

M1A1 Tank...

# Replace Setscrew Right

WHADDYA  
MEAN THE  
SETScrew ON  
THE BREECH  
EXTRACTOR IS  
MISSING?  
I JUST  
REPLACED IT  
YESTERDAY!



It's no fun to replace a broken or missing setscrew in the breech mechanism of an M1A1 tank's left extractor—especially if you just did it a few days ago.

So make sure you do it right the first time, mechanics.

First, clean the extractor with dry cleaning solvent, NSN 6850-00-285-8011, and a clean rag, NSN 7920-00-205-1711. Cleaning gets rid of old sealing compound, carbon and grease that can keep the setscrew from bonding tightly to the extractor. Pay special attention to the threads in the setscrew hole.

Next, coat the threads of the new setscrew, NSN 5305-12-189-0277, with sealing compound, NSN 8030-01-025-1692. If you forget the sealing compound, the setscrew will vibrate loose and fall out.

Finally, screw the setscrew in place. Leave  $\frac{3}{4}$  to  $\frac{7}{8}$  inch of the setscrew showing. If the setscrew's too tight, it'll break. But if it's too loose, it'll fall out.

