF 1)

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