

PARTS

Sales and Marketing



REMACK®

To: U.S. Parts Managers

Bulletin: M50 -19
Issue Date: January 4, 2006

From: Rick Cape
Brand Manager, Mack Proprietary Parts
Phone: 336-393-3041
e-mail: richard.cape@volvo.com



Subject: REMANUFACTURED MUZZLE LOADERS™
AND OVERHAUL KITS – APPLICATIONS and
INSTRUCTIONS

MUZZLE LOADERS® :

Part Number	Application
215SB238LX	E7 PLN 1991/92/93/94 models with 240GC2246AM (240GC591 crown) original pistons. New kit reference # 57GC2143A, 215SB232A, 215SB217D.
215SB239LX	E7 PLN 1994/95 models with 240GC2248AM (240GC596 crown) original pistons. New kit reference # 57GC2151A, 215SB230A, 215SB218E.
215SB240LX	E7 PLN 1995/96 models with 240GC2249AM (240GC597 crown) original pistons. New kit reference # 57GC2152, 215SB236C.
215SB242LX	E7 PLN 1994/95/96 and E-TECH 1998/99/00/01 models with 240GC2250CM (240GC598 or 240GC5122M crown) original pistons. New kit reference # 57GC2153A, 215SB231A, 215SB219E. <u>Supersedes 215SB241LX Muzzle Loader</u>
215SB243LX	E7 E-TECH™ 2002 CCRS models with 240GC2258M (240GC5124M crown) original pistons. New kit reference # 57GC2196, 57GC3119, 57GC3127.
215SB244LX	E7 ASET™ AC (CEGR) models with 240GC2259M (240GC5125M crown) original pistons. New kit reference # 57GC2204, 57GC3121, 57GC3124.

PRICES OR SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

M50-19-1



MACKMART™

215SB245LX	E7 ASET™ AI (IEGR) models with 240GC2261M (240GC5126M crown) original pistons. New kit reference # 57GC2215, 57GC3125.
215SB246LX	E7 ASET™ AI (IEGR) models with 240GC2262M (240GC5127M crown) original pistons. New kit reference # 57GC2216, 57GC3126.
215SB247LX	E7 ASET™ AI (IEGR) models with 240GC2263M (240GC5128M crown) original pistons. New kit reference # 57GC2217, 57GC3128.

MUZZLE LOADER® OVERHAUL KITS:

Part Number	Application
215SB275KX	E7 PLN prior to 1991 models with 240GC585 original one piece aluminum piston or engines previously serviced with 240GC2257AM (240GC5123M crown) two piece pistons. New kit reference # 215SB198F, 57GC2133.
215SB276KX	E7 PLN 1991/92/93/94 models with 240GC2246AM (240GC591 crown) original pistons. (215SB238LX Muzzle Loader) New kit reference # 215SB200F, 57GC2143A, 215SB232A, 215SB217D.
215SB277KX	E7 PLN 1994/95 models with 240GC2248AM (240GC596 crown) original pistons. (215SB239LX Muzzle Loader) New kit reference # 57GC2151A, 215SB230A, 215SB218E.
215SB278KX	E7 PLN 1995/96 models with 240GC2249AM (240GC597 crown) original pistons. (215SB240LX Muzzle Loader) New kit reference # 57GC2152, 215SB236C.
215SB279KX	E7 PLN 1994/95/96 models with 240GC2250CM (240GC598 or 240GC5122M crown) original pistons. (215SB242LX Muzzle Loader) New kit reference # 215SB208B, 57GC2153A, 215SB231A, 215SB219E.
215SB280KX	E7 E-TECH™ 1998/99/00/01 models with 240GC2250CM (240GC5122M crown) original pistons. (215SB242LX Muzzle Loader) New kit reference # 215SB304, 57GC2153A, 215SB231A, 215SB219E.
215SB281KX	E7 E-TECH™ 2002 CCRS models with 240GC2258M (240GC5124M crown) original pistons. (215SB243LX Muzzle Loader) New kit reference # 57GC2196, 57GC3119, 57GC3127.
215SB282KX	E7 ASET™ AC (CEGR) models with 240GC2259M (240GC5125M crown) original pistons. (215SB244LX Muzzle Loader) New Kit reference # 57GC2204, 57GC3121, 57GC3124.
215SB283KX	E7 ASET™ AI (IEGR) models with 240GC2261M, (240GC5126M crown) original pistons. (215SB245LX Muzzle Loader) New Kit reference # 57GC2215, 57GC3125.

