



# Tiger Lily Products

PO Box 549  
Niwot, CO, USA 80544

# TLP, Blinder, Bel, Escort, Valentine

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High Performance  
Radar, Laser & Photo  
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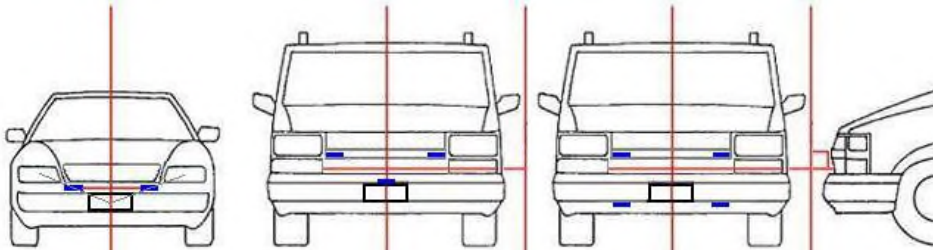
## PRS1-V-360, PRS2-V, PRS3-V, PRS4-V Installation Instructions, 2 Parts Part 1 of 2: Blinder™ M25 (Dual) & M45 (Quad) Laser Jammer Installation Instructions

We recommend the customer hire a qualified technician to install the Blinder M25 and M45 Laser Jammer.

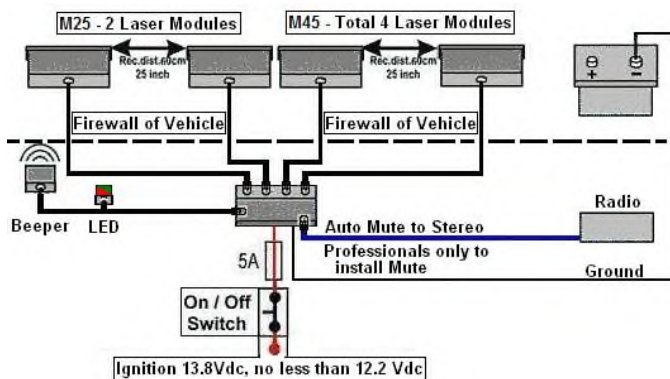
**INSTALLATION:** The Blinder™ M25 should be mounted on the front of the vehicle, centered between the license plate and center of each headlight. The M45 adds two additional modules, permitting 3 laser modules in front and 1 rear, or 2 in front and 2 rear on either side of the rear license plate. Do not look directly/indirectly into the lens of the Blinder™ at close range, as it emits a bright beam of light invisible to the human eye and will cause eye damage with prolonged exposure. Install the Blinders level and horizontal with the level device provided in the kit. A block diagram for the M25 and M45 installation are shown below.

### MOUNTING:

- 1) Locate the ideal horizontal location for the Blinder Module (see drawing below for 2/3/4 install in front). Locate the modules behind the grille for best, hidden view, but do not allow any physical object in front of the lens.
- 2) Make sure the vehicle is parked on a level surface. Install the laser modules level and pointing straight out from the vehicle. If the grille is rounded, ensure the laser modules are pointing straight out and level. See Diagram left.
- 3) Use provided hardware to fix the Blinder into position. Recheck the level of each laser module before and after tightening to position, using the yellow LEVEL device provided. Remove level device after correct install, snap the inserts provided into the level hole of each laser module to achieve a clean, smooth look on each module.
- 4) Each of the Blinder Jammer modules is connected to the single interface via telephone plug in jacks. The installer will need to find a suitable thru hole in the firewall to route the M25 (2) cables or M45 (4) cables through the firewall. Each cable has a firewall grommet, permitting you to replace the present firewall grommet with the Blinder Grommet. You may need to drill a 7/16" (11mm) diameter hole in the firewall. Use the grommet provided on each cable to seal the firewall.

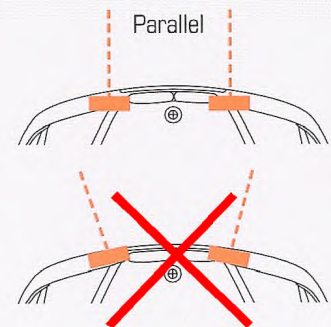


M25 (2 front modules) M45 (3 front modules) M45 (4 front modules)  
(1 rear module)



### Interface Box

Locate a suitable place for the interface box inside the car's interior. The interface box must not be located in the engine compartment because of moisture. The two cables from the transceivers are plugged into two of the jacks indicated by the numbers 1 to 4.



