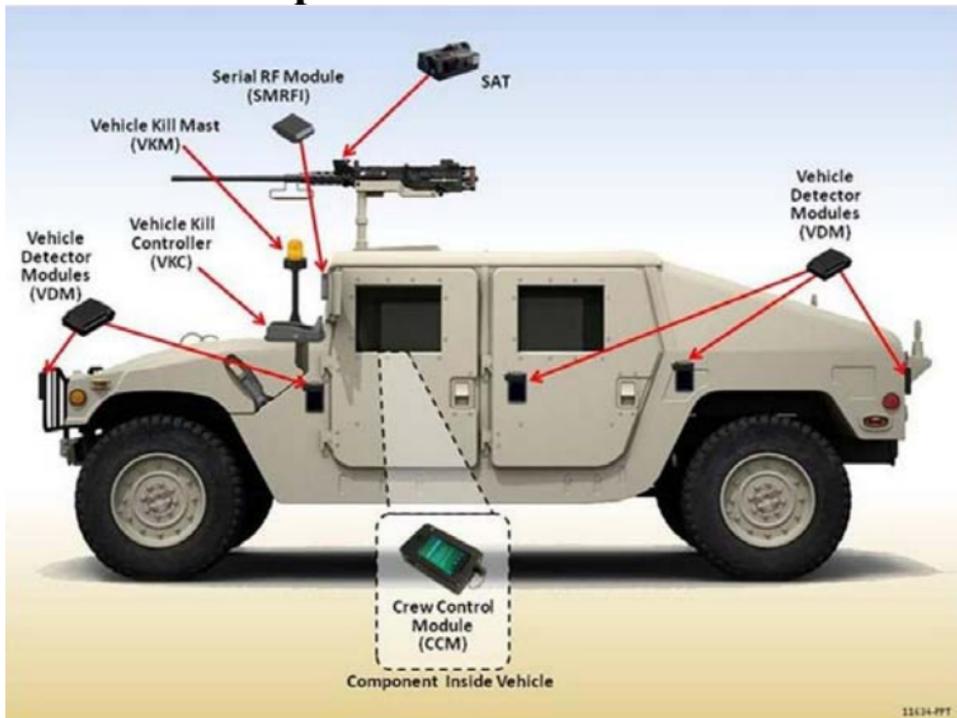


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TVS equipment placement on your vehicle as describe in the Pocket Guide is the optimal suggested location(s) for your vehicle. Actual placement should be dictated by the mission and operational conditions used.



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INSTALLATION OF TVS

WARNING

Ensure that power is turned off prior to hooking and unhooking cables on the TVS.

1. Push VKC power button to power on VKC.
2. Verify VKC BIT LED is illuminated GREEN (approx. 45 sec).
3. Power on CCM (Fig 1).



Fig 1. CCM Controls.

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TACTICAL VEHICLE SYSTEM

4. Tap TVS Application Icon (Fig 1) and TVS Start up will be displayed (Fig 2).
5. Tap Menu Button (Fig 1) and TVS Main Menu will be displayed (Fig 3).

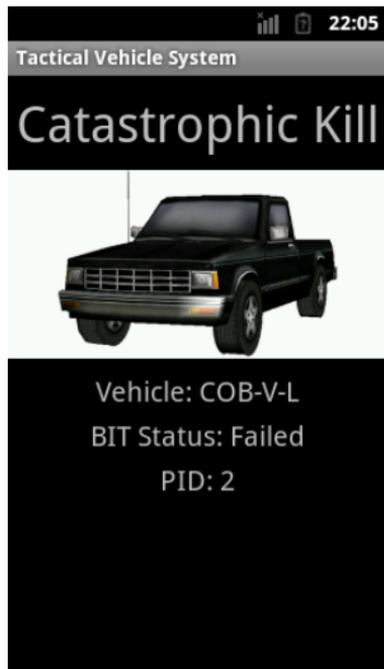


Fig 2. TVS Start Up.



Fig 3. TVS Main Menu.

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6. Tap Install Guide (Fig 3) and the Confirm Vehicle window is displayed (Fig 4).
 - a. Tap Yes if vehicle displayed is correct and proceed to step 18, Pg 9 of 14.
 - b. Tap No if vehicle displayed is incorrect and the Change Vehicle will appear (Fig 5).
7. Tap Yes (Fig 5).



Fig 4. Confirm Vehicle.

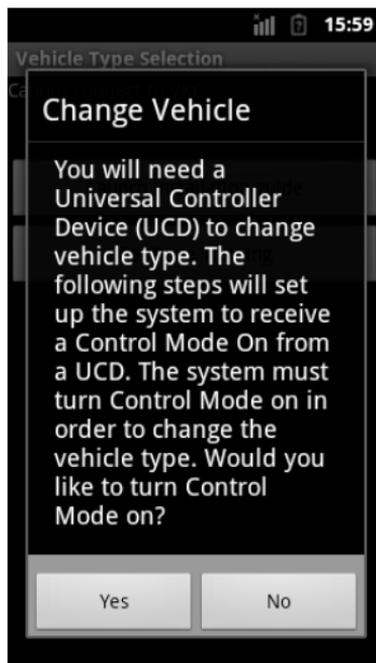


Fig 5. Change Vehicle.

