

[10:53:12:963] PCM Hammer 006
 [10:53:12:973] Initializing J2534 Device
 [10:53:12:983] Loaded DLL
 [10:53:13:328] Thanks for using PCM Hammer.
 [10:53:13:523] Connected to Scantool
 [10:53:13:538] Battery Voltage is: 12.629
 [10:53:13:538] Battery Voltage is: 12.629
 [10:53:13:683] Protocol Set
 [10:53:13:698] Filter Set
 [10:53:19:230] TX: 6C 10 F0 3C 01
 [10:53:19:265] RX: 6C F0 10 7C 01 00 36 47 31 32 58
 [10:53:19:265] TX: 6C 10 F0 3C 02
 [10:53:19:300] RX: 6C F0 10 7C 02 31 34 46 34 33 4C
 [10:53:19:300] TX: 6C 10 F0 3C 03
 [10:53:19:345] RX: 6C F0 10 7C 03 31 32 33 31 34 35
 [10:53:19:345] VIN: 6G12X14F43L123145
 [10:53:19:355] TX: 6C 10 F0 3C 0A
 [10:53:19:395] RX: 6C F0 10 7C 0A 00 BA 8A 32
 [10:53:19:395] OS ID: 12225074
 [10:53:19:400] TX: 6C 10 F0 3C 08
 [10:53:19:440] RX: 6C F0 10 7C 08 05 7F 02 19
 [10:53:19:440] Calibration ID: 92209689
 [10:53:19:445] TX: 6C 10 F0 3C 04
 [10:53:19:475] RX: 6C F0 10 7C 04 00 8F 3A 22
 [10:53:19:475] Hardware ID: 9386530
 [10:53:19:480] TX: 6C 10 F0 3C 05
 [10:53:19:505] RX: 6C F0 10 7C 05 34 45 42 33
 [10:53:19:505] TX: 6C 10 F0 3C 06
 [10:53:19:540] RX: 6C F0 10 7C 06 45 50 58 37
 [10:53:19:540] TX: 6C 10 F0 3C 07
 [10:53:19:570] RX: 6C F0 10 7C 07 34 30 34 31
 [10:53:19:570] Serial Number: 4EB3EPX74041
 [10:53:19:580] TX: 6C 10 F0 3C 14
 [10:53:19:620] RX: 6C F0 10 7C 14 44 53 4B 57
 [10:53:19:620] Broad Cast Code: DSKW
 [10:53:19:620] TX: 6C 10 F0 3C A0
 [10:53:19:665] RX: 6C F0 10 7C A0 00
 [10:53:19:665] MEC: 0
 [10:54:18:988] Please try again with a less important PCM.
 [10:54:46:870] C:\Users\Ashley\Documents\PCM
 Hammer\PcmHammer006\PcmHammer006\Monaro New ECU VIN VATS 346 v4.bin
 [10:54:46:875] Validating 512k file.

Start	End	Stored	Needed	Verdict	Segment Name
00000	7FFFD	0BA1	0BA1	Good	Operating system
08002	13FFF	09A5	09A5	Good	Engine calibration
14002	16DFF	6F07	6F07	Good	Engine diagnostics.
16E02	1BDFF	30D8	30D8	Good	Transmission calibration
1BE02	1C7FF	7007	7007	Good	Transmission diagnostics
1C802	1E51F	7282	7282	Good	Fuel system
1E522	1EE9F	735D	735D	Good	System
1EEA2	1EF9F	CCEE	CCEE	Good	Speedometer

[10:54:46:945] Requesting operating system ID...

[10:54:46:950] TX: 6C 10 F0 3C 0A

[10:54:46:985] RX: 6C F0 10 7C 0A 00 BA 8A 32

[10:54:46:985] PCM and file are both operating system 12225074

[10:54:46:995] Suppressing VPW chatter.

[10:54:46:995] TX: 6C FE F0 28 00

[10:54:47:005] Sending 'test device present' notification.

[10:54:47:005] TX: 8C FE F0 3F

[10:54:47:010] Sending seed request.

[10:54:47:010] TX: 6C 10 F0 27 01

[10:54:47:045] RX: 6C F0 10 67 01 49 1E

[10:54:47:045] Parsing seed value.

[10:54:47:045] Sending unlock request (1E49, 7504)

[10:54:47:045] TX: 6C 10 F0 27 02 75 04

[10:54:47:080] RX: 6C F0 10 67 02 34

[10:54:47:080] Unlock succeeded.

[10:54:47:100] Sending 'test device present' notification.

[10:54:47:100] TX: 8C FE F0 3F

[10:54:47:110] Attempting switch to VPW 4x

[10:54:47:130] TX: 6C FE F0 A0

[10:54:47:160] RX: 6C F0 10 E0 AA

[10:54:47:160] Parsing 6C F0 10 E0 AA

[10:54:47:165] Module 0x10 (engine controller) has agreed to enter high-speed mode.

[10:54:47:180] Sending 'test device present' notification.

[10:54:47:180] TX: 8C FE F0 3F

[10:54:49:185] ReadMsgs OBDError: ERR_BUFFER_EMPTY

[10:54:49:185] TX: 6C FE F0 A1

[10:54:51:191] ReadMsgs OBDError: ERR_BUFFER_EMPTY

[10:54:51:191] J2534 setting VPW 4X

[10:54:51:316] Loaded C:\Users\Ashley\Documents\PCM Hammer\PcmHammer006\PcmHammer006\write-kernel.bin

[10:54:51:326] Uploading kernel to PCM.

[10:54:51:341] Sending upload request for kernel size 8044, loadaddress FF8000

[10:54:51:346] TX: 6C 10 F0 34 00 10 00 FF 80 00

[10:54:51:366] RX: 6C F0 10 74 00 44

[10:54:51:366] Found response, succeeded.

[10:54:51:366] Going to load a 8044 byte kernel to 0xFF8000

[10:54:51:366] Sending end block payload with offset 0x1800, start address 0xFF9800, length 0x76C.

[10:54:51:366] Sending 'test device present' notification.

[10:54:51:371] TX: 8C FE F0 3F

[10:54:51:376] TX: 6D 10 F0 36 00 07 6C FF 98 00 01 24 0C AF 00 FF 7F FF 00 10 63 00 00 BC 20 2F 00 10 D0 AF 00 14 0C 80 00 FF CD FF 62 00 00 AA 42 AF 00 0A 42 AF 00 1A 60 66 22 2F 00 1A 24 01 4C 3C 2C 00 51 EB 85 1F E8 80 24 01 D4 82 95 82 20 42 90 88 D0 80 24 00 E5 8A 20 42 D0 88 24 00 E5 8A 20 42 D0 88 24 01 94 80 20 02 72 01 B2 80 66 06 4E B9 00 FF 8B E0 20 2F 00 1A 24 2F 00 10 D4 80 2F 42 00 0A 22 2F 00 0A 70 0A D0 AF 00 1A 10 30 09 B0 00 FF A8 04 20 41 10 80 52 AF 00 1A 20 2F 00 1A B0 AF 00 14 65 90 42 80 10 2F 00 19 2F 00 4E BA FC F4 58 8F 4E B9 00 FF 8C 70 0C 2F FF 80 00 19 66 10 2F 6F 00 10 00 06 20 2F 00 06 20 40 4E 90 60 5E 60 5C 0C 2F 00 44 00 19 57 C0 44 00 10 00 02 80 00 00 00 FF 2F 00 48 79 00 FF A8 0E 2F 2F 00 18 2F 2F 00 20 4E B9 00 FF 87 96 50 8F 50 8F 1F 40 00 05 4A 2F 00 05 66 10 42 80 10 2F 00 19 2F 00 4E BA FC 90 58 8F 60 16 10 2F 00 05 10 00 02 80 00 00 00 FF 2F 00 42 A7 4E BA FC C6 50 8F 24 1F 4F EF 00 20 4E 75 59 8F 20 3C 00 FF FA 48 20 40 30 BC 00 06 20 3C 00 FF FA 4A 20 40 30 BC 68 20 20 3C 00 FF FA 4C 20 40 30 BC 00 06 20 3C 00 FF FA 4E

