| | | | | | | | | | | Possible Controler |
|---|---|---|---|---|---|---|---|---|---|---|
| msgID | Time Between Msgs | Byte | Bits | | | | Description (unofficial) | Byte Scale/Sign | Discussion | Signal name |
| 002 | 10ms | 0 | 7 | : | 0 | | Steering Angle LSB:MSB | | | Steering angle sensor signal. Goes to AV unit, Brake, and ABS modules |
| | | 1 | 7 | : | 0 | | Left is negative<br>Degrees = value/10 (3600 = 360.0deg) | | | |
| | | 2 | 7 | : | 0 | | Rate of steering angle change, unsigned | | | |
| | | 3 | 7 | : | 0 | | | | 07 | |
| | | 4 | 7 | : | 0 | | | | Very active (00-ff) | |
| | | | | | | | | | | |
| 02a | 100ms | 0 | 7 | : | 0 | | | | | |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | | | | | | All zeros? | | | |
| 130 | 10ms | 0 | 7 | : | 0 | | | | | ABS Module |
| | | | 7 | : | 6 | | | | | |
| | | | 5 | : | 5 | | | | 1 = Traction control off??? | |
| | | 1 | 4 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | | | | | | | | TCS operation signal | |
| 174 | 10ms | 0 | 7 | : | 0 | | | | 00 | Probably VCM Relay from eshift on EV CAN |
| | | 1 | 7 | : | 0 | | | | 00 | |
| | | 2 | 7 | : | 0 | | | | 00 | |
| | | 3 | 7 | : | 0 | | | | AA:Park/Neutral BB:Drive 99:Reverse | |
| | | 4 | 7 | : | 0 | | | | 00...0F | |
| | | 5 | 7 | : | 0 | | | | 00 | |
| | | 6 | 7 | : | 0 | | | | 00 | |
| | | 7 | 7 | : | 0 | | | | 00 | |
| | | | | | | | | | | |
| 176 | 10ms | 0 | 7 | : | 0 | | speed | | scalar of 0.0725 seems to translate roughly to mph; absolute (always positive) | Might be VCM relay of Inverter message of motor RPM? |
| | | 1 | 7 | : | 0 | | | | might be motor volts instead of speed | |
| | | 2 | 7 | : | 0 | | | | scalar of .0091 seems to translate roughly to mph; always positive | |
| | | 3 | 7 | : | 0 | | speed | | might be motor volts instead of speed | |
| | | 4 | 7 | : | 0 | | | | 00 | |
| | | 5 | 7 | : | 0 | | | | 00 | |
| | | 6 | 7 | : | 0 | | | | 00...0F | |
| | | | | | | | | | Might be motor RPM | |

| | | | | | | | | | | Possible Controler |
|---|---|---|---|---|---|---|---|---|---|---|
| msgID | Time Between Msgs | Byte | Bits | | | | Description (unofficial) | Byte Scale/Sign | Discussion | Signal name |
| 180 | 10ms | 0 | 7 | : | 0 | | | | 00 | VCM |
| | | 1 | 7 | : | 0 | | | | 00 | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | Motor Amps | | 2's compliment; Tracks power when multiplied with 176.23 and divided by ~30 or 176.01 divided by ~3.6 | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | Motor Amps? | | Very similar to 180:D2,D3 expect is clipped and decays to zero during regen | |
| | | 6 | 7 | : | 0 | | throttle position | | | |
| | | 7 | 7 | : | 0 | | | | | |
| | | | | | | | | | 174,176, and 180 are sent together (one after another) | |
| 1ca | 10ms | 0 | 7 | : | 0 | | Brake Pressure | | Not present on MY2013 | Brake Control Module |
| | | 1 | 7 | : | 0 | | Brake Pressure | | | |
| | | 2 | 7 | : | 0 | | Brake Pressure | | | |
| | | 3 | 7 | : | 0 | | Brake Pressure | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 2 | | Regen Braking | | | |
| | | | 1 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |
| | | | | | | | | | | |
| 1cb | 10ms | 0 | 7 | : | 0 | | Target Regen Braking | | Appears to be target regen before getting qualified by charge level, etc. | Brake Control Module |
| | | 1 | 7 | : | 5 | | | | | |
| | | | 4 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | Units track motor amps in m180.23 | |
| | | 3 | 7 | : | 5 | | Target Braking | | | |
| | | | 4 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | | | | | | | | 1CB then 1CA sent together. Target braking is from Brake control module. | |
| 1d5 | 10ms | 0 | 7 | : | 0 | | | | Units track motor amps in m180.23; Appears to be target regen qualified by other factors. | |
| | | 1 | 7 | : | 0 | | Applied Regen Braking | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | | | | | | | | | |

| | | | | | | | | | | Possible Controler |
|---|---|---|---|---|---|---|---|---|---|---|
| msgID | Time Between Msgs | Byