

ROUTINE

MWO effective date is 01 January 2004 and completion date is 01 January 2008

**MODIFICATION OF THE SHIPPING AND STORAGE CONTAINER,
REFRIGERATED, MODEL SC209**

ROLLER SLIDE AND EXHAUST KIT INSTALLATION

NSN: 8115-01-016-5909 (EIC: N/A)

Headquarters, Department of the Army, Washington, D.C.

30 September 2003

REPORTING OF ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this MWO. If you find any mistakes or if you know of a way to improve these procedures, please let us know. Mail your letter or DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to: Commander, US Army Soldier and Biological Chemical Command (SBCCOM), ATTN: AMSSB-RIM-L (N), Kansas Street, Natick, MA 01760-5052. You may also submit your recommended changes by e-mail directly to amssbriml@natick.army.mil. A reply will be provided to you.

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MWO 55-8115-202-40-1

1. PURPOSE. The following procedure defines the equipment to which this MWO is applied and how to install a Roller Slide Assembly Kit and an Exhaust Assembly Kit to a Refrigerated Container (RC), Model SC209, National Stock Number (NSN) 8115-01-016-5909 for use with Tactical Quiet Generator (TQG), NSN 6115-01-275-5061.

2. PRIORITY. This modification is classified as ROUTINE.

a. Equipment in Use. All RCs will be modified and completed no later than 90 days from the date of receipt of the 10 kW TQG replacing the 10kW MEP Associated Support Item of Equipment (ASIOE) generator. RCs not modified after this MWO's completion date will be reported as Non Mission Capable (NMC), in accordance with applicable Army regulations.

b. Equipment in Wholesale Depot Supply or Maintenance Activities. The MWO will be accomplished on serviceable RCs prior to issue if the receiving unit has been fielded the 10kW TQG to replace the 10kW MEP generator. The MWO will be applied to unserviceable material during scheduled Depot Maintenance. This MWO will not be applied to Condition Code H material.

3. END ITEM OR SYSTEM TO BE MODIFIED. This modification will be applied to Container, Refrigerated, Model SC209, NSN 8115-01-016-5909.

Table 1. End Item to be Modified

Nomenclature	National Stock Number	Type and Model	CAGEC	Serial Number	Line Item Number (LIN)
Container, Refrigerated	8115-01-016-5909	SC209	90598	ALL	C84541

4. MODULES (Components, Assemblies, Sub-Assemblies, Boards, and Cards) TO BE MODIFIED. Not applicable.

5. PART(s) TO BE MODIFIED. Not applicable.

6. APPLICATION.

a. Time Compliance Schedule: The MWO effective date is 01 January 2004 and the completion date is 01 January 2008.

b. Level of Maintenance: General Support Maintenance is the lowest level of maintenance to support this MWO.

c. Time Required: This MWO requires 2 people for 12 hours and 1 forklift operator for 1 hour to complete task. A total of 25 man-hours is required for a single installation of this MWO. MOS 44B personnel or equivalent (certified to weld steel materials) are required to perform welding operations. Licensed forklift operator is required.

This MWO can be applied concurrently with MWO 55-8145-200-30-1. If MWO 55-8145-200-30-1 is already applied, this MWO may be applied separately.

7. TECHNICAL PUBLICATIONS AFFECTED/CHANGED.

See Table 2.

Table 2. Technical Publications Affected/Changed

TM 55-8115-202-14	Technical Manual, Operator's, Organizational, Direct and General Support Maintenance Manual for Container, Refrigerated, Model SC209, NSN 8115-01-016-5909, including any and all changes.
TM 55-8115-202-24P	Technical Manual, Operator's, Organizational, Direct and General Support Maintenance Repair Parts and Special Tools List, (Including Depot Maintenance Repair) Manual for Container, Refrigerated, Model SC209, NSN 8115-01-016-5909, including any and all changes.

8. MWO KITS/PARTS AND THEIR DISPOSITION.

a. Kit(s)/Part(s) needed to apply the MWO: Slide Kit, Exhaust Kit and Supplemental Items Kit.

b. Contents of Kits: See Table 3.