20 40 30 BC 70 60 20 3C FF FF E2 FA 20 40 3F 50 00 02 4E B9 00 FF 8C 2A 00 6F 00 01 00 02 4E B9 00
FF 8C 2A 20 3C FF FF E2 FA 20 40 30 AF 00 02 48 78 00 50 4E B9 00 FF 8C 90 58 8F 58 8F 4E 75 59 8F
20 3C 00 FF FA 48 20 40 30 BC 00 06 20 3C 00 FF FA 4A 20 40 30 BC 68 20 20 3C 00 FF FA 4C 20 40 30
BC 00 06 20 3C 00 FF FA 4E 20 40 30 BC 10 60 20 3C FF FF E2 FA 20 40 3F 50 00 02 02 6F FF FE 00 02
4E B9 00 FF 8C 2A 4E B9 00 FF 8C 2A 20 3C FF FF E2 FA 20 40 30 AF 00 02 48 78 00 50 4E B9 00 FF 8C
90 58 8F 58 8F 4E 75 59 8F 20 3C 00 FF FA 4C 20 40 30 BC 00 06 20 3C 00 FF FA 4A 20 40 30 BC 68 20
20 3C 00 FF FA 4E 20 40 30 BC 70 60 42 80 20 40 30 BC 90 90 42 80 20 40 2E 90 42 80 20 40 30 BC FF
FF 20 3C 00 FF FA 4E 20 40 30 BC 10 60 20 17 58 8F 4E 75 51 8F 59 8F 42 6F 00 0A 4E B9 00 FF 99 2C
2F 6F 00 10 00 02 20 2F 00 02 20 40 30 BC 50 50 20 2F 00 02 20 40 30 BC 20 20 20 2F 00 02 20 40 30
BC D0 D0 4E B9 00 FF 8C 2A 4E B9 00 FF 8C 2A 20 2F 00 02 20 40 30 BC 70 70 42 AF 00 06 60 32 4E
B9 00 FF 8B E0 4E B9 00 FF 8C 2A 4E B9 00 FF 8C 2A 20 2F 00 02 20 40 3F 50 00 0A 42 80 30 2F 00 0A
72 7F 46 01 C0 81 4A 80 67 02 60 0E 52 AF 00 06 0C AF 00 63 FF FF 00 06 6F C4 02 6F 00 E8 00 0A 20
2F 00 02 20 40 30 BC FF FF 20 2F 00 02 20 40 30 BC FF FF 4E B9 00 FF 99 98 0C 6F 00 80 00 0A 66 04
42 6F 00 0A 30 2F 00 0A 10 00 50 8F 58 8F 4E 75 4F EF FF E0 42 2F 00 1F 4A AF 00 30 66 06 4E B9 00
FF 99 2C 2F 6F 00 2C 00 0E 2F 6F 00 28 00 0A 42 AF 00 18 60 00 00 E2 20 2F 00 18 D0 80 22 2F 00 0A
D2 80 2F 41 00 06 20 2F 00 18 D0 80 D0 AF 00 0E 20 40 3F 50 00 04 4A AF 00 30 66 28 20 2F 00 06 20
40 30 BC 50 50 20 2F 00 06 20 40 30 BC 40 40 20 2F 00 06 20 40 30 AF 00 04 20 2F 00 06 20 40 30 BC
70 70 42 2F 00 17 42 AF 00 12 60 46 4A AF 00 30 67 08 3F 7C 00 80 00 1C 60 0A 20 2F 00 06 20 40 3F
50 00 1C 4E B9 00 FF 8B E0 42 80 30 2F 00 1C 72 7F 46 01 C0 81 4A 80 67 08 1F 7C 00 01 00 17 60 1A
4E B9 00 FF 8C 2A 4E B9 00 FF 8C 2A 52 AF 00 12 0C AF 00 00 0F FF 00 12 6F B0 4A 2F 00 17 66 2E 30
2F 00 1C 1F 40 00 1F 4A AF 00 30 66 1A 20 2F 00 06 20 40 30 BC FF FF 20 2F 00 06 20 40 30 BC FF FF
4E B9 00 FF 99 98 10 2F 00 1F 60 52 52 AF 00 18 20 2F 00 24 E2 88 B0 AF 00 18 62 00 FF 14 4A AF 00
30 66 1A 2E AF 00 28 20 17 20 40 30 BC FF FF 20 17 20 40 30 BC FF FF 4E B9 00 FF 99 98 42 80 30 2F
00 1C 72 67 46 01 C0 81 0C 80 00 00 00 80 67 08 30 2F 00 1C 1F 40 00 1F 10 2F 00 1F 4F EF 00 20 4E
75 51 8F 2F 02 20 3C 00 FF FA 4C 20 40 30 BC 00 06 20 3C 00 FF FA 4A 20 40 30 BC 68 20 20 3C 00 FF
FA 4E 20 40 30 BC 70 60 20 3C 00 00 0A AA 20 40 30 BC AA AA 20 3C 00 00 05 54 20 40 30 BC 55 55
20 3C 00 00 0A AA 20 40 30 BC 90 90 42 80 20 40 3F 50 00 0A 70 02 20 40 3F 50 00 08 42 80 30 2F 00
0A 22 00 48 41 42 41 42 80 30 2F 00 08 24 01 84 80 2F 42 00 04 42 80 20 40 30 BC FF FF 20 3C 00 FF
FA 4E 20 40 30 BC 10 60 20 2F 00 04 24 1F 50 8F 4E 75 51 8F 51 8F 42 6F 00 0E 4E B9 00 FF 99 2C 2F
6F 00 14 00 06 20 3C 00 00 0A AA 20 40 30 BC AA AA 20 3C 00 00 05 54 20 40 30 BC 55 55 20 3C 00
00 0A AA 20 40 30 BC 80 80 20 3C 00 00 0A AA 20 40 30 BC AA AA 20 3C 00 00 05 54 20 40 30 BC 55
55 20 2F 00 06 20 40 30 BC 30 30 42 6F 00 04 42 6F 00 02 42 AF 00 0A 60 58 20 2F 00 06 20 40 30 10
32 00 02 41 00 40 3F 41 00 04 4E B9 00 FF 8B E0 20 2F 00 06 20 40 30 10 32 00 02 41 00 40 3F 41 00
02 30 2F 00 02 B0 6F 00 04 66 02 60 2C 20 2F 00 06 20 40 30 10 32 00 02 41 00 20 3E 81 4A 57 66 06
52 AF 00 0A 60 08 3F 7C 00 A0 00 0E 60 0A 0C AF 00 63 FF FF 00 0A 6F 9E 0C 6F 00 A0 00 0E 66 3A 20
2F 00 06 20 40 30 10 32 00 02 41 00 40 3F 41 00 04 20 2F 00 06 20 40 30 10 32 00 02 41 00 40 3F 41
00 02 30 2F 00 02 B0 6F 00 04 67 08 3F 7C 00 B0 00 0E 60 04 42 6F 00 0E 20 2F 00 06 20 40 30 BC F0
F0 20 2F 00 06 20 40 30 BC F0 F0 4E B9 00 FF 99 98 30 2F 00 0E 10 00 50 8F 50 8F 4E 75 4F EF FF E0
42 2F 00 15 4A AF 00 30 66 06 4E B9 00 FF 99 2C 2F 6F 00 2C 00 10 2F 6F 00 28 00 0C 42 AF 00 1C 60
00 00 DA 20 2F 00 1C D0 80 22 2F 00 0C D2 80 2F 41 00 08 20 2F 00 1C D0 80 D0 AF 00 10 20 40 3F
50 00 06 4A AF 00 30 66 2E 20 3C 00 00 0A AA 20 40 30 BC AA AA 20 3C 00 00 05 54 20 40 30 BC 55
55 20 3C 00 00 0A AA 20 40 30 BC A0 A0 20 2F 00 08 20 40 30 AF 00 06 42 2F 00 1B 42 AF 00 16 60
3A 4E B9 00 FF 8B E0 4A AF 00 30 66 0A 20 2F 00 08 20 40 30 10 60 04 30 2F 00 06 3F 40 00 04 30 2F
00 06 B0 6F 00 04 66 08 1F 7C 00 01 00 1B 60 14 4E B9 00 FF 8C 2A 52 AF 00 16 0C AF 00 00 0F FF 00
16 6F BC 4A 2F 00 1B 66 2C 1F 7C FF AA 00 15 4A AF 00 30 66 1A 20 2F 00 08 20 40 30 BC F0 F0 20 2F
00 08 20 40 30 BC F0 F0 4E B9 00 FF 99 98 10 2F 00 15 60 34 52 AF 00 1C 20 2F 00 24 E2 88 B0 AF 00
1C 62 00 FF 1C 4A AF 00 30 66 1A 2E AF 00 28 20 17 20 40 30 BC F0 F0 20 17 20 40 30 BC F0 F0 4E B9
00 FF 99 98 42 00 4F EF 00 20 4E 75 3B C3

