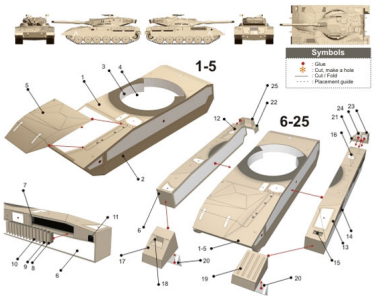
Written by Julius Perdana
Monday, 12 July 2010 16:55

Merkava / Merkabah / Chariot Mark II was first introduced into general service in April 1983 and incorporated several upgrades as a result of the previous incursion into Lebanon. The new tank was optimized for urban warfare and low intensity conflicts, with a weight and engine no greater than the Mark I.The Mark II used the same 105 millimeter main gun and 7.62 millimeter machine guns as the Mark I, but the 60 millimeter mortar was redesigned during construction to be located within the hull and configured for remote firing to remove the need to expose the operator to enemy small-arms fire. An Israeli-designed automatic transmission and increased fuel storage for increased range was installed on all further Mark IIs. Anti-rocket netting was fitted for increased survivability against infantry equipped with anti-tank rockets. [Wikipedia]

Many minor improvements were made to the fire-control system. Updated meteorological sensors, crosswind analyzers, and thermographic optics and image intensifiers gave greater visibility and battlefield awareness.

Merkava Mark II paper model build by Gad Ganir


Symbols
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: Cut, make a hole
: Cut / Fold
: Placement guide
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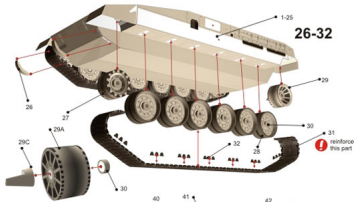
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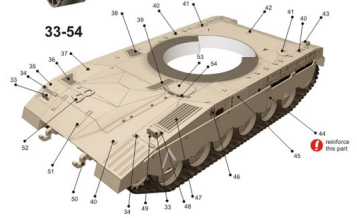
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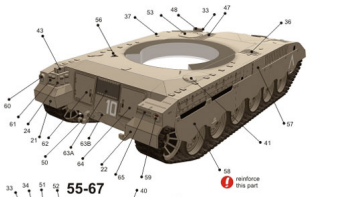
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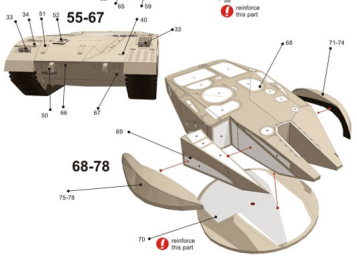
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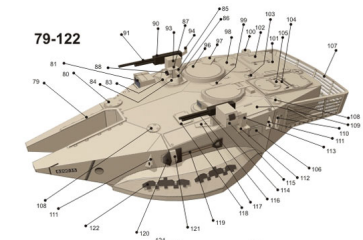
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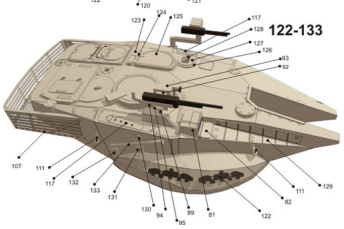
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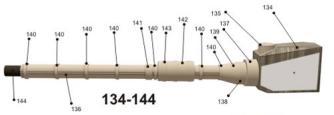
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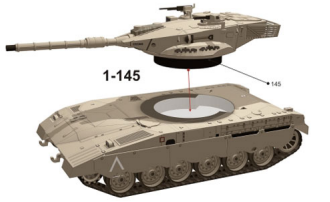
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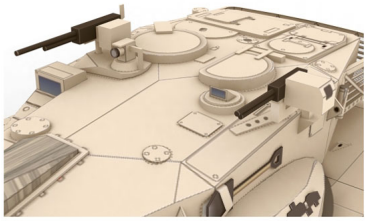

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