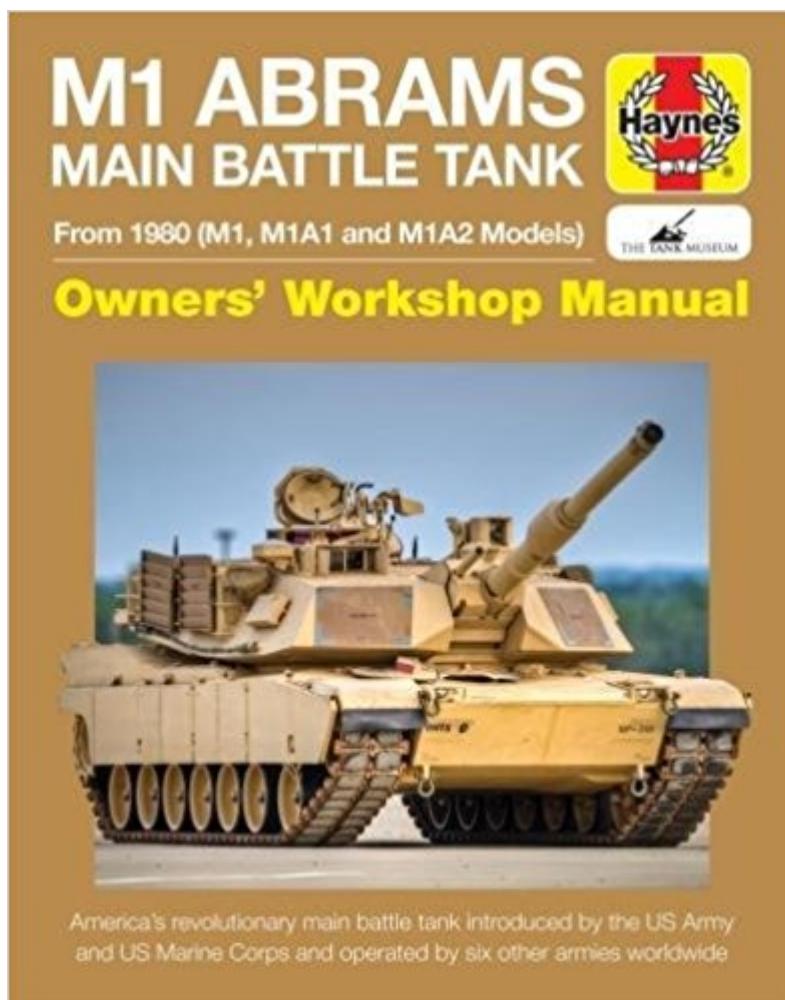


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# **M1 Abrams Main Battle Tank Manual: From 1980 (M1, M1A1 And M1A2 Models) (Haynes Manuals)**



## Synopsis

The American M1 Abrams main battle tank is a revolutionary design: it broke an evolutionary development lineage from the M20 medium tank of 1941 to the M60 (which it replaced, and which stayed in production until 1987). The M1 remains the only main battle tank in the inventories of the US Army and the US Marine Corps, with years of service to come, while no replacement has been procured. It is believed that the M1 will easily serve for more than 50 years in the US alone. The US retains about 6,000 M1s, while almost 2,000 are in use with the armies of other countries including Australia, Egypt, Iraq, Kuwait, and Saudi Arabia.

## Book Information

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## Customer Reviews

Bruce O. Newsome, PhD, first served on M1 Abrams tanks in the Pennsylvania National Guard, and advised the US Army on acquisitions as a research scientist. He is now Assistant Teaching Professor of International Relations at the University of California, Berkeley. Bruce also volunteers in the Tank Museum's archives and workshops. He lives in California. Gregory Walton served with the California National Guard and US Army on the M60A3, and on the M1 Abrams in the Gulf War. Greg now works with the Federal Bureau of Investigation. He lives in California.

This is an excellent reference. My understanding is that the Haynes military books are quite variable in quality; this is one of the best ones. The authors are former tankers on the Abrams with at least

one being in Desert Storm. There are details on the history of the M1 program, the current situation and future possibilities. Marine tanks and tankers are given prominent treatment although foreign operators are given some but much less attention. As of mid 2017 the program information and future speculation are quite current, matching what I read on professional defense industry news sites. The photos are excellent throughout and really illustrate the operation of the tank from a tanker point of view. The captions the photos are extensive. The photos serve to complement the text and this book is not just a photo reference for modelers, like the Abrams books by Sabot. I particularly enjoyed the photos of damaged and destroyed Abrams and enemy vehicles. There are some topics not covered at all. The discussion of military organization pretty much ends with the tank platoon and even the discussion of platoons is minimal. This book lacks the key piece of information that as of the book's publication all Abrams in the US Army belong to 15 (including the National Guard) armored brigade combat teams and that within the ABCT Abrams are mostly grouped within three combined arms battalions, with one or two tank companies within each battalion. There is nothing in the book on who maintains the tanks within an ABCT combined arms battalion. As of 2016 the recon battalion/brigade also has an Abrams company. There is nothing on Marine tank organization or the role of the four or so tanks within a MEU. I know the Abrams has access to some obscure forms of ammunition that are not mentioned in the book, which focuses only on sabot and HEAT rounds. Another missing topic is any discussion of tank tactics. When should tanks be supported by infantry and when should they operate on their own? There is very brief information on competing NATO tanks. One can combine several passages from different parts of the book to learn the bottom line that the Abrams probably has the best armor and ammunition among tanks on the planet but has a fuel inefficient gas turbine engine, limiting the range of the tank. There is nothing on whether the Abrams can easily defeat Chinese and Russian tanks that are more updated than the tanks used by the Iraqis during Desert Storm. There is nothing on the quality levels of the electronic and mechanical systems installed on the tank.

What's it like working and living in a tank? This book tells the story. The curtain is pulled back and we see the design, logic and development of today's premier battle tanks in their many configurations, along with break-downs of the systems in the tank. If your M1 needs service or maintenance, this is your book! Great reading.

Appears to be a very solid reference book for those interested in this vehicle.

I don't own this book but is the cover correct? The title is "M1 Abrams" but the picture is showing a British Challenger 2? I hope it is just a website error.

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