[10:54:51:816] RX: 6D F0 10 76 00 73

[10:54:51:816] Found response, succeeded.

[10:54:51:816] Sending block with offset 0x001000, start address 0xFF9000, length 0x0800.

[10:54:51:816] TX: 6D 10 F0 36 00 08 00 FF 90 00 10 81 20 3C 00 FF F6 0C 20 40 10 BC 00 02 4A AF
00 08 66 02 60 48 20 2F 00 18 20 40 10 10 00 02 80 00 00 00 FF 72 30 C0 81 72 30 B2 80 66 0E 20
2F 00 1C 20 40 10 BC 00 02 42 80 60 28 20 2F 00 1C 20 40 10 BC 00 01 20 2F 00 08 60 18 4E 71 20 2F
00 1C 20 40 10 BC 00 0B 42 80 60 08 4E BA FB 80 60 00 FE DE 4F EF 00 14 4E 75 59 8F 20 2F 00 0C 53
80 2E 80 60 2A 20 17 D0 AF 00 10 22 17 D2 AF 00 08 20 41 12 10 11 81 09 B0 00 FF A8 04 20 17 02 80
00 00 01 FF 4A 80 66 04 4E BA FB 42 53 97 4A 97 6C D2 58 8F 4E 75 4E BA FB C4 13 FC 00 6C 00 FF A8
04 13 FC FF F0 00 FF A8 05 13 FC 00 10 00 FF A8 06 13 FC 00 60 00 FF A8 07 20 2F 00 04 72 18 E2 A8
10 00 13 C0 00 FF A8 08 20 2F 00 04 02 80 00 FF 00 00 42 40 48 40 10 00 13 C0 00 FF A8 09 20 2F 00
04 02 80 00 00 FF 00 E0 88 10 00 13 C0 00 FF A8 0A 20 2F 00 04 10 00 13 C0 00 FF A8 0B 48 78 00 05
48 78 00 08 48 79 00 FF A8 04 4E BA FC 3E 50 8F 58 8F 4E BA FB 44 60 FE 51 8F 51 8F 2F 02 22 6F 00
18 20 6F 00 1C 22 2F 00 20 20 2F 00 24 34 09 1F 42 00 0A 34 08 1F 42 00 08 1F 41 00 06 1F 40 00 04
1F 7C FF 8C 00 0C 1F 7C FF FE 00 0D 1F 7C FF F0 00 0E 1F 7C 00 3F 00 0F 42 2F 00 10 42 2F 00 11 42
2F 00 12 42 2F 00 13 1F 6F 00 0A 00 10 1F 6F 00 08 00 11 1F 6F 00 06 00 12 1F 6F 00 04 00 13 48 78
00 05 48 78 00 08 70 14 D0 8F 2F 00 4E BA FB B8 50 8F 58 8F 4E BA FA F0 24 1F 50 8F 50 8F 4E 75 2F
02 20 2F 00 08 10 00 10 00 02 80 00 00 00 FF 22 40 20 2F 00 08 02 80 00 00 FF 00 E0 88 10 00 10 00
02 80 00 00 00 FF 20 40 20 2F 00 08 02 80 00 FF 00 00 42 40 48 40 10 00 42 81 12 00 20 2F 00 08 74
18 E4 A8 10 00 10 00 02 80 00 00 00 FF 2F 09 2F 08 2F 01 2F 00 4E BA FF 1A 50 8F 50 8F 24 1F 4E 75
51 8F 42 6F 00 06 70 04 2F 40 00 02 60 1C 20 2F 00 02 06 80 00 FF A8 04 20 40 10 10 10 00 02 40 00
FF D1 6F 00 06 52 AF 00 02 70 09 B0 AF 00 02 6C DC 30 2F 00 06 50 8F 4E 75 51 8F 2F 02 4E BA F9 80
42 6F 00 0A 42 AF 00 06 60 56 20 2F 00 06 D0 AF 00 10 20 40 1F 50 00 05 42 40 10 2F 00 05 D1 6F 00
0A 22 2F 00 06 24 01 4C 3C 2C 00 51 EB 85 1F EA 80 24 01 D4 82 95 82 20 42 90 88 E5 88 24 00 E5 8A
20 42 D0 88 24 00 E5 8A 20 42 D0 88 24 01 94 80 20 02 4A 80 66 04 4E BA F9 24 52 AF 00 06 20 2F
00 06 B0 AF 00 14 65 A0 4E BA F9 12 30 2F 00 0A 24 1F 50 8F 4E 75 59 8F 20 2F 00 0C 3F 40 00 02 70
0A D0 AF 00 08 32 2F 00 02 E0 49 12 01 11 81 09 B0 00 FF A8 04 70 0B D0 AF 00 08 32 2F 00 02 12 01
11 81 09 B0 00 FF A8 04 58 8F 4E 75 59 8F 20 2F 00 08 1F 40 00 02 13 FC 00 6C 00 FF A8 04 13 FC FF
F0 00 FF A8 05 13 FC 00 10 00 FF A8 06 13 FC 00 7D 00 FF A8 07 42 39 00 FF A8 08 13 FC 00 01 00 FF
A8 09 13 FC 00 02 00 FF A8 0A 42 39 00 FF A8 0B 13 EF 00 02 00 FF A8 0C 4E BA F9 1E 48 78 00 05 48
78 00 09 48 79 00 FF A8 04 4E BA F9 EE 50 8F 58 8F 58 8F 4E 75 00 00 51 8F 10 39 00 FF A8 09 10 00
02 80 00 00 00 FF 2F 40 00 04 20 2F 00 04 E1 88 2F 40 00 04 10 39 00 FF A8 0A 10 00 02 80 00 00 00
FF 81 AF 00 04 10 39 00 FF A8 0B 10 00 02 80 00 00 00 FF 2E 80 20 17 E1 88 2E 80 10 39 00 FF A8 0C
10 00 02 80 00 00 00 FF 81 97 20 17 E1 88 2E 80 10 39 00 FF A8 0D 10 00 02 80 00 00 00 FF 81 97 13
FC 00 6D 00 FF A8 04 13 FC FF F0 00 FF A8 05 13 FC 00 10 00 FF A8 06 13 FC 00 36 00 FF A8 07 13 FC
