

M16-Series Rifle, M4/M4A1 Carbine,
M203A2 Grenade Launcher...

**ARE
ARSS
MOUNTED
RIGHT?**

THAT'S A
CRITICAL
QUESTION.

IF THE M4 ADAPTER RAIL
SYSTEM (ARS) IS NOT
INSTALLED CORRECTLY ON
THE M4 CARBINE OR THE M5
ARS IS NOT INSTALLED RIGHT
ON THE M16A4 RIFLE, THE
ARS *WON'T* BE SECURE.

THAT MEANS ANY SIGHT OR
AIMING DEVICE WON'T BE
ABLE TO HOLD ZERO. AND
YOU WON'T BE ABLE TO
SECURELY INSTALL THE
M203A2 GRENADE LAUNCHER
ON EITHER WEAPON.

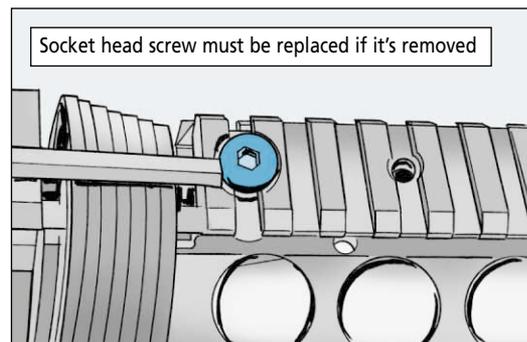
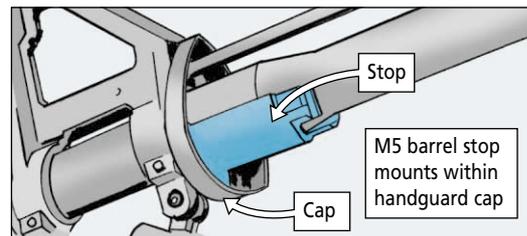
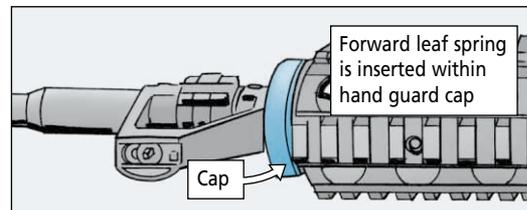
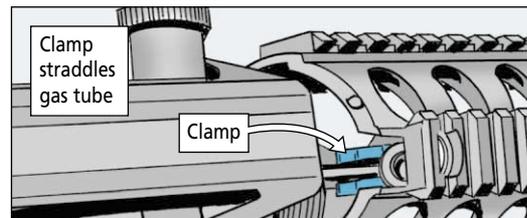
INSPECT YOUR
M4/M4A1S,
M16A4S, AND
M203A2S FOR
THE FOLLOWING
ARS POINTS...

Both the M4 and M5
ARS use a rear clamp
with a screw and a forward
leaf spring to secure
the upper rail to the
M4/M4A1 or M16A4.
The clamp must straddle
the gas tube just forward
of either weapon's receiver.
The clamp should be
secured within the barrel
nut with the screw. The
forward leaf spring must
be inserted within the
hand guard cap.

The M5 ARS also has a
barrel stop assembly that
mounts within the hand
guard cap of the M16A4.
Without the assembly,
you can't mount the
M203A2 on the M16A4.
The M4 ARS doesn't need
the barrel stop assembly.

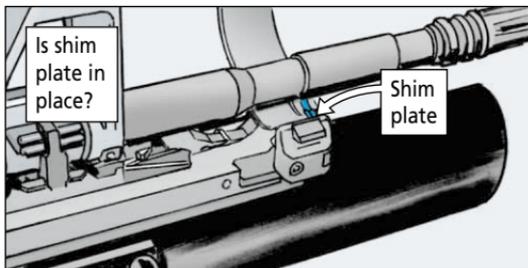
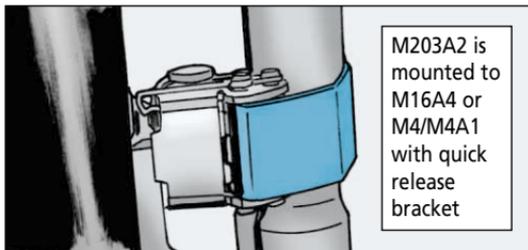
If the M4 or M5
is mounted correctly,
the forward leaf spring
is not visible outside
the hand guard cap and
the rear clamp is secured
within the barrel nut
with the socket head cap
screw. If the socket head
cap self-locking screw is
removed for any reason,
it must be replaced with
a new one.

On the M5, also make
sure the barrel stop
assembly is mounted
within the hand guard
cap. The barrel stop
must be installed in
case the M203A2 must
be transferred between
M16A4s. Replacing a
barrel stop also requires
replacing the socket head
cap screw.



M203A2 Grenade Launcher

To mount the M203 or M203A1 with either the M4 or M5 ARS, the launcher must first be modified like it says in MWO 9-1010-221-30-4. The launcher is then mounted to the ARS with a quick release bracket. The bracket has an internal shim plate that matches up with either the cutout on the M4 carbine barrel or the barrel stop for the M5 ARS on the M16A4. If the shim plate is missing or the quick release bracket is not mounted correctly, the M203A2 is NMC.



NSNs

- rear clamp, NSN 1005-01-453-4226
- socket head cap screw, NSN 5305-01-453-2725
- spring pin, NSN 5315-00-826-3251
- barrel stop assembly, NSN 1005-01-453-4224

These NSNs are found in Figs C-18, C-22 and C-17 in TM 9-1005-319-23&P.

- quick release bracket, NSN 1005-01-452-3528, which includes the following:
 - * socket head cap screw (2), NSN 5305-01-452-9639
 - * spring washer (2), NSN 5310-01-452-9635
 - * shim plate, NSN 5365-01-453-9287
- See Fig C-2A in TM 9-1010-221-23&P.

HERE ARE SOME OF THE REPAIR PART NSNs FOR THE M4 OR M5 ARS...

TO MOUNT THE M203A2, YOU'LL NEED...

QUESTIONS? CONTACT YOUR LOCAL TACOM-ROCK ISLAND LOGISTICS ASSISTANCE REPRESENTATIVE.

IF THAT'S NOT POSSIBLE, CONTACT TACOM'S KEVIN MOORE AT DSN 793-2359/(309) 782-2359 OR EMAIL moorek@ria.army.mil