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Note: The UCD required to change the vehicle type requires a detector to communicate with the VKC.

8. Install one battery in one VDM (Fig 6).

Note: Since the VKC has been turned on, steps 9-12 are performed to proceed to the next screen. If the VKC and CCM have not previously been associated, follow the steps as described in the Figures for steps 9-12.

9. Tap Next on VKC (Fig 7).

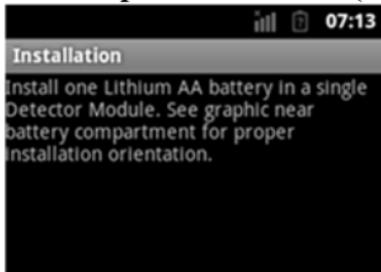


Fig 6. VDM Battery Installation.

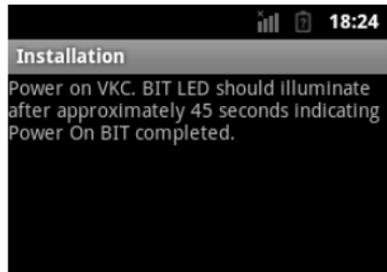


Fig 7. VKC Powered On.

10. Tap Ok (Fig 8).

11. Tap Done (Fig 9).

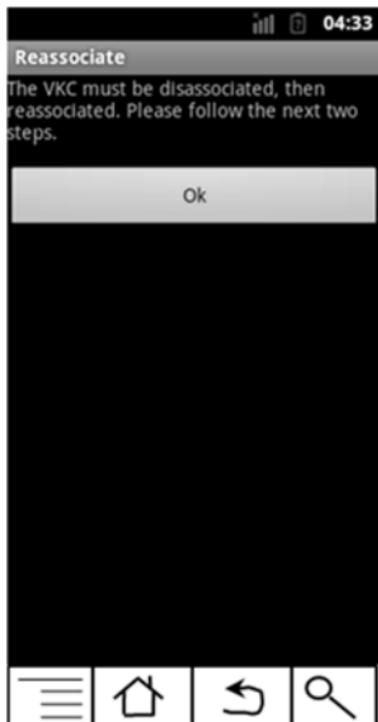


Fig 8. Reassociate VKC.



Fig 9. Disassociate VKC.

12. Tap Done (Fig 10).
13. Assign detector by pointing the CCM at the face of the Detector IR window and Tap Send (Fig 11).



Fig 10. Associate VKC.



Fig 11. Single Detector Assignment.

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14. Once the detector's LED blinks orange, Tap Stop (Fig 12). When finished, Tap Done (Fig 11).
15. Put UCD MILES in Control Mode On (Fig 13).
16. With a UCD in Control Mode On, fire at the detector and the Control Mode will be displayed (Fig 14).

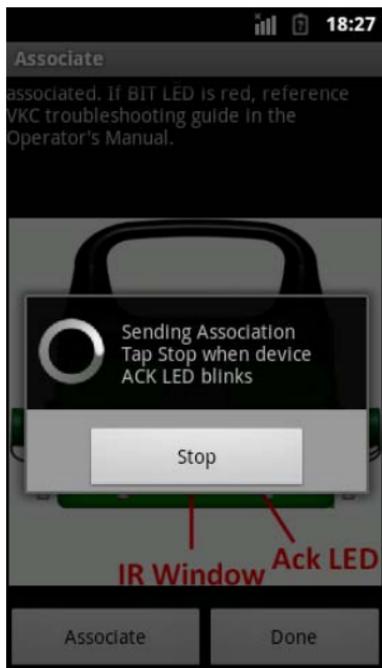


Fig 12. Detector Assignment Completed.

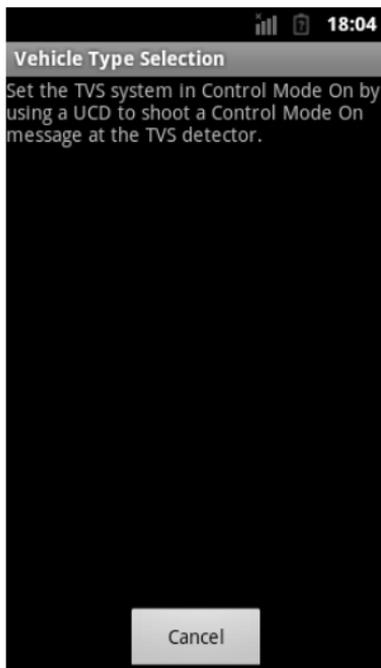


Fig 13. Use UCD.

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17. Select vehicle by either:

- Tap List (Fig 14) and scroll (Fig 15) to your vehicle and tap on the correct vehicle to select and then tap Select or
- Tap Back or Next (Fig 14) to view each vehicle and tap Select for the correct vehicle.



Fig 14. Control Mode On.



Fig 15. Vehicle List.

- Continue with Install Guide procedures for selected vehicle.
- Pgs 10-13 cover typical install, SAT install and TVS Kit removal.