00 01 00 FF A8 08 20 2F 00 04 E0 88 10 00 13 C0 00 FF A8 09 20 2F 00 04 10 00 13 C0 00 FF A8 0A 20
17 42 40 48 40 10 00 13 C0 00 FF A8 0B 20 17 E0 88 10 00 13 C0 00 FF A8 0C 20 17 10 00 13 C0 00 FF
A8 0D 4E B9 00 FF 8C 80 48 78 00 01 48 78 00 0A 48 79 00 FF A8 04 4E B9 00 FF 8D 62 50 8F 58 8F 20
2F 00 04 30 00 30 00 02 80 00 00 FF FF 22 17 48 78 00 0C 2F 00 2F 01 4E B9 00 FF 8D 62 50 8F 58 8F
50 8F 4E 75 51 8F 10 39 00 FF A8 09 10 00 02 80 00 00 00 FF 2F 40 00 04 20 2F 00 04 E1 88 2F 40 00
04 10 39 00 FF A8 0A 10 00 02 80 00 00 00 FF 81 AF 00 04 10 39 00 FF A8 0B 10 00 02 80 00 00 00 FF
2E 80 20 17 E1 88 2E 80 10 39 00 FF A8 0C 10 00 02 80 00 00 00 FF 81 97 20 17 E1 88 2E 80 10 39 00
FF A8 0D 10 00 02 80 00 00 00 FF 81 97 0C AF 00 00 10 00 00 04 62 08 0C 97 00 FF A0 00 67 42 13 FC
00 6C 00 FF A8 04 13 FC FF F0 00 FF A8 05 13 FC 00 10 00 FF A8 06 13 FC 00 7F 00 FF A8 07 13 FC 00
34 00 FF A8 08 48 78 00 05 48 78 00 05 48 79 00 FF A8 04 4E B9 00 FF 8D 62 50 8F 58 8F 60 3E 13 FC
00 6C 00 FF A8 04 13 FC FF F0 00 FF A8 05 13 FC 00 10 00 FF A8 06 13 FC 00 74 00 FF A8 07 42 39 00
FF A8 08 48 78 00 05 48 78 00 05 48 79 00 FF A8 04 4E B9 00 FF 8D 62 50 8F 58 8F 50 8F 4E 75 59 8F
20 2F 00 08 1F 40 00 02 13 FC 00 6D 00 FF A8 04 13 FC FF F0 00 FF A8 05 13 FC 00 10 00 FF A8 06 13
FC 00 76 00 FF A8 07 13 EF 00 02 00 FF A8 08 48 78 00 05 48 78 00 04 48 79 00 FF A8 04 4E B9 00 FF
8D 62 50 8F 58 8F 58 8F 4E 75 59 8F 22 2F 00 08 20 2F 00 0C 1F 41 00 02 1E 80 13 FC 00 6D 00 FF A8
04 13 FC FF F0 00 FF A8 05 13 FC 00 10 00 FF A8 06 13 FC 00 7F 00 FF A8 07 13 FC 00 36 00 FF A8 08
13 EF 00 02 00 FF A8 09 13 D7 00 FF A8 0A 48 78 00 05 48 78 00 07 48 79 00 FF A8 04 4E B9 00 FF 8D
62 50 8F 58 8F 58 8F 4E 75 4F EF FF E0 2F 02 1F 79 00 FF A8 08 00 19 10 39 00 FF A8 09 10 00 02 80
00 00 00 FF 2F 40 00 14 20 2F 00 14 E1 88 2F 40 00 14 10 39 00 FF A8 0A 10 00 02 80 00 00 00 FF 81

AF 00 14 10 39 00 FF A8 0B 10 00 02 80 00 00 00 FF 2F 40 00 10 20 2F 00 10 E1 88 2F 40 00 10 10 39
00 FF A8 0C 10 00 02 80 00 00 00 FF 81 AF 00 10 20 2F 00 10 E1 88 2F 40 00 10 10 39 00 FF A8 0D 10
00 02 80 00 00 00 FF 81 AF 00 10 42 6F 00 22 70 04 2F 40 00 1E 60 30 20 2F 00 1E 02 80 00 00 03 FF
4A 80 66 06 4E B9 00 FF 8B E0 20 2F 00 1E 06 80 00 FF A8 04 20 40 10 10 10 00 02 40 00 FF D1 6F 00
22 52 AF 00 1E 70 0A D0 AF 00 14 B0 AF 00 1E 62 C4 70 0A D0 AF 00 14 10 30 09 B0 00 FF A8 04 10
00 02 80 00 00 00 FF E1 88 32 00 70 0B D0 AF 00 14 10 30 09 B0 00 FF A8 04 10 00 02 40 00 FF 80 41
3F 40 00 0E 30 2F 00 0E B0 6F 00 22 67 00 00 94 13 FC 00 6D 00 FF A8 04 13 FC FF F0 00 FF A8 05 13
FC 00 10 00 FF A8 06 13 FC 00 7F 00 FF A8 07 13 FC 00 36 00 FF A8 08 30 2F 00 22 E0 48 10 00 13 C0
00 FF A8 09 30 2F 00 22 10 00 13 C0 00 FF A8 0A 30 2F 00 0E E0 48 10 00 13 C0 00 FF A8 0B 30 2F 00
0E 10 00 13 C0 00 FF A8 0C 20 2F 00 14 E0 88 10 00 13 C0 00 FF A8 0D 20 2F 00 14 10 00 13 C0 00 FF
A8 0E 48 78 00 05 48 78 00 0B 48 79 00 FF A8 04 4E B9 00 FF 8D 62 50 8F 58 8F 60 00 01 3E 70 01 C0
AF 00 10 4A 80 67 10 42 A7 48 78 00 BB 4E BA FD EC 50 8F 60 00 77 21

[10:54:52:276] RX: 6D F0 10 76 00 73

[10:54:52:276] Found response, succeeded.

[10:54:52:276] Kernel upload 49% complete.

[10:54:52:291] Sending block with offset 0x000800, start address 0xFF8800, length 0x0800.