### Rated #1, 360 Degree, High Performance, PRS1-STi-360™ Prowler Remote™ System

PROWLER Remote, PRS1-STi-360, PRS1-V-360, PRS2-V, PRS2-STi, PRS3-V, PRS3-STi, PRS4-V, PRS4-STi, Got Performance are trademarks of Tiger Lily Products. All rights reserved. Copyright 1999-2008.

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- 5) Ensure cables are routed with existing cable bundles and tie wrap the Blinder cables in position. Ensure no contact across hot surfaces. Connect red lead, to a spare 12Vdc connection in Ignition fuse box. Connect Fuse and Master Power On/off as shown using hardware provided in box. Connect ground black lead of interface module to vehicle ground inside the cab.
- 6) The [BlueWire](#) is a radio mute wire and should only be installed by a professional installer or you could damage your radio.
- 7) Plug Buzzer and LED Alert into appropriate Alert phone plug of the interface module and connect the Buzzer/LED at a location that suits your driving habits (perhaps above the windshield visor, or in the dash, or in the center console).
- 8) Once proper install & electrical hookup is completed, turn Blinder power on. The Blinder™ will go through self test, & beep once for 1 second to indicate it is in test mode, and beep a 2<sup>nd</sup> time after about 60 seconds. During the 1<sup>st</sup> and 2<sup>nd</sup> beep, you can use your TV Remote to test the laser modules by aiming the TV Remote at the detector of the module (may be on left or right side of each laser module, depending how installed) and select channel up or down. This can only be done during the 1<sup>st</sup> 15- 60 seconds, at which time the 2<sup>nd</sup> beep occurs, the Blinder goes into normal search and jam, active mode. The LED will be green with power on, and when jamming, will turn red. Turn Blinder power off, then on again, if more time to self test is required.

**CUSTOMER MAINTENANCE:** The Blinder™ M25 & M45 lens should be cleaned with a clean, soft cotton fabric as often as required to remove dust, mud, etc. Do not scratch the lens in your effort to clean it. Performance is degraded if the lens is muddy or covered by heavy dust. Rock damage, dust and mud can decrease performance.

**OPERATION:** When the Blinder™ M25 & M45 is turned on, it will go through a self test cycle (see #8 above) and beep once for about 2 seconds to let the driver know it is fully functional and in active mode of operation. When the Blinder™ detects laser, it immediately analyzes the laser gun signal and jams it before the laser gun can display your speed. The Blinder provides an audio alert to the buzzer and the LED changes from green to red. When alerted, the driver should safely check their speed over a period of 2-3 seconds, then shut jamming power off after your speed has been safely adjusted. This allows the laser gun to detect your speed after you have adjusted your speed. After driving through the laser trap, turn the Blinder™ back on, continue your journey safely. Drive alert! Drive smart! Drive safe!

**DISCLAIMER:** The customer is 100% responsible for his/her driving habits under any/all situations when using the Blinder™. Damage to property or person due to negligence of any person(s) using the Blinder™ is not the responsibility of Tiger Lily Products or its certified Distributors. Tiger Lily Products, nor any of its Distributors condone speeding or unsafe driving.



**Warranty:** The Blinder™ M25 Dual & M45 Quad Laser Jammer is warranted against defects in material/workmanship for 12 months from purchase date, but does not include road damage caused by rock damage, improper install, incorrect wiring, misuse, wear, etc.

