

YOU NEED CIPs

HOLY COW! THE ENEMY'S AIM'S REALLY IMPROVED!



ON YOUR SIDE

I'VE GOT GOOD NEWS AND BAD NEWS FOR YA...



'GOOD NEWS IS THE ENEMY'S AIM HASN'T IMPROVED...

...THE BAD NEWS IS THOSE ARE OUR GUYS SHELLING US!

THE BATTLEFIELD IS A CHAOTIC AND DANGEROUS PLACE.

SO BEING ACCIDENTALLY SHOT BY SOMEONE ON YOUR OWN SIDE IS A SERIOUS CONCERN.

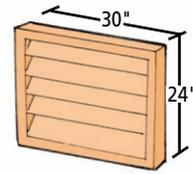
THAT'S WHY YOUR VEHICLE NEEDS COMBAT IDENTIFICATION PANELS (CIPs).



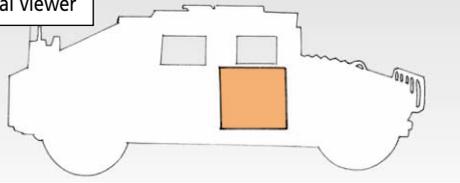
What are CIPs?

CIPs are 24x30-in panels that are covered with a special thermal tape. When mounted on the front, back and sides of a vehicle, the panels are seen as a unique contrasting "cold spot" when viewed through a thermal-imaging device.

CIPs measure 24x30 inches



Panels will appear as "cold spot" through thermal viewer



Gunners that are trained to recognize these unique signatures can tell if the vehicle in their sights is friendly or unknown.

The panels mount to the vehicle using bolts, hook-and-pile tape, or mounting frames. The back side is painted with CARC, so you can turn the system on or off by simply turning the panels.

How Do You Get CIPs?

CIPs are being fielded initially as free-issue items. If you've not yet received your panels, check with the CIP Program Manager at Ft Monmouth, NJ, DSN 987-5272/5864 or (732) 427-5272/5864.

The panels come in kits that include from three to five panels, depending on the vehicle. The kits are available in green or tan to match the camouflage colors for individual vehicles. All mounting hardware is included with the kits.

After initial free distribution, units must order replacements through normal supply channels.

HERE ARE THE NSNs FOR THE KITS...



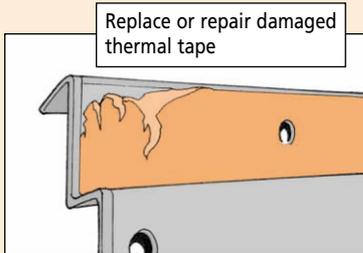
Vehicle	Green, NSN	Tan, NSN
M1A1/A2 tank	2350-01-394-7838	2350-01-394-2534
M2/M3-series Bradleys	2350-01-398-5169	2350-01-398-5170
MLRS	2350-01-398-5172	2350-01-398-5171
M113A2 FOV	2350-01-398-5166	2350-01-398-5164
M113A3 FOV	2350-01-398-5165	2350-01-398-5168
M88A1 recovery vehicle	2350-01-394-2530	2350-01-394-2531
M578 recovery vehicle	2350-01-421-7067	2350-01-421-7060
AVLB	2350-01-392-1565	2350-01-392-1566
M992A2 ammo carrier	2350-01-398-5177	2350-01-398-5178
M109A2-A5 SP howitzer	2350-01-398-5176	2350-01-398-5175
M109A6 Paladin	2350-01-398-5179	2350-01-398-5180
SEE	2320-01-398-5161	2320-01-398-5163
M9 ACE	2320-01-399-6773	2320-01-399-6774
D5B tractor	2320-01-400-1810	2320-01-400-1809
Fox NBC vehicle	2350-01-398-5174	2350-01-398-5173
M1025, M1026, M1043, HMMWV	2320-01-398-7193	2320-01-398-7195
M966, M1036, M1045, M1046 HMMWV	2320-01-398-7189	2320-01-398-7190
M996, M997 HMMWV	2320-01-398-7187	2320-01-398-7188
M1037, M1042, M1097 HMMWV	2320-01-398-7191	2320-01-398-7192
M998, M1035, M1038, M1097, M1109 HMMWV	2320-01-406-0481	2320-01-411-4393
M1114 HMMWV	2320-01-472-5882	2320-01-472-5884
Avenger	2320-01-398-7196	2320-01-398-7197

