4   Eagle 3 Tuning Fork Test

Stationary Tuning Fork Test
1. Place the Eagle 3 in stationary mode, select Front antenna.
2. Press the Test button or touch screen lower right.
3. Lightly strike the low fork (30 mph) and place in front of the antenna. Verify the speed displayed is ± 1 mph.
4. Repeat for the high fork and rear antenna (if equipped.)

Moving Mode Tuning Fork Tests
1. Place in the Moving Opposite mode, select Front antenna.
2. Press the Test button or touch screen lower right.
3. Lightly strike the low fork (30 mph) and place in front of the antenna. Verify the Patrol speed displayed is ± 1 mph.
4. While holding the lower speed fork in front of the antenna, lightly strike the high fork (55 mph) and place in front of the antenna. Verify the Target speed displayed is the difference between forks (25 mph) with a tolerance of ± 1 mph.
5. Repeat for Same direction with the High, then Low forks.
6. Verify the speed is the sum of the forks (85) ± 1 mph.
7. Repeat for the rear antenna (if equipped.)

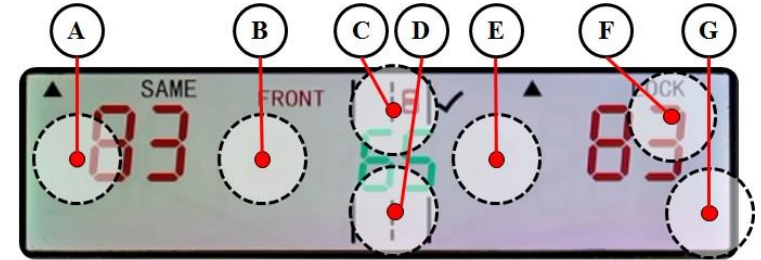**Eagle 3 Quick Reference Guide**
KSI Part # 006-1003-11 Rev 2

006-1003-11

Eagle 3 Quick Reference Guide
North Carolina Edition

1   Eagle 3 Front Panel Controls

 S1 - Press to enter Menus. In Menus, pressing increments Menu screens.

 S2 - Initiates the display, internal and tuning fork tests. In Menus, pressing will save selection and return to Main Enforcement screen.

 S3 - Programmable soft key for shortcut to favorite menu. Toggles Patrol Speed Blanking with a locked target and antennas in hold.

 S4 - Control for power on / off. Power off to save current menu selections.

KUSTOM SIGNALS, INC

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A	**LOCK/REL – Toggles locking and releasing target and patrol speeds. With unit in HOLD, press and hold for QuikTrak. In Audio Menu, toggles Doppler Audio Squelch/Unsquelch.**
B	**MODE - Toggles between stationary and moving modes. In Display Menu, toggles C1 & C3 display color settings.**
C	**Front/Hold - Toggles on/off Front antenna. If rear antenna active, press to place Rear antenna in Hold and activate Front. In Menus, increases level.**
D	**Rear/Hold - Toggles on/off Rear antenna. If front antenna active, press to place Front antenna in Hold and activate Rear. In Menus, decreases level.**
E	**SAME/OPP – Stationary – Press to select Stationary All, approaching only, and receding only. Moving - toggles between Opposite and Same Direction. In C1 Display Menu, progresses background colors.**

A. SAME/OPP		**In Stationary operation, progresses All, approaching only, and receding only target zones. In Moving Operations, it toggles Opposite and Same Direction.**
B. Down Arrow		**Down arrow in menus; lowers brightness in Display Menu with manual backlight.**
C. Front		**Toggles Front antenna microwave transmitter on/off.**
D. Rear		**Toggles Rear antenna microwave transmitter on/off.**
E. MODE/Up Arrow		**Toggles Moving/Stationary Modes, Up arrow in menu screens; increases brightness in Display Menu with manual control.**
F. Lock		**Toggles Target Speed Lock. Toggles manual/automatic brightness control in Display Menu.**
G. Test		**Shortcut to Tuning Fork test.**