Plug and Play Cables included in both products

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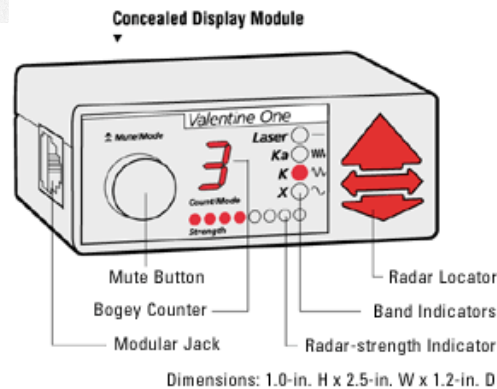
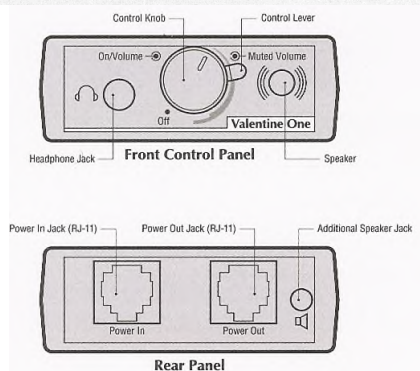
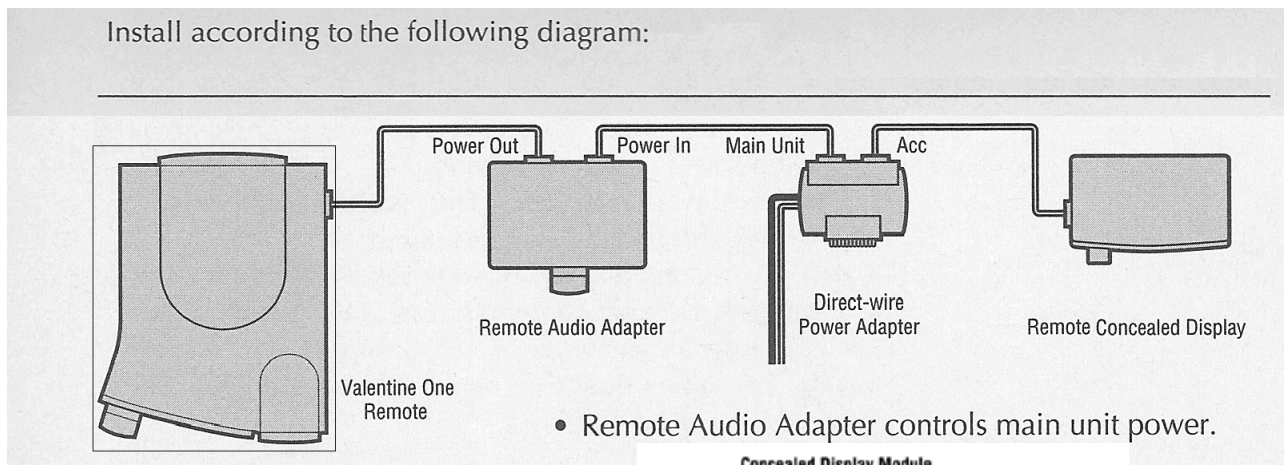
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### Part 2 of 2: V1 Install Instructions, V1 & Valentine 1 Programming, November 2007

Call us at 303-678-9101 if you want help in changing your Valentine 1 modes of operation.

1. Use J Hooks hardware to install Remote Kit behind grille of vehicle, on top of Ski Rack, or just under the bumper, or in the bumper (if a fiberglass bumper is available). The higher the better the performance. Drill holes on the outer flanges of the aluminum enclosure, left and right sides, use J Hooks to hold package to desired surface. A bracket is provided.
2. If your vehicle is an SUV or pickup truck or larger, you can install under the bumper. If the install location is good (typically just under the height of the bumper and approximately 18" back), the V1 will detect radar to the front with excellent sensitivity and to the rear with reasonable sensitivity. Do not install too low due to potential road damage to the V1 Remote, when parking or going over parking lot bumps.
3. The cable protruding from the Remote Kit is the rear of the kit facing the engine compartment.
4. If installed behind the grille, rear radar detection will be significantly reduced. Ensure no metal is in front of the V1 Remote, and ensure V1 Remote is kept away from radiator to prevent heat damage. If installed inside a front, foam core bumper, ensure no metal is in front of the V1 Remote.
5. Run the 14 foot cable into the cockpit and hook up according to electrical layout highlighted below. If the cabling is ran differently than shown above, there will be no display on the Remote Concealed Display.
6. Call TLP on any questions you have or to order remote electronic display, audio control and cabling. The Valentine One inside is a die-cast Magnesium enclosure, surrounded by a very sturdy Aluminum outer enclosure.

Install according to the following diagram:



### Rated #1, 360 Degree, High Performance, PRS1-V™ Prowler Remote™ System

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## How To Change V1 Remote and Valentine One Programming.

Call us at 303-678-9101 if you want help in changing your V1 modes of operation. **Change Modes at your own risk!**

### I. How to enter the Programming Mode.

- Starting with the Control Knob in the "off" position, Press and hold-in Knob and at the same time turn the Knob "on;" continue holding in the Knob until all front-panel lights are on (takes about 5 seconds).
- Release the Control Knob.

