

PARTS & SERVICE NEWS

REF NO.	AA03091A
DATE	July 14, 2003

This Parts & Service News supercedes the previous issuance, AA03091, dated June 9, 2003. AA03091 should be discarded.

- SUBJECT:** AIR TO AIR COOLER CRACK REPAIR AND REWORK
- PURPOSE:** To inform the field of a procedure to repair cracks found on the air to air cooler.
- APPLICATION:** Komatsu HD785-5LC Dump Trucks A10144, A10224, A10228 and Up
- FAILURE CODE:** 0100HA
- DESCRIPTION:** Radiator Assembly Kit With Aftercooler Isolator (XK0223)

Some HD785-5LC dump trucks may develop cracks in the air to air cooler due to thermal fatigue. It is important to include an inspection of this area at regular intervals during normal cooling system inspections.

This Parts & Service News introduces a new kit (XK0223) that is used to prevent cracks in the air to air cooler. The contents of the kit are listed in Table 1. Refer to Figure 1 for an illustration of condenser bracket modification. Refer to Figure 2 for an illustration of rubber mount installation.

Tabel 1. Radiator Assembly Kit With Aftercooler Isolator (XK0223)

Item Number	Part Number	Description	Quantity
	561-03-75103	Radiator Assembly Drawing	-
1	010-10-81240	Bolt	4
2	010-10-81280	Bolt	4
3	016-43-31232	Washer	8
4	175-54-34170	Washer	4
5	21N-03-37960	Spacer	4
6	561-03-75513	Bracket	-
7	561-03-75901	Isolator Assembly	2
8	561-03-75921	Block	1
9	561-03-75931	Block	3

MODIFICATION PROCEDURE

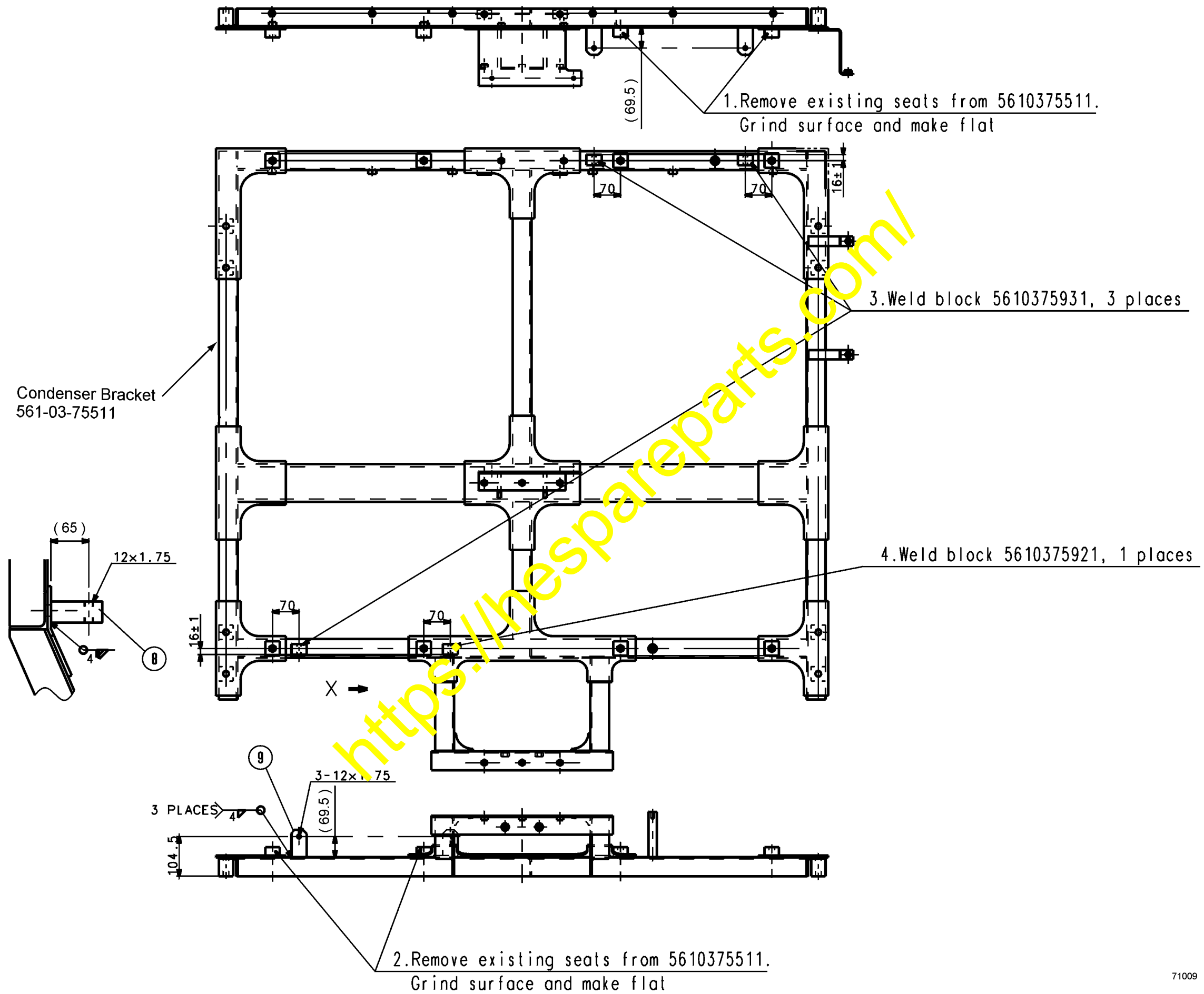
PREPARATIONS:

1. Park the vehicle on level surface. Stop the engine, apply the parking brake and insert blocks under wheels to prevent the truck from moving.
2. Disconnect negative battery cable.
3. When it is necessary to make reworks on chassis by using arc welding, disconnect "B" terminal of alternator and connectors on ATC controller.

