


13	Semiannual	CMDR'S/GUNNER'S HATCH COVER SEAL	Trt Mech BFVS Sys Maintainer 91M Check hatch cover seal for leakage. Perform chalk test. If seal leaks, replace commander's/gunner's hatch cover seal [IETM://M3001692350403].
14	Semiannual	TURRET WIRING HARNESS	1. Inspect turret wiring harnesses. a. Remove turret floor plates [IETM://M3000792350403]. b. Tighten loose connectors. c. Check harnesses for frayed or damaged areas. Replace frayed or damaged harnesses. d. Check harnesses for slackness. Tie up any slack harnesses. Use electrical tie straps.
15	Semiannual	TURRET TESTS	1. Perform turret tests as follows: a. Move TURRET POWER switch to ON. b. Move TURRET DRIVE switch to ON. c. On CSD Main Screen, go to MAINT ⇒ DIAGNOSTICS . If at Fault Summary Screen, press VEHICLE TESTS softkey. d. On Vehicle Tests Screen, select the following tests in order, and then select the COMPLETE TEST on the next screen. WEAPON CONTROL TESTS TURRET/WEAPON DRIVE TESTS CONTROLS AND DISPLAYS TESTS COMMUNICATIONS TESTS NAVIGATION TESTS POWER MANAGEMENT TESTS e. Follow any screen instructions. When one COMPLETE TEST has been completed, press TEST MENU ⇒ VEHICLE TESTS to return to the Vehicle Tests Screen. Then select the next test. f. Move TURRET DRIVE switch to OFF. Press the MAIN softkey on the CSD/CTD to transition to COMBAT STATE. g. Move TURRET POWER switch to OFF.
<div>16 17</div>	Semiannually	BUSK III BLANKET	GUNNER <div> CAUTION</div> <div>When cleaning the BUSK III Blanket Assembly, do not use a wire brush or bleach-based cleaners for cleaning. Damage to the blanket assembly may occur.</div> 1. Clean Blanket Assembly to include load bearing component and straps.

Add new check 16 here.

MANDATORY REPLACEMENT PARTS

There are no semiannual or annual mandatory replacement parts.

Submit Results

Pass All

Fail All

END OF WORK PACKAGE

16	Semiannual	TOW System Evaluation	1. Traverse turret to TOW LOAD position and raise TOW launcher.
			2. Prepare TML for testing.
			a. Remove dust cover.
			b. Remove any obstruction or debris from TML tubes.
			c. Check that the umbilical connector is not extended down into the TML tube.
			d. Push and hold lock latch on loading handle and pull handle down.
			e. Load the TSEM missile simulator in the outboard (left side) tube of TML.
			f. Pull up loading handle and release lock latch.
			g. Verify PREFIRE, FIRE, and WIRECUT circuit breaker switches on TSEM are set to ON.
			a. h. Select TOW on SCB and verify missile icon in the TAS reticle.
			b. i. Select appropriate missile on the SCB 'Missile 1/Missile 2' and verify missile identification TOW 2B icon is displayed in the TAS reticle.
			c. j. On the SCB, move ARM-SAFE-RESET to ARM.
			d. k. On the GHS, engage the palm switch and squeeze the red trigger for 1 second and release the trigger.
			e. l. Verify circuit breakers trip in the following sequence: PREFIRE, FIRE, WIRECUT. Check for hang fire and misfire presences while testing.
			f. m. In approximately 25 seconds, verify biocular display says WIRECUT PERFORMED and WIRECUT circuit breaker on TSEM has tripped.
			g. n. Deselect TOW on SCB.
			i. o. Place TSEM in the inboard (right side) launcher tube and repeat the process for Missile 2.
			k. p. Remove TSEM from launcher, install dust cover and stow TOW launcher.
			m. q. Move TURRET DRIVE switch to OFF.
			n. r. Move TURRET POWER switch to OFF.
			o. Move MASTER POWER switch to OFF

3. Perform TML testing.

h. Remove TSEM from launcher tube.

j. Repeat step 2 - 3g for Missile 2.

l. Traverse Turret to 6400 mils.