### II. How to determine your software version.

- Press and immediately release the Control Knob (shown at right) to display software version. The software-version number is four digits that display one digit at a time in the Bogey Counter-example: 2.869.
- Note your software number, then see the tables on the following pages on features programmable in your unit.
- Press and immediately release the Control Knob to exit software-version display and go to Step 1 programming.



### III. How to program your desired features.

- The feature character is indicated in the "Bogey Counter" (1, 2, 3, 4, 5, 6, 7, 8, A, b, C, d, E, F, G, H, J, or u).
- To select the next Feature Character in the sequence, press and immediately release the Control Knob.
- The Feature State is indicated by direction arrows on the Radar Locator. The Feature State is changed by pressing and holding the Control Knob until the arrow switches to the opposite direction (takes about 3 seconds). NOTE: If you need to return to an earlier Character in the sequence above, we recommend you switch off the power momentarily, then restart at step I above. **The numerical program modes of interest are as follows:**

- US/Canadian/HK** Frequency: #1 (X band **ON** =  **OFF** =  ) **Don't change any other mode on US/Canada!**
- EUROPE / AU** Frequency #1 (X band **OFF** =  )
- EUROPE / AU** Frequency #2 (K = 24.125GHz : **ON** =  )
- EUROPE / AU** Frequency #3 (Ka band **ON** =  )
- EUROPE / AU** Band #4 (Laser **ON** =  )
- EUROPE / AU** Frequency #4 #H (Ku **ON** =  )
- EUROPE / AU** Frequency #J (POP3 **ON** =  )
- EUROPE / AU** Frequency #U (Euro Ka = 34.2GHz, Narrowband Ka **ON** =  )

**Do not change any other mode!**

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**IV. How to exit the Programming Mode.**

- Switch power off, or unplug. The changes you programmed will be retained in memory.

**V. How to tell if V1 has been changed from factory settings.**

- If the unit has been changed, P will appear briefly in the Bogey Counter soon after V1 is switched on (after the lamps-on test, but before the Mode indicator appears.)
- On V1s with serial numbers ending in 0600 or higher, a flashing red LED just to the right of the Bogey Counter during the sequence above indicates that Ku coverage has been activated.

Feature Character (See Bogey Counter)	Arrow Direction	Description	Software Version								Factory Setting	
			2,890 - 2,895	2,899	2,899	2,979 - 2,989	3,019 - 3,092	3,012 - 3,013	3,019 - 3,017	3,019 - 3,019		3,021 and higher
This section allows you to turn off coverage of each radar band and laser.												
1	▲	X band on.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	▼	X band off.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	▲	K band on.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	▼	K band off.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	▲	Ka band on.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	▼	Ka band off.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	▲	Laser on.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	▼	Laser off.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
This section allows you to adjust the response of the signal-strength meter for Ka band only. V1's radar and laser sensitivity will not be changed.												
5	▲	Normal.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	▼	More Responsive.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
This section allows you to switch off the False-Alarm Guard or Ka band.												
6	▲	Guard on.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	▼	Guard off.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
This section allows you to switch on a feature that automatically mutes K-band alerts under certain circumstances. Feature Characters b, C, d, E, F, and G set the specifications of those circumstances. This automatic muting will happen in <b>L</b> and <b>L</b> modes only. Enable this feature only when planning long-term operation in an area with frequent K-band false alarms.												
7	▲	Features b thru G inactive.	n/a	✓	✓	✓	✓	✓	✓	✓	✓	✓
	▼	Features b thru G enabled.	n/a	✓	✓	✓	✓	✓	✓	✓	✓	✓
This section allows you to suppress the warning sound completely when you press to mute.												
8	▲	Muted vol. set by Control Lever	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	▼	Muted volume set to zero.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
This section allows you to change volume of any Bogey Lock Tones that occur after you press Mute.												
A	▲	Volume is set by Control Knob.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	▼	Volume is set by Control Lever.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Feature Character b	Feature Character C	Feature Character d	Software Version								Factory Setting	
			2,890 - 2,895	2,899	2,899	2,979 - 2,989	3,019 - 3,092	3,012 - 3,013	3,019 - 3,017	3,019 - 3,019		3,021 and higher
This section allows you to establish a time period of automatic muting at the onset of K-band alerts, in seconds. It may be helpful to think of b, C, and d as dip switches. The direction of the arrows in b, C, and d taken together, select the seconds of muting. <i>Example:</i> If you have Software Version 2,869 and want 3 seconds of muting at the onset of a K-band alert, set the arrows downward in b, C, and d.												
<b>Remember, features in this section are not enabled as factory settings</b>												
b	C	d	Factory default	Seconds								K-band Initial Mute Period (seconds)
▲	▲	▲	n/a	3	10	10	10	10	10	10	10	
▼	▼	▼	n/a	4	9	30	30	30	30	30	30	
▲	▲	▲	n/a	5	8	20	20	20	20	20	20	
▼	▼	▼	n/a	6	7	15	15	15	15	15	15	
▲	▲	▲	n/a	7	6	7	7	7	7	7	7	
▼	▼	▼	n/a	8	5	5	5	5	5	5	5	
▲	▲	▲	n/a	9	4	4	4	4	4	4	4	
▼	▼	▼	n/a	10	3	3	3	3	3	3	3	