INSTALLING RUBBER MOUNT TO AIR TO AIR COOLER:

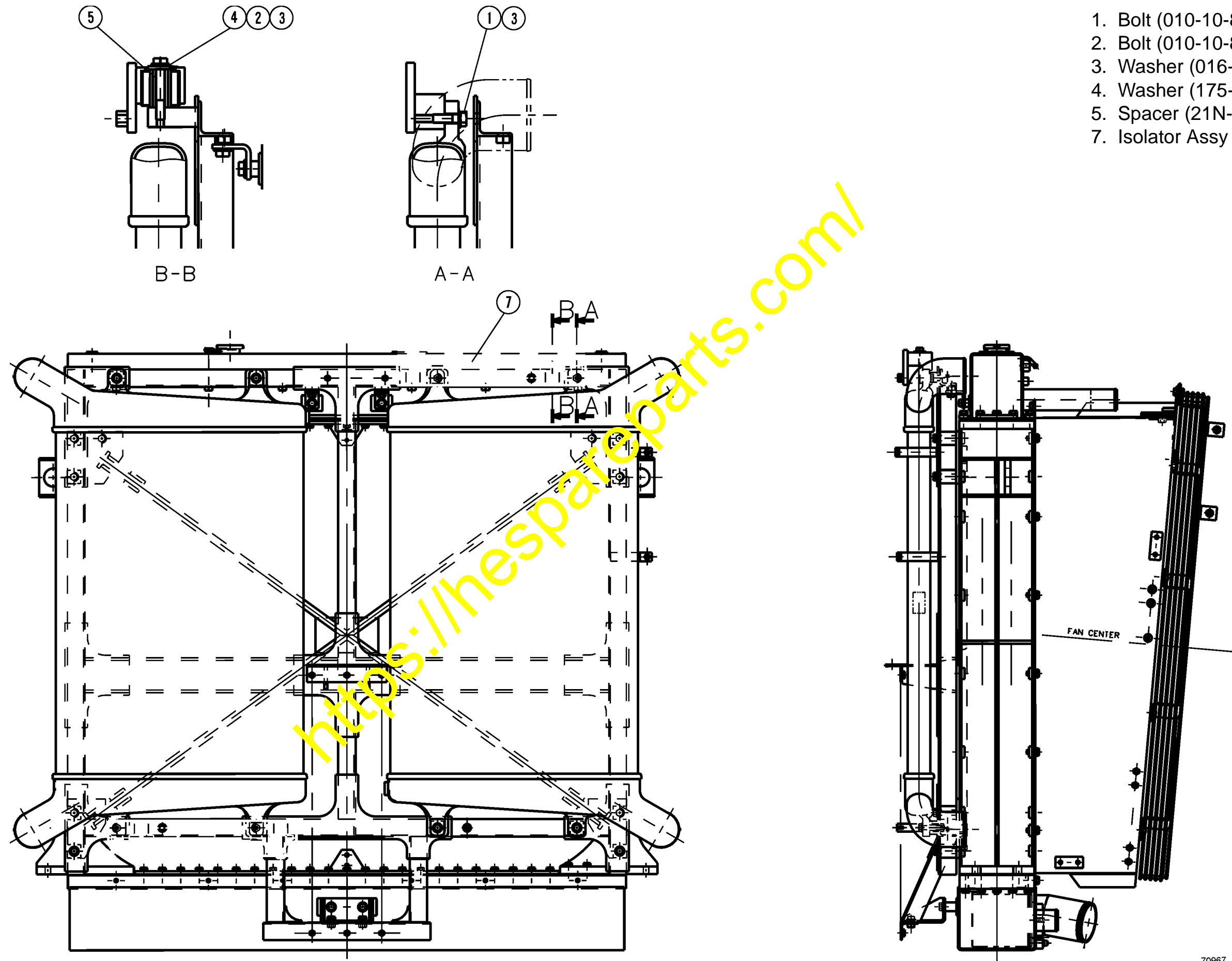
1. Remove radiator grill. Refer to appropriate shop manual, Section B.
2. Remove steering cooler. Refer to appropriate shop manual, Section C.
3. Remove condenser cooler. Refer to appropriate shop manual, Section C.
4. Remove condenser bracket 561-03-75511.
5. Remove both air to air coolers 621-26-24100.
6. Modify condenser bracket 561-03-75511. Refer to Figure 1.
7. Install two air to air coolers with rubber mount 561-03-75901. Refer to Figure 2.
8. Assemble steering cooler, condenser, grill. Refer to appropriate shop manual, Sections B and C.

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- 8. Block (561-03-75921)
- 9. Block (561-03-75931)

FIGURE 1. MODIFICATION 561-03-75511



- 1. Bolt (010-10-81240)
- 2. Bolt (010-10-81280)
- 3. Washer (016-43-31232)
- 4. Washer (175-54-34170)
- 5. Spacer (21N-03-37960)
- 7. Isolator Assy (561-03-75901)