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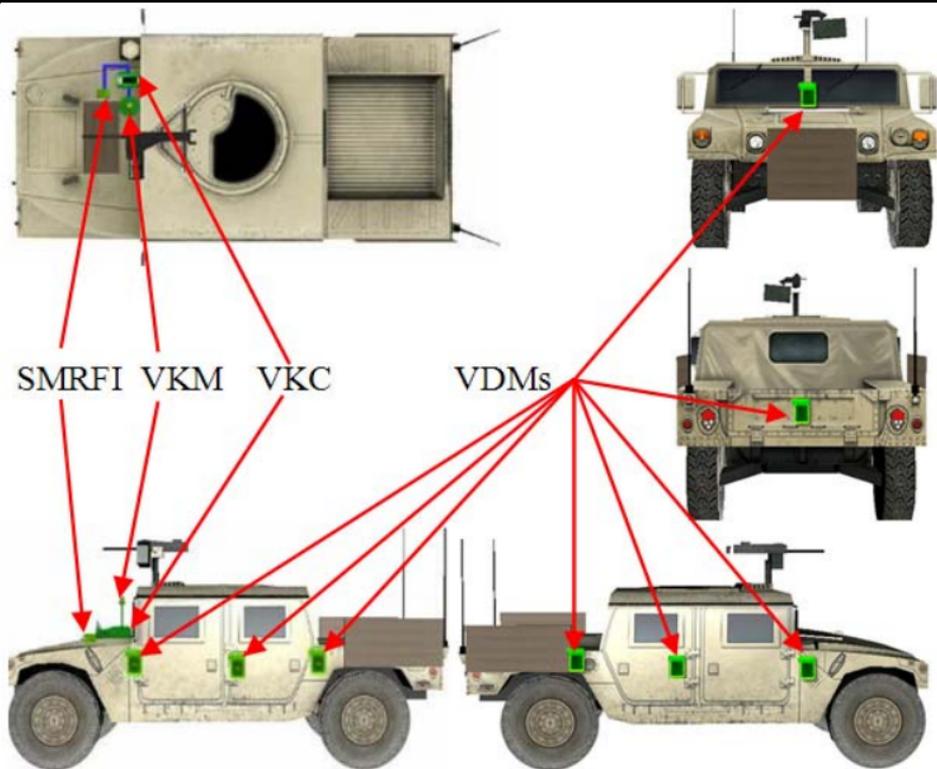


Fig 16 Typical Installation

SAT INSTALLATION

1. Identify SAT for desired weapon and check for obvious physical damage. Return if damaged.
 2. Loosen clamp screws and open SAT clamp.
 3. Hold SAT with Laser window forward (Fig 17).
 4. Place SAT on weapon barrel, as described on next page.
 5. Close clamp and tighten SAT screws equally until finger tight while keeping the two parts of the clamp square.
- NOTE:** Use care when starting screws not to cross threads.
6. Torque each SAT screw equally to the specified inch-pounds using the supplied wrench. Refer to page 12 for SAT specific mounting instructions.
- NOTE:** The torque wrench will “Break Away” at torque value.
7. Ensure Blank Fire Attachment (BFA) is attached correctly. Rotate BFA to divert gases away from Laser window.



Fig 17. Sat Installation

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M2	Mount Location: Top, slide SAT around cooling jacket, butting up against the receiver. Clamp Screw Torque: Use P/N 81-1009 (red handled) torque wrench. SAT Removal: Use same torque wrench.
M240	Mount Location: Left side of barrel, shooter's 9 o'clock, approximately ½ to 1 inch in front of the gas regulator knob, as shown in Fig 9. Clamp Screw Torque: Use P/N 81-1008 (green handled) torque wrench. SAT Removal: Use same torque wrench.
After mounting SAT refer to MAJiK quick card to align the SAT to the weapon.	



Fig 18. Representative SAT position on M240

TVS REMOVAL

WARNING

Ensure that power is turned off prior to hooking and unhooking cables on the TVS.

1. Tap Menu button on CCM (Fig 1).
2. Tap Uninstall Guide (Fig 3).
3. Perform steps 12-15 shown in Fig 19 after CCM is powered off.

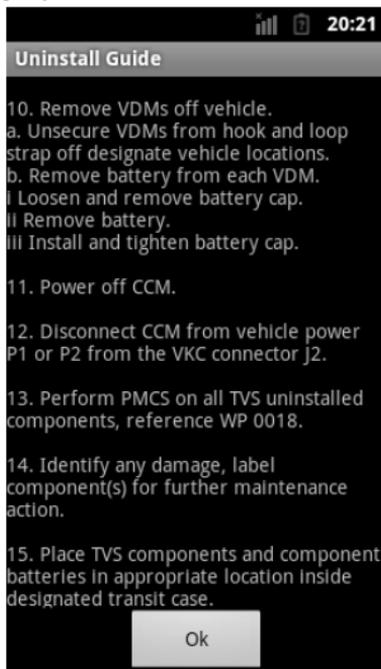


Fig 19. Uninstall Final Steps

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