

DEMOLITION KIT, MINE CLEARING LINE CHARGE (MICLIC)  
Reference TM 9-1375-215-14&P

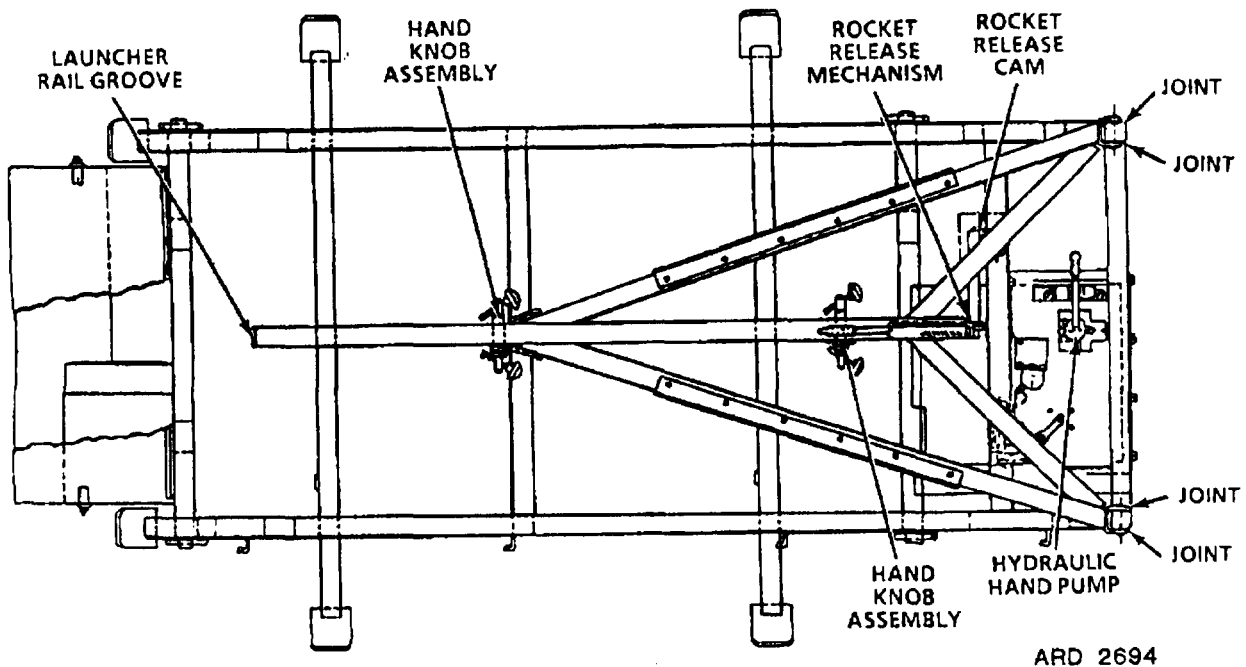
REPORTING OF ERRORS

You can improve this publication by calling attention to errors and by recommending improvements and by stating your reasons for the recommendations. Your letter or DA Form 2028, Recommended Changes to Publications and Forms, should be mailed directly to Commander, U.S. Army Armament, Munitions and Chemical Command, ATTN: SMCAR-LMB, Picatinny Arsenal, NJ 07806-5000. A reply will be furnished directly to you.

NOTE

The lowest level of maintenance authorized to lubricate a point is Operator/Crew (C).

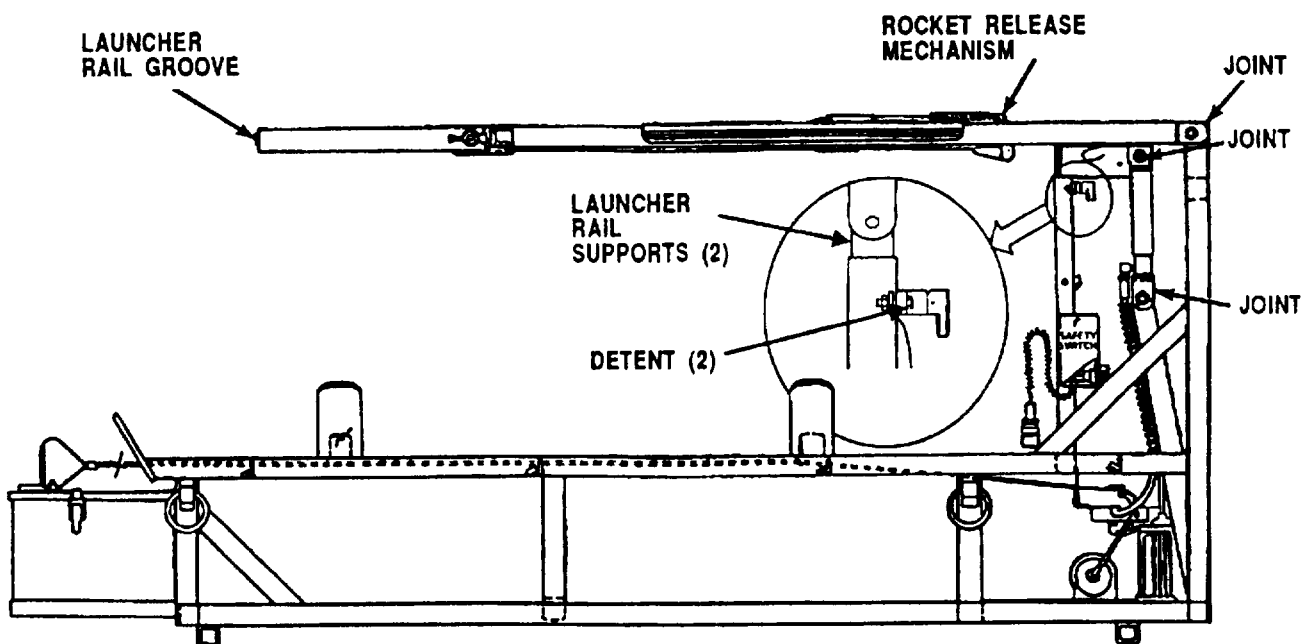
LUBRICATION POINT	LUBRICANT	INTERVAL	TOTAL MAN-HR	
			INTERVAL	MAN-HR
Launcher Rail Groove	G A A	AQ		
Hand Knob Assembly	OEA or OE/HDO	AQ	B - Before Use	0.1
Rocket Release Cam	OEA or OE/HDO	AQ	A - After Use	0.2
Rocket Release Mechanism	OEA or OE/HDO	AQ	Q - Quarterly	0.2
Joint	OEA or OE/HDO	AQ		
Hydraulic Hand Pump	OHT	BAQ		