During initial fielding, units are also given a compact disk that provides mounting instructions, an NSN list of individual replacement parts, replacement procedures, care and maintenance, and thermal images of CIP-installed vehicles. If you need a new copy of the CD, contact the Program Manager for Combat ID at DSN 987-5550 or (732) 427-5550.



Before Operation

- ★ Eyeball the CIPs to make sure they're securely attached to the vehicle. If you see bends in the CIP brackets, try to straighten them. Report panels that are missing or can't be repaired.
- ★ Check the painted surface of the panels for damage. Spot paint with CARC if needed. Never paint over the thermal tape.
- ★ Inspect the panel for loose, missing or peeling thermal tape. Loose tape should be repaired using adhesive, NSN 8030-00-753-5004. Replace missing green tape with NSN 8135-01-390-7410 and tan tape with NSN 8135-01-392-2928. Each NSN brings a 3½-in x 150-ft roll of self-adhering thermal tape.



★ Keep the panels clear of dirt, dust, mud and sand. Use a soft, clean cloth to wipe off the panels.

IF THE TAPE'S DIRTY, YOU WON'T PROJECT A GOOD IMAGE—IN MORE WAYS THAN ONE.



Keep panels clean during operation



★ If the panels are mounted using hook-and-pile tape, make sure the tape is securely attached to the vehicle. The tape should also be clean and free of debris.

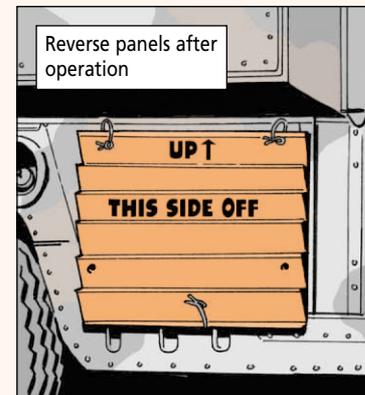
During Operation

When operational conditions allow, make the following checks:

- ★ Report any missing or damaged CIPs.
- ★ Glue down any loose tape.
- ★ Replace any missing thermal tape.
- ★ Wipe the panels with a soft, clean cloth. The panels will need cleaning more often in dusty environments to ensure a strong thermal signature.

After Operation

- ★ Report any missing or damaged CIPs.
- ★ Repair minor damage to the brackets, panels or panel inserts.
- ★ Glue down any loose thermal tape.
- ★ Replace any missing or damaged thermal tape or hook-and-pile tape.
- ★ Remove the panels before washing your vehicle. High-pressure water can knock the CIPs off and damage them.
- ★ Wash both sides of the CIPs with low-pressure water. Then dry them with a soft, clean cloth.
- ★ Reverse the panels so the CARC side faces out.



More Info

User's Guide No 95-3, *Combat Identification Quick Fix Devices*, provides information on training and techniques for vehicles equipped with CIPs. To get a copy, write to:

HQ TRADOC
TRADOC Program Integration Office -
Combat Identification
ATCD-MQ (Charles Purnell)
Ft Monroe, VA 23651-5000

Or call DSN 680-5864 or
 (757) 788-5864.

More information on CIP replacement and replenishment for panel kits, components, and tape is available through the CIP item manager at TACOM. Call DSN 786-7210 or (586) 574-7210.

OR SEND
 AN E-MAIL TO:
charles.purnell@
monroe.army.mil