215SB284KX	E7 ASET™ AI (IEGR) models with 240GC2262M, (240GC5127M crown) original pistons. (215SB246LX Muzzle Loader) New Kit reference # 57GC2216, 57GC3126.
215SB285KX	E7 ASET™ AI (IEGR) models with 240GC2263M, (240GC5128M crown) original pistons. (215SB247LX Muzzle Loader) New Kit reference # 57GC2217, 57GC3128.

Muzzle Loader® Features:

All REMACK® Remanufactured Muzzle Loaders® come ready to install into cylinder bores. Assembled units come complete with reman connecting rods, piston crowns, snap rings and wrist pins. New components included are piston rings, piston skirt and cylinder liner. Muzzle Loaders® are completely disassembled and cleaned. The connecting rods are magnaglow inspected to detect even the smallest of cracks. Precision machining centers remove any bend or twist and ensure proper surface finish. Crank bores are brought back to original size and specification. New wrist pin bushings are installed into the rod and machined to size. The pistons are cleaned and visually inspected. Acceptable pistons are dimensionally gauged to ensure proper size and specification. If all criteria is met, new bushings are installed (if applicable). The Muzzle Loaders® are assembled by trained technicians and packaged for shipment.

Muzzle Loader® Overhaul Kit Features:

All REMACK® Remanufactured Muzzle Loader® Overhaul Kits come with six REMACK® Remanufactured Muzzle Loaders® ready for installation into cylinder bores. Also included in each kit are the following:

- | | |
|-------------------------------|-----------------------------|
| 2 - Cylinder Head Gasket Sets | 1 - Lower Engine Gasket Set |
| 1 - Upper Engine Gasket Set | Rod and Main Bearings Sets |

Ordering Instructions:

Place orders direct with the Distribution Center serving your area.

Core Returns:

Refer to Mack REMACK® Component Core Return Policy on page **M50-1-2**.

Muzzle Loader cores must be returned in original packaging to avoid deduction. Proper handling of the crown is necessary to prevent damage to ring grooves. **DO NOT RETURN LINER WITH CORE.**

Core returns should be sent to the Middletown Remanufacturing Center, 2800 Commerce Drive, Middletown, PA 17057.

In order to ensure the proper credit is given, be sure to distinguish clearly on the core return paperwork (ST-26) whether the credit requested is for a single Muzzle Loader or for a set of six as a kit. Use of the proper core part number listed below is the best way to ensure the correct credit is given.

Core Deductions:

Bent, burnt, spun, handling damaged or excessively rusty connecting rod	\$100.00
Handling damaged or excessively rusty piston crown	\$50.00
Failure to return core in original package*	\$50.00

Refer to Core Inspection Manual # MRC-73 for rod criteria.

*** The overhaul kit box need not be returned, just the Muzzle Loader packaging. DO NOT RETURN LINERS.**

Core Part Number

C215SB238 - Single Muzzle Loader Core

C215SB275K - Kit of 6 Muzzle Loaders Cores

Approximate Weight:

35 lbs. Each Muzzle Loader

Freight:

Freight on REMACK® Muzzle Loaders® is prepaid outbound from the Middletown Remanufacturing Center **only** (Contiguous USA). Freight coming from the distribution centers is subject to their freight policies.

Other component parts including REMACK® Carriers and REMACK® Transmissions may be returned with cores to meet the 500 lb. minimum core return freight collect policy.