Table 3. Contents of Slide Kit, Exhaust Kit, and Supplemental Kit

	DESCRIPTION		PART NUMBER	QUANTITY
	MATERIAL			
1.	SLIDE KIT		30750-100	1
	1.1	WASHER, FLAT, .344 ID	MS27183-12	12
	1.2	RIVET, CLOSED	M24243/6A-606H	2
	1.3	BOLT, GENERATOR, LOCKING	30695-100	2
	1.4	WASHER, LOCK, .312 NOM	MS35338-45	12
	1.5	MOUNT, GENERATOR	30669-100	1
	1.6	SLIDE, BOTTOM	CD5601-00-0320	2
	1.7	MOUNT, SLIDE	30670-1	4 Required 6 In Kit
	1.8	NUT, HEX, .500-13 UNC-2B	MS51967-14	4
	1.9	WASHER, FLAT, .531 ID	MS27183-18	8
	1.10	WASHER, LOCK, .500 NOM	MS35338-48	4
	1.11	SCREW, CAP, 0.500-13 UNC-2A X 1.50 LONG	MS90725-113	4
	1.12	WASHER, FLAT, .281 ID	MS27183-10	12
	1.13	WASHER, LOCK, .250 NOM	MS35338-44	12
	1.14	SCREW, CAP, 0.312-18 UNC-2A X 1.38 LONG	MS90725-37	12
	1.15	SCREW, MACH, CSINK 250-20 UNC-2A X .50 LONG	MS35190-287	20
	1.16	SCREW, CAP, 0.250-20 UNC-2A X .62 LONG	MS90725-5	12

MWO 55-8115-202-40-1

	DESCRIPTION		PART NUMBER	QUANTITY
	MATERIAL			
2.	EXHAUST KIT		30749-100	1
	2.1	PIPE, HORIZONTAL, EXHAUST (Pre-assembled to ELBOW, Item 2.2)	30696-1	1
	2.2	ELBOW, 1.25 NPT (Pre-assembled to PIPE, Item 2.1)	44605K117	1
	2.3	SHIELD, HORIZONTAL, EXHAUST	30711-100	1
	2.4	CAP, RAIN, 2.50 NOM	22-250	1
	2.5	U-BOLT, 1.50 ID	3043T18	1
	2.6	SHIELD, VERTICAL	30741-100	1
	2.7	U-BOLT, 2.50 ID	3043T32	3
	2.8	SCREW, SELF-DRILL, NO. 10 X .50 LONG	91324A430	3
	2.9	PIPE, VERTICAL	30697-1	1
	2.10	WASHER, FLAT, .219 ID	MS27183-42	9
	2.11	WASHER, LOCK, NO. 10	MS35338-43	9
	2.12	SCREW, MACH, PAN-HEAD, NO. 10-24 UNC-2A X .75 LONG	MS35206-265	9
	2.13	ANTI-SEIZE COMPOUND	1287K31	AR
	2.14	SPACER, EXHAUST	30747-18	1
3	SUPPLEMENTAL ITEMS KIT		120k1929-1	1
	3.1	MOUNT, SLIDE	30670-2	2
	3.2	BLIND RIVET NUT	S31K331	12
	3.3	BLIND RIVET NUT	S50K326	2
	3.4	C-CHANNEL, 4 INCHES X 5.4 LB., 40.5" LONG.		1
	3.5	STEEL PLATE, PER ASTM A569, 11 GAUGE, 2" X 2".		4
	3.6	BRACKET, EXHAUST MOUNT	30694	2
	3.7	SCREW, CAP 0.250-20 UNC-2A X .62 LONG	MS90725-5	6
	3.8	ANTI-SEIZE COMPOUND	LOCTITE 51299	2 GRAMS
	3.9	WASHER, LOCK, 1/4" NOMINAL	MS35338-44	2
	3.10	PLATE, LADDER	120K1917	1
	3.11	LONG STRAIGHT BAR (approximately, 6 feet)		1