LAUNCHER ASSEMBLY - TOP VIEW

Approved for public release; distribution unlimited.

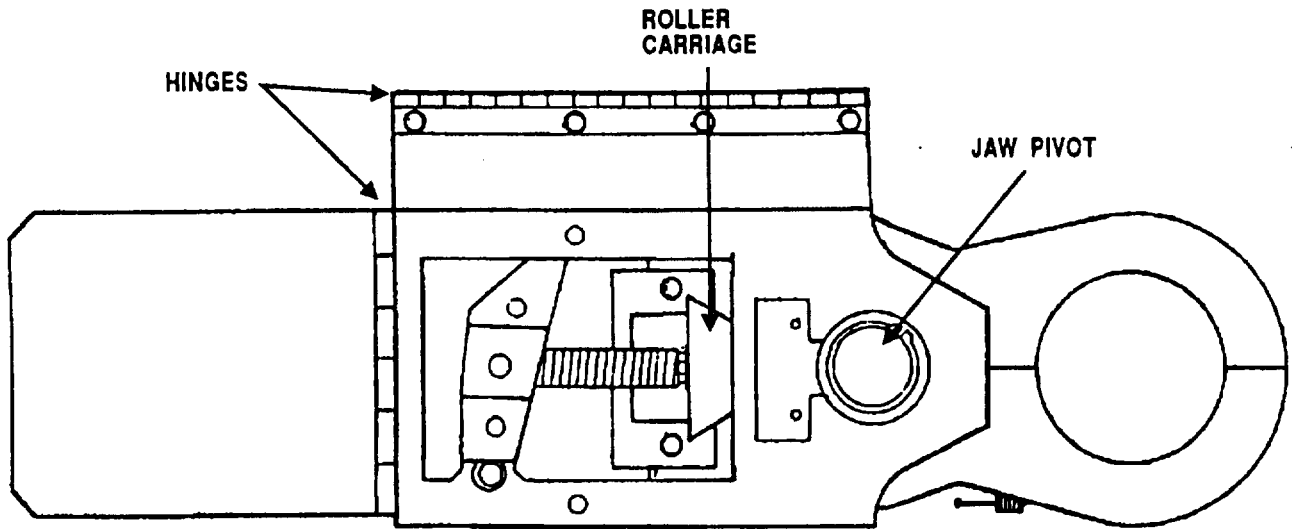
LUBRICATION POINT	LUBRICANT	INTERVAL
Launcher Rail Groove	GAA	AQ
Rocket Release Mechanism	OEA or OE/HDO	AQ
Joint	OEA or OE/HDO	AQ
Detent (2)	OEA or OE/HDO	AQ
Launcher Rail Support (2)	OEA or OE/HDO	AQ



U  
AR2695-A

LAUNCHER ASSEMBLY - SIDE VIEW

LUBRICATION POINT	LUBRICANT	INTERVAL
Hinges	OEA or OE/HDO	AQ
Roller Carriage	OEA or OE/HDO	AQ
Jaw Pivot	OEA or OE/HDO	AQ