[10:54:52:296] TX: 6D 10 F0 36 00 08 00 FF 88 00 60 00 01 84 10 39 00 FF A8 06 0C 00 FF F0 67 04 60
00 01 74 10 39 00 FF A8 07 10 00 02 80 00 00 00 FF 72 CC D0 81 72 0B B2 80 65 00 01 18 30 3B 0A 06
4E FB 00 02 00 18 00 28 00 32 00 4C 01 0E 01 0E 01 0E 01 0E 00 72 01 0E 01 4E 4E B9 00 FF 94
96 4E B9 00 FF 8C C2 60 00 01 2A 4E B9 00 FF 93 80 60 00 01 20 10 39 00 FF A8 04 0C 00 00 6D 66 0A
4E B9 00 FF 96 48 60 00 01 0A 60 00 01 06 10 39 00 FF A8 07 10 00 02 80 00 00 00 FF 42 A7 42 A7 2F
00 48 78 00 B2 4E B9 00 FF 91 30 50 8F 50 8F 60 00 00 E0 10 39 00 FF A8 08 10 00 02 80 00 00 00 FF
72 03 B2 80 67 48 72 03 B2 80 6D 12 72 01 B2 80 67 30 72 01 B2 80 6D 30 4A 80 67 18 60 48 72 05
B2 80 67 30 72 05 B2 80 6E 60 0C 80 00 00 00 FF 67 2E 60 32 48 78 00 BB 4E B9 00 FF 93 12 58 8F 60
4A 4E BA F9 3A 60 44 4E BA F9 F4 60 3E 4E BA FC 14 60 38 4E BA FC 96 4E B9 00 FF 8A 16 60 2C 4E
BA FE 02 60 26 10 39 00 FF A8 08 10 00 02 80 00 00 00 FF 42 A7 42 A7 2F 00 48 78 00 3D 4E B9 00 FF
91 30 50 8F 50 8F 60 02 4E 71 60 42 10 39 00 FF A8 08 10 00 02 80 00 00 00 FF 20 40 10 39 00 FF A8
07 42 81 12 00 10 39 00 FF A8 06 10 00 02 80 00 00 00 FF 2F 08 2F 01 2F 00 48 78 00 AA 4E B9 00 FF
91 30 50 8F 50 8F 4E 71 60 02 4E 71 4E 75 51 8F 59 8F 42 B9 00 FF B4 80 42 B9 00 FF B4 84 42 B9 00
FF B4 88 42 B9 00 FF B4 8C 42 AF 00 04 60 5C 4E B9 00 FF 8B E0 20 2F 00 04 72 18 E3 A8 2F 40 00 08
1F 7C 00 08 00 03 60 2A 20 2F 00 08 4A 80 6C 14 20 2F 00 08 D0 80 22 00 0A 81 04 C1 1D B7 2F 41
00 08 60 0A 20 2F 00 08 D0 80 2F 40 00 08 53 2F 00 03 4A 2F 00 03 66 D0 20 2F 00 04 21 AF 00 08 0D
B0 00 FF B0 80 52 AF 00 04 0C AF 00 00 00 FF 00 04 6F 9A 50 8F 58 8F 4E 75 42 B9 00 FF B4 80 42 B9
00 FF B4 84 42 B9 00 FF B4 88 42 B9 00 FF B4 8C 4E 75 51 8F 59 8F 2F 02 42 AF 00 0C 42 AF 00 08 60
52 20 2F 00 18 72 00 46 01 C0 81 4A 80 66 06 4E B9 00 FF 8B E0 20 2F 00 08 D0 AF 00 14 20 40 12 10
20 2F 00 0C 74 18 E4 A8 10 00 14 01 B1 02 1F 42 00 07 42 80 10 2F 00 07 22 30 0D B0 00 FF B0 80 20
2F 00 0C E1 88 24 01 B1 82 2F 42 00 0C 52 AF 00 08 20 6F 00 08 B1 EF 00 18 6D A4 20 2F 00 0C 24 1F
50 8F 58 8F 4E 75 20 39 00 FF B4 80 B0 AF 00 04 67 04 42 80 60 12 20 39 00 FF B4 84 B0 AF 00 08 67
04 42 80 60 02 70 01 4E 75 2F 2F 00 08 2F 2F 00 08 4E BA FF D2 50 8F 4A 80 66 04 42 80 60 12 20 39
00 FF B4 88 B0 AF 00 08 66 04 70 01 60 02 42 80 4E 75 23 EF 00 04 00 FF B4 80 23 EF 00 08 00 FF B4
84 42 B9 00 FF B4 88 42 B9 00 FF B4 8C 4E 75 20 39 00 FF B4 8C 4E 75 51 8F 59 8F 2F 02 20 39 00 FF
B4 84 4A 80 66 04 60 00 00 AA 2F 79 00 FF B4 84 00 0C 2F 7C 00 00 04 00 00 08 20 39 00 FF B4 88 D0
AF 00 08 B0 AF 00 0C 6C 12 20 39 00 FF B4 88 22 00 D2 AF 00 08 2F 41 00 0C 60 6A 60 68 20 39 00 FF
B4 88 74 00 46 02 C0 82 4A 80 66 06 4E B9 00 FF 8B E0 22 39 00 FF B4 80 20 39 00 FF B4 88 D0 81 20
40 12 10 20 39 00 FF B4 8C 74 18 E4 A8 10 00 14 01 B1 02 1F 42 00 07 42 80 10 2F 00 07 22 30 0D B0
00 FF B0 80 20 39 00 FF B4 8C E1 88 B3 80 23 C0 00 FF B4 8C 20 39 00 FF B4 88 52 80 23 C0 00 FF B4
88 20 39 00 FF B4 88 B0 AF 00 0C 6D 8C 24 1F 50 8F 58 8F 4E 75 20 3C 00 FF FA 27 20 40 10 BC 00 55
20 3C 00 FF FA 27 20 40 10 BC FF AA 22 3C 00 FF D0 06 20 3C 00 FF D0 06 20 40 10 10 02 00 00 7F 20
41 10 80 22 3C 00 FF D0 06 20 3C 00 FF D0 06 20 40 10 10 00 00 FF 80 20 41 10 80 4E 75 4E 71 4E 71
4E 71 4E 71 4E 75 51 8F 42 AF 00 04 60 26 42 97 60 12 4E 71 4E 71 4E 71 4E 71 4E 71 4E 71 4E 71 4E
71 52 97 20 17 B0 AF 00 10 6D E6 4E BA FF 84 52 AF 00 04 20 2F 00 04 B0 AF 00 0C 6D D0 50 8F 4E