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Euro K band is at 24.125GHz. Wideband Ka is turned off when Euro Ka is turned on. Ku is used in UK, Netherlands, Northern France, Taiwan, Belgium, but not in the USA as of Jan07.

The Euro Mode and Ku band are separate features and require separate activation. Euro Mode is a narrowband Ka used in Europe and Australia on photo speed traps.

When Euro Mode has been activated, upon power up you will see the sequence "E," "u," "r" appear in the Bogey Counter. When the power-up sequence is complete, the Bogey Counter will show either "U" or "u." Pressing the Control Knob will toggle between them.

Select "U" to enable both K and narrowband Ka (Photo) bands. Select "u" to enable only narrow Ka band.

### Euro Ka (Big U) mode detects:

Ka POPIII 33.8GHz

KA Narrowband 33.97GHz to 34.65GHz

after July 2006 (Rev 3.8.5.1 and later

KA Narrowband 34.2GHz to 34.45GHz

before July 2006

K 24.125GHz and K POPIII radar

**X turned off**

### Euro Ka (little u) mode detects:

Ka POP 33.8GHz

KA Narrowband 33.97GHz to 34.65GHz

after July 2006 (Rev 3.8.5.1 and later

KA Narrowband 34.2GHz to 34.45GHz

before July 2006

**All K turned off**

**All X turned off**

Euro Ku: 13.45 GHz

Feature Character (See Bogey Counter)	Arrow Direction	Description	Software Version										Factory Setting	
			2.889 - 2.895	2.899	2.899	2.879 - 2.899	3.079 - 3.092	3.812 - 3.813	3.818 - 3.817	3.818 - 3.819	3.821 - 3.819			
This section allows you to set an automatic override of the muting time you set in b, C, and d; if K-band strength exceeds four LEDs on the Signal Strength Meter at the onset of the encounter, there will be no muting.														
E	↕	Unmute at four lights.	n/a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	↕	Stay muted at four lights.	n/a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
This section allows you to set an automatic override of the muting time you set in b, C and d; if K-band strength slowly rises to six LED's on the Signal Strength Meter, sound will unmute.														
F	↕	Unmute at six lights.	n/a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	↕	Stay muted at six lights.	n/a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
This section allows you to automatically mute all K-band alerts when they are behind you.														
G	↕	Don't mute rear K-band.	n/a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	↕	Mute rear K-band.	n/a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
This section allows you to turn on coverage of Ku band.														
H	↕	Ku off.	n/a	n/a	n/a	n/a	✓	✓	✓	✓	✓	✓	✓	✓
	↕	Ku on.	n/a	n/a	n/a	n/a	✓	✓	✓	✓	✓	✓	✓	✓
This section allows you to turn factory test on and off.														
I	↕	Factory test off.	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	n/a	n/a	n/a	✓
	↕	Factory test on.	n/a	n/a	n/a	n/a	n/a	✓	n/a	n/a	n/a	n/a	n/a	✓
This section allows you to turn POP on and off.														
J	↕	POP on.	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	✓	✓	✓
	↕	POP off.	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	✓	✓	✓
This section allows you to turn European Mode on and off.														
U	↕	Euro off.	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	✓	✓
	↕	Euro on.	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	✓	✓	✓

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