U  
AR4969

TRAILER DISCONNECT DEVICE - TOP VIEW

### LUBRICANT TABLE

LUBRICANTS	CAPACITIES	OILS AND CORRESPONDING NSN'S FOR EXPECTED TEMPERATURES		
		Above 15°F (Above 9°C)	40°F to -15°F (4°C to -26°C)	40°F to -65°F (4°C to -54°C)
OE/HDO (MIL-L-2104)     Lubricating Oil, ICE, Tactical Service	1 qt	OE/HDO-10 (0-237) 9150-01-177-3988		
OEA (MIL-L46167)     Lubricating Oil, ICE, Arctic				OEA (0-183) 9150-00-402-2372
GAA (MIL-G-10924)     Grease, Automotive and Artillery		GAA (G-403) 9150-01-197-7688 9150-01-197-7689	GAA (G-403) 9150-01-197-7688 9150-01-197-7689	GAA (G-403) 9150-01-197-7688 9150-01-197-7689
OHT MIL-H-6803     Hydraulic Fluid, Petroleum Base for Preservation and Operation		OHT (C-635) 9150-00-935-9808 9150-00-935-9807		
Pump Reservoir	2-1/2 qt			
Total Hydraulic System	3-1/2 qt			

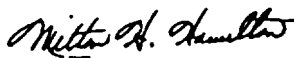
**For arctic operation refer to FM 9-207**

Copy of this Lubrication Order will remain with the equipment at all times. Instructions contained herein are mandatory.

By Order of the Secretary of the Army:

GORDON R. SULLIVAN  
General, United States Army  
Chief of Staff

Official:

  
MILTON H. HAMILTON  
Administrative Assistant to the  
Secretary of the Army  
02331

Distribution:

To be distributed in accordance with DA Form 12-40-E, Block 0631, requirements for LO 9-1375-215-10.

RECOMMENDED CHANGES TO EQUIPMENT TECHNICAL PUBLICATIONS



THEN...JOT DOWN THE DOPE ABOUT IT ON THIS FORM. CAREFULLY TEAR IT OUT, FOLD IT AND DROP IT IN THE MAIL.

SOMETHING WRONG WITH PUBLICATION

FROM: (PRINT YOUR UNIT'S COMPLETE ADDRESS)

DATE SENT

PUBLICATION NUMBER

PUBLICATION DATE

PUBLICATION TITLE

BE EXACT PIN-POINT WHERE IT IS

PAGE NO.

PARA-GRAPH

FIGURE NO.

TABLE NO.

IN THIS SPACE, TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT.

TEAR ALONG PERFORATED LINE

PRINTED NAME, GRADE OR TITLE AND TELEPHONE NUMBER

SIGN HERE

# The Metric System and Equivalents

## Linear Measure

1 centimeter = 10 millimeters = .39 inch  
 1 decimeter = 10 centimeters = 3.94 inches  
 1 meter = 10 decimeters = 39.37 inches  
 1 dekameter = 10 meters = 32.8 feet  
 1 hectometer = 10 dekameters = 328.08 feet  
 1 kilometer = 10 hectometers = 3,280.8 feet

## Weights

1 centigram = 10 milligrams = .15 grain  
 1 decigram = 10 centigrams = 1.54 grains  
 1 gram = 10 decigrams = .035 ounce  
 1 dekagram = 10 grams = .35 ounce  
 1 hectogram = 10 dekagrams = 3.52 ounces  
 1 kilogram = 10 hectograms = 2.2 pounds  
 1 quintal = 100 kilograms = 220.46 pounds  
 1 metric ton = 10 quintals = 1.1 short tons

## Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce  
 1 deciliter = 10 centiliters = 3.38 fl. ounces  
 1 liter = 10 deciliters = 33.81 fl. ounces  
 1 dekaliter = 10 liters = 2.64 gallons  
 1 hectoliter = 10 dekaliters = 26.42 gallons  
 1 kiloliter = 10 hectoliters = 264.18 gallons

## Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch  
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches  
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet  
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet  
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres  
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

## Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch  
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches  
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

## Approximate Conversion Factors

To change	To	Multiply by	To change	To	Multiply by
inches	centimeters	2.540	ounce-inches	newton-meters	.007062
feet	meters	.305	centimeters	inches	.394
yards	meters	.914	meters	feet	3.280
miles	kilometers	1.609	meters	yards	1.094
square inches	square centimeters	6.451	kilometers	miles	.621
square feet	square meters	.093	square centimeters	square inches	.155
square yards	square meters	.836	square meters	square feet	10.764
square miles	square kilometers	2.590	square meters	square yards	1.196
acres	square hectometers	.405	square kilometers	square miles	.386
cubic feet	cubic meters	.028	square hectometers	acres	2.471
cubic yards	cubic meters	.765	cubic meters	cubic feet	35.315
fluid ounces	milliliters	29.573	cubic meters	cubic yards	1.308
pints	liters	.473	milliliters	fluid ounces	.034
quarts	liters	.946	liters	pints	2.113
gallons	liters	3.785	liters	quarts	1.057
ounces	grams	28.349	liters	gallons	.264
pounds	kilograms	.454	grams	ounces	.035
short tons	metric tons	.907	kilograms	pounds	2.205
pound-feet	newton-meters	1.356	metric tons	short tons	1.102
pound-inches	newton-meters	.11296			

## Temperature (Exact)

°F	Fahrenheit	5/9 (after	Celsius	°C
	temperature	subtracting 32)	temperature	

**PIN: 061836-000**