75 48 78 00 05 48 78 27 10 4E BA FF BA 50 8F 4E 75 48 78 00 32 48 78 00 01 4E BA FF AA 50 8F 4E 75
20 2F 00 04 48 78 00 FA 2F 00 4E BA FF 98 50 8F 4E 75 59 8F 42 97 60 0E 20 17 06 80 00 FF A8 04 20
40 42 10 52 97 0C 97 00 00 08 13 6F EA 58 8F 4E 75 59 8F 42 97 60 0E 20 17 06 80 00 FF B0 18 20 40
42 10 52 97 70 63 B0 97 6C EC 58 8F 4E 75 51 8F 20 2F 00 0C 1E 80 20 3C 00 FF F6 0E 20 40 10 10 12
00 02 01 00 03 1F 41 00 07 42 2F 00 06 60 3A 10 2F 00 06 12 00 52 01 1F 41 00 06 42 AF 00 02 60 08
4E BA FF 14 52 AF 00 02 70 31 B0 AF 00 02 6C F0 4E BA FE BA 20 3C 00 FF F6 0E 20 40 10 10 12 00 02
01 00 03 1F 41 00 07 0C 2F 00 02 00 07 67 08 0C 2F 00 03 00 07 66 08 0C 2F FF F9 00 06 63 AE 20 3C
00 FF F6 0D 20 40 10 97 50 8F 4E 75 4F EF FF E8 20 2F 00 20 3F 40 00 02 4E BA FE 70 70 01 C0 AF 00
24 4A 80 67 0C 20 3C 00 FF F6 0C 20 40 10 BC 00 14 70 04 C0 AF 00 24 4A 80 67 08 30 2F 00 02 53 40
60 04 30 2F 00 02 3F 40 00 08 42 AF 00 04 4E BA 04 78 3F 40 00 14 42 6F 00 12 60 42 42 80 30 2F 00
12 D0 AF 00 1C 20 40 10 10 10 00 02 40 00 FF D1 6F 00 14 42 80 30 2F 00 12 D0 AF 00 1C 20 40 10 10
10 00 02 80 00 00 00 FF 2F 00 4E BA FE FA 58 8F 30 2F 00 12 32 00 52 41 3F 41 00 12 30 2F 00 08 B0
6F 00 12 62 B4 70 08 C0 AF 00 24 4A 80 67 58 42 80 30 2F 00 12 D0 AF 00 1C 20 40 10 10 10 00 02 40
00 FF D1 6F 00 14 42 80 30 2F 00 12 D0 AF 00 1C 20 40 10 10 10 00 02 80 00 00 00 FF 2F 00 4E BA FE
A4 58 8F 30 2F 00 14 E0 48 10 00 10 00 02 80 00 00 00 FF 2F 00 4E BA FE 8C 58 8F 30 2F 00 14 1F 40
00 16 60 10 42 80 30 2F 00 12 D0 AF 00 1C 20 40 1F 50 00 16 70 04 C0 AF 00 24 4A 80 67 00 00 98 20
3C 00 FF F6 0C 20 40 10 BC 00 0C 20 3C 00 FF F6 0D 20 40 10 AF 00 16 4E BA FD 92 20 3C 00 FF F6 0C
20 40 10 BC 00 03 20 3C 00 FF F6 0D 20 40 42 10 20 3C 00 FF F6 0E 20 40 10 10 12 00 02 01 00 03 1F
41 00 17 42 AF 00 0E 60 36 52 AF 00 0E 42 AF 00 0A 60 0C 4E BA FD 0A 4E BA FD 50 52 AF 00 0A 70
63 B0 AF 00 0A 6C EC 4E BA FC F6 20 3C 00 FF F6 0E 20 40 10 10 12 00 02 01 00 03 1F 41 00 17 4A 2F
00 17 67 0A 0C AF 00 00 01 F3 00 0E 6F BA 4E BA FD 90 4F EF 00 18 4E 75 4F EF FF EC 4E BA FC C0 42
AF 00 10 2F 7C 00 00 03 E8 00 04 20 2F 00 10 90 AF 00 04 22 00 52 81 2F 41 00 0C 42 AF 00 08 4E BA
FC 9C 52 AF 00 10 4A AF 00 08 66 14 20 2F 00 0C D0 AF 00 04 B0 AF 00 10 6C 06 42 80 60 00 01 04
0C AF 00 00 10 10 00 08 66 12 20 2F 00 1C 20 40 10 BC FF EE 20 2F 00 08 60 00 00 E8 20 3C 00 FF F6
0E 20 40 10 10 EA 08 1F 40 00 03 42 80 10 2F 00 03 72 07 B2 80 65 00 00 C2 30 3B 0A 06 4E FB 00 02
00 10 00 1E 00 1E 00 A8 00 1E 00 44 00 44 00 44 48 78 00 01 4E BA FC D4 58 8F 60 00 00 9C 2F 6F 00
10 00 0C 20 2F 00 08 22 00 52 81 2F 41 00 08 22 3C 00 FF F6 0F 20 41 12 10 11 81 09 B0 00 FF A8 04
60 74 2F 6F 00 10 00 0C 20 3C 00 FF F6 0F 20 40 12 10 20 2F 00 18 20 40 7D D8

[10:54:52:757] RX: 6D F0 10 76 00 73

[10:54:52:757] Found response, succeeded.

[10:54:52:757] Kernel upload 74% complete.

[10:54:52:777] Sending block with offset 0x000000, start address 0xFF8000, length 0x0800.

[10:54:52:777] TX: 6D 10 F0 36 80 08 00 FF 80 00 4F EF FF E8 00 7C 07 00 4E B9 00 FF 8B E0 20 3C 00
FF F6 06 20 40 42 10 4E B9 00 FF 89 88 20 3C 00 FF F6 0C 20 40 10 BC 00 03 20 3C 00 FF F6 0D 20 40
42 10 4E B9 00 FF 8C A2 4E B9 00 FF 8C 2A 48 78 00 04 48 78 00 03 48 78 00 02 48 78 00 01 4E B9 00
FF 91 30 50 8F 50 8F 4E B9 00 FF 8C 70 42 AF 00 14 2F 7C 00 00 09 C4 00 0C 20 2F 00 14 90 AF 00 0C
22 00 52 81 2F 41 00 08 20 2F 00 14 90 AF 00 0C 2F 40 00 10 52 AF 00 14 4E B9 00 FF 8B E0 4E B9 00
FF 8B 1C 50 EF 00 03 50 EF 00 02 20 0F 54 80 2F 00 20 0F 5E 80 2F 00 4E B9 00 FF 8F 1A 50 8F 2F 40
00 04 4A AF 00 04 66 36 20 2F 00 10 D0 AF 00 0C B0 AF 00 14 64 24 48 78 00 77 48 78 00 66 48 78 00
73 48 78 00 6E 4E B9 00 FF 91 30 50 8F 50 8F 2F 6F 00 14 00 10 60 00 00 8A 60 00 00 86 10 2F 00 03
49 C0 72 30 C0 81 4A 80 67 02 60 74 10 2F 00 02 0C 00 00 01 67 32 10 2F 00 02 42 81 12 00 10 2F 00
02 10 00 02 80 00 00 00 FF 2F 01 2F 00 48 78 00 BB 48 78 00 BB 4E B9 00 FF 91 30 50 8F 50 8F 4E B9
00 FF 8C 70 60 38 2F 6F 00 14 00 08 2F 6F 00 14 00 10 10 39 00 FF A8 07 0C 00 00 20 66 1A 4E B9 00
FF 8C 70 20 2F 00 14 00 80 CC 00 00 00 2F 00 4E B9 00 FF 90 AA 58 8F 4E B9 00 FF 87 E8 60 00 FF 0E
51 8F 2F 02 22 6F 00 10 20 6F 00 14 22 2F 00 18 20 2F 00 1C 34 09 1F 42 00 0A 34 08 1F 42 00 08 1F
41 00 06 1F 40 00 04 13 FC 00 6C 00 FF A8 04 13 FC FF F0 00 FF A8 05 13 FC 00 10 00 FF A8 06 4A 2F
00 0A 67 22 13 FC 00 7D 00 FF A8 07 13 EF 00 08 00 FF A8 08 13 EF 00 06 00 FF A8 09 13 EF 00 04 00
FF A8 0A 60 28 13 FC 00 7F 00 FF A8 07 13 FC 00 3D 00 FF A8 08 13 EF 00 08 00 FF A8 09 13 EF 00 06
00 FF A8 0A 13 EF 00 04 00 FF A8 0B 4A 2F 00 0A 67 04 70 07 60 02 70 08 48 78 00 05 2F 00 48 79 00
FF A8 04 4E B9 00 FF 8D 62 50 8F 58 8F 24 1F 50 8F 4E 75 4E B9 00 FF 8B E0 4E B9 00 FF 9A 04 23 C0
00 FF A8 00 20 39 00 FF A8 00 42 40 48 40 0C 80 00 00 00 89 67 0C 4E B9 00 FF 9C 70 23 C0 00 FF A8

