

Test of Selector 6 box with slider tape fixture and PCAN sniffer.

1 – Set the slider in the down (home) position and read the position (on the monitor) as 504826 or 504827. No errors indicated on camera LEDs.

Hm_504826_no_error

Start Page Receive / Transmit F:\...\ENC_CAN\Trace5.trc * F:\...\ENC_CAN\Hm_504826.trc									
Filter: X None									
Bus	CAN-ID	CAN-ID (dec.)	DLC	Symbol	Data	Ti...	Cycle Time	Msg.Rate	Count
1	01Ah	26	8		D0 07 B3 FA 00 00 00 00		5.0	200	80593
1	01Bh	27	8		07 B3 74 00 79 D7 5B 3C		5.0	200	80593

WITH THE SLIDER FIXED IN THE DOWN (home) POSITION -

For ID 26: Data byte 0 increments up and rolls over. Data bytes 1 – 7 do not change.

For ID 27: Data bytes 0 – 3 do not change. Data bytes 4 – 7 continually change (the CRC for both 26 & 27)

2 – Lift up the slider about 3/8" off the base. No errors indicated on camera LEDs. Monitor indicates 504802.

Filter: X None					
Bus	CAN-ID	CAN-ID (dec.)	DLC	Symbol	Data
1	01Ah	26	8		58 07 B3 E2 00 00 00 00
1	01Bh	27	8		07 B3 5D 00 4C 42 3D A0

Therefore, the 3/8" (0.375") is represented by a monitor difference of (504826 – 504802) 24, so each increment on the monitor is worth (0.375 / 24) = 0.01563" = 0.0397 cm = 0.397mm (CEDES doc says resolution is 0.5mm).

3 - Lift up the slider about 11/16" off the base. No errors indicated on camera LEDs. Monitor indicates 504792.

Filter: X None					
Bus	CAN-ID	CAN-ID (dec.)	DLC	Symbol	Data
1	01Ah	26	8		4E 07 B3 D8 00 00 00 00
1	01Bh	27	8		07 B3 52 00 E4 7E F1 CF

4 - Lift up the slider until camera shows errors on all four positions.

Start Page * Receive / Transmit F:\...\ENC_CAN\Traces.trc F:\...\ENC_CAN\Hm_504826.trc							
Filter: X None							
<input type="checkbox"/>	Bus	CAN-ID	CAN-ID (dec.)	DLC	Symbol	Data	Ti...
	1	01Ah	26	8		00 07 B3 A1 00 00 AC 58	
	1	01Bh	27	8		FF FF FF 00 51 F4 EF 88	