00 48 78 00 01 4E B9 00 FF 8C 90 58 8F 13 FC 00 6C 00 FF A8 04 13 FC FF F0 00 FF A8 05 13 FC 00 10
00 FF A8 06 13 FC 00 7D 00 FF A8 07 13 FC 00 01 00 FF A8 08 20 39 00 FF A8 00 72 18 E2 A8 10 00 13
C0 00 FF A8 09 20 39 00 FF A8 00 42 40 48 40 10 00 13 C0 00 FF A8 0A 20 39 00 FF A8 00 E0 88 10 00
13 C0 00 FF A8 0B 20 39 00 FF A8 00 10 00 13 C0 00 FF A8 0C 48 78 00 05 48 78 00 09 48 79 00 FF A8
04 4E B9 00 FF 8D 62 50 8F 58 8F 4E 75 4F EF FF E8 10 39 00 FF A8 09 10 00 02 80 00 00 00 FF 2F 40
00 12 20 2F 00 12 E1 88 2F 40 00 12 10 39 00 FF A8 0A 10 00 02 80 00 00 00 FF 81 AF 00 12 20 2F 00
12 E1 88 2F 40 00 12 10 39 00 FF A8 0B 10 00 02 80 00 00 00 FF 81 AF 00 12 10 39 00 FF A8 0C 10 00
02 80 00 00 00 FF 2F 40 00 0E 20 2F 00 0E E1 88 2F 40 00 0E 10 39 00 FF A8 0D 10 00 02 80 00 00 00
FF 81 AF 00 0E 20 2F 00 0E E1 88 2F 40 00 0E 10 39 00 FF A8 0E 10 00 02 80 00 00 00 FF 81 AF 00 0E
2F 6F 00 0E 00 0A 2F 6F 00 12 00 06 2F 2F 00 06 2F 2F 00 0E 4E B9 00 FF 8A A8 50 8F 4A 80 66 18 1F
7C 00 01 00 17 2F 2F 00 06 2F 2F 00 0E 4E B9 00 FF 8A F6 50 8F 60 06 1F 7C 00 02 00 17 4E B9 00 FF
8C 80 2F 2F 00 06 2F 2F 00 0E 4E B9 00 FF 8A CC 50 8F 4A 80 67 00 00 E8 4E B9 00 FF 8B 14 2F 40 00
02 13 FC 00 6C 00 FF A8 04 13 FC FF F0 00 FF A8 05 13 FC 00 10 00 FF A8 06 13 FC 00 7D 00 FF A8 07
13 FC 00 02 00 FF A8 08 20 39 00 FF B4 84 48 40 48 C0 10 00 13 C0 00 FF A8 09 20 39 00 FF B4 84 E0
80 10 00 13 C0 00 FF A8 0A 20 39 00 FF B4 84 10 00 13 C0 00 FF A8 0B 20 39 00 FF B4 80 42 40 48 40
10 00 13 C0 00 FF A8 0C 20 39 00 FF B4 80 E0 88 10 00 13 C0 00 FF A8 0D 20 39 00 FF B4 80 10 00 13
C0 00 FF A8 0E 20 2F 00 02 72 18 E2 A8 10 00 13 C0 00 FF A8 0F 20 2F 00 02 42 40 48 40 10 00 13 C0
00 FF A8 10 20 2F 00 02 E0 88 10 00 13 C0 00 FF A8 11 20 2F 00 02 10 00 13 C0 00 FF A8 12 48 78 00
05 48 78 00 0F 48 79 00 FF A8 04 4E B9 00 FF 8D 62 50 8F 58 8F 60 48 13 FC 00 6C 00 FF A8 04 13 FC
FF F0 00 FF A8 05 13 FC 00 10 00 FF A8 06 13 FC 00 7D 00 FF A8 07 50 F9 00 FF A8 08 10 2F 00 17 13
C0 00 FF A8 09 48 78 00 05 48 78 00 06 48 79 00 FF A8 04 4E B9 00 FF 8D 62 50 8F 58 8F 4F EF 00 18
4E 75 59 8F 4E B9 00 FF 8C 80 2E BC 00 00 05 04 13 FC 00 6C 00 FF A8 04 13 FC FF F0 00 FF A8 05 13
FC 00 10 00 FF A8 06 13 FC 00 7D 00 FF A8 07 13 FC 00 03 00 FF A8 08 20 17 20 40 10 10 13 C0 00 FF
A8 09 20 17 20 40 10 28 00 01 13 C0 00 FF A8 0A 20 17 20 40 10 28 00 02 13 C0 00 FF A8 0B 20 17 20
40 10 28 00 03 13 C0 00 FF A8 0C 48 78 00 05 48 78 00 09 48 79 00 FF A8 04 4E B9 00 FF 8D 62 50 8F
58 8F 58 8F 4E 75 51 8F 10 39 00 FF A8 09 10 00 02 80 00 00 00 FF 2F 40 00 02 20 2F 00 02 E1 88 2F
40 00 02 10 39 00 FF A8 0A 10 00 02 80 00 00 00 FF 81 AF 00 02 20 2F 00 02 E1 88 2F 40 00 02 10 39
00 FF A8 0B 10 00 02 80 00 00 00 FF 81 AF 00 02 20 39 00 FF A8 00 42 40 48 40 72 01 B2 80 66 54 20
2F 00 02 0C 80 00 00 60 00 67 46 0C 80 00 00 60 00 62 0A 0C 80 00 00 40 00 67 36 60 10 0C 80 00 00
80 00 67 2C 0C 80 00 01 00 00 67 24 48 78 00 02 4E B9 00 FF 8C 90 58 8F 48 78 00 FF 48 78 00 FF 48
78 00 05 42 A7 4E BA FB 34 50 8F 50 8F 60 76 4E 71 42 2F 00 07 20 39 00 FF A8 00 0C 80 00 89 44 71
67 12 0C 80 00 89 88 9D 67 0A 0C 80 00 01 22 58 67 14 60 24 2F 2F 00 02 4E B9 00 FF 9A 52 58 8F 1F
40 00 07 60 18 2F 2F 00 02 4E B9 00 FF 9D 04 58 8F 1F 40 00 07 60 06 50 EF 00 07 60 26 48 78 00 02
4E B9 00 FF 8C 90 58 8F 42 80 10 2F 00 07 42 A7 2F 00 48 78 00 05 48 78 00 01 4E BA FA BC 50 8F 50
8F 50 8F 4E 75 13 FC 00 6C 00 FF A8 04 13 FC FF F0 00 FF A8 05 13 FC 00 10 00 FF A8 06 13 FC 00 7F
00 FF A8 07 13 FC 00 3D 00 FF A8 08 13 FC 00 06 00 FF A8 09 42 39 00 FF A8 0A 48 78 00 05 48 78 00
07 48 79 00 FF A8 04 4E B9 00 FF 8D 62 50 8F 58 8F 4E 75 59 8F 2E BC 12 34 56 78 13 FC 00 6C 00 FF
A8 04 13 FC FF F0 00 FF A8 05 13 FC 00 10 00 FF A8 06 13 FC 00 7D 00 FF A8 07 50 F9 00 FF A8 08 20
17 72 18 E2 A8 10 00 13 C0 00 FF A8 09 20 17 42 40 48 40 10 00 13 C0 00 FF A8 0A 20 17 E0 88 10 00
13 C0 00 FF A8 0B 20 17 10 00 13 C0 00 FF A8 0C 48 78 00 05 48 78 00 09 48 79 00 FF A8 04 4E B9 00
FF 8D 62 50 8F 58 8F 58 8F 4E 75 20 39 00 FF A8 00 0C 80 00 01 22 58 67 24 0C 80 00 89 44 71 66 38
2F 2F 00 10 2F 2F 00 10 2F 2F 00 10 2F 2F 00 10 4E B9 00 FF 9B 14 50 8F 50 8F 60 1E 2F 2F 00 10 2F
2F 00 10 2F 2F 00 10 2F 2F 00 10 4E B9 00 FF 9E 36 50 8F 50 8F 60 02 70 EE 4E 75 10 39 00 FF A8 05
0C 00 00 10 67 10 10 39 00 FF A8 05 0C 00 FF FE 67 04 8F E4

[10:54:53:237] RX: 6D F0 10 76 00 73

[10:54:53:237] Found response, succeeded.

[10:54:53:237] Kernel upload 100% complete.

[10:54:53:257] TX: 6C 10 F0 3D 00

[10:54:55:263] ReadMsgs OBDError: ERR_BUFFER_EMPTY

[10:54:55:518] TX: 6C 10 F0 3D 00

[10:54:55:543] RX: 6C F0 10 7D 00 01 02 00 BB

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[10:54:55:543] Kernel Version: 010200BB
[10:54:55:558] Kernel uploaded to PCM succesfully.
[10:54:55:573] Sending 'test device present' notification.
[10:54:55:578] TX: 8C FE F0 3F
[10:54:55:583] TX: 6C 10 F0 3D 01
[10:54:55:608] RX: 6C F0 10 7D 01 00 89 44 71
[10:54:55:608] Flash memory ID code: 00894471
[10:54:55:618] Flash memory manufactuer: Intel
[10:54:55:628] Flash memory type: 28F400B5-B 512Kb
[10:54:55:643] Calculating CRCs from file...
[10:54:55:658] Requesting CRCs from PCM...
[10:54:55:668] TX: 6C 10 F0 3D 02 00 00 00 00 00 00
[10:54:55:733] RX: 6C F0 10 7D 02 00 00 00 00 00 00 00 00 00
[10:54:55:733] Range      File CRC      PCM CRC      Verdict Purpose
[10:54:55:753] 060000-07FFFF not needed    not needed    n/a      OperatingSystem
[10:54:55:773] 040000-05FFFF not needed    not needed    n/a      OperatingSystem
[10:54:55:783] 020000-03FFFF not needed    not needed    n/a      OperatingSystem
[10:54:55:798] TX: 6C 10 F0 3D 02 01 80 00 00 80 00
[10:54:55:813] RX: 6C F0 10 7D FF 01
[10:54:57:313] TX: 6C 10 F0 3D 02 01 80 00 00 80 00
[10:54:57:333] RX: 6C F0 10 7D FF 02
[10:54:58:837] Sending 'test device present' notification.
[10:54:58:837] TX: 8C FE F0 3F
[10:54:58:842] TX: 6C 10 F0 3D 02 01 80 00 00 80 00
[10:54:58:902] RX: 6C F0 10 7D 02 01 80 00 00 80 00 D2 D1 00 7A
[10:54:58:902] 008000-01FFFF 23C40AF9      D2D1007A      Different      Calibration
[10:54:58:922] 006000-007FFF not needed    not needed    n/a      Parameter
[10:54:58:932] 004000-005FFF not needed    not needed    n/a      Parameter
[10:54:58:947] 000000-003FFF not needed    not needed    n/a      Boot
[10:54:58:957] Processing range 008000-01FFFF
[10:54:58:967] Erasing
[10:54:58:977] TX: 6C 10 F0 3D 05 00 80 00
[10:54:59:142] RX:
[10:54:59:142] Received an unexpected response. Attempt #1, status Truncated.
[10:55:01:148] ReadMsgs OBDError: ERR_BUFFER_EMPTY
[10:55:01:148] Sending 'test device present' notification.
[10:55:01:148] TX: 8C FE F0 3F
[10:55:03:154] ReadMsgs OBDError: ERR_BUFFER_EMPTY
[10:55:03:154] Sending 'test device present' notification.
[10:55:03:154] TX: 8C FE F0 3F
[10:55:05:160] ReadMsgs OBDError: ERR_BUFFER_EMPTY
[10:55:05:160] Sending 'test device present' notification.
[10:55:05:160] TX: 8C FE F0 3F
[10:55:07:170] ReadMsgs OBDError: ERR_BUFFER_EMPTY
[10:55:07:170] Sending 'test device present' notification.
[10:55:07:170] TX: 8C FE F0 3F
[10:55:09:176] ReadMsgs OBDError: ERR_BUFFER_EMPTY
[10:55:09:176] Receive timed out. Attempt #6, Timeout #5.
[10:55:09:176] TX: 6C 10 F0 3D 05 00 80 00
[10:55:09:221] RX: 6C F0 10 7F 3D 05 00 80 00 11
[10:55:09:221] Received an unexpected response. Attempt #1, status Refused.

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[10:55:11:227] ReadMsgs OBDError: ERR_BUFFER_EMPTY
[10:55:11:227] Sending 'test device present' notification.
[10:55:11:227] TX: 8C FE F0 3F
[10:55:13:233] ReadMsgs OBDError: ERR_BUFFER_EMPTY
[10:55:13:233] Sending 'test device present' notification.
[10:55:13:233] TX: 8C FE F0 3F
[10:55:15:243] ReadMsgs OBDError: ERR_BUFFER_EMPTY
[10:55:15:243] Sending 'test device present' notification.
[10:55:15:243] TX: 8C FE F0 3F
[10:55:17:249] ReadMsgs OBDError: ERR_BUFFER_EMPTY
[10:55:17:249] Sending 'test device present' notification.
[10:55:17:249] TX: 8C FE F0 3F
[10:55:19:255] ReadMsgs OBDError: ERR_BUFFER_EMPTY
[10:55:19:255] Receive timed out. Attempt #6, Timeout #5.
[10:55:19:255] Unable to erase flash memory: Error
[10:55:19:270] Select the debug tab, click anywhere in the text,
[10:55:19:285] press Ctrl+A to select the text, and Ctrl+C to
[10:55:19:295] copy the text. Press Ctrl+V to paste that content
[10:55:19:300] content into your forum post.
[10:55:19:310] Elapsed time 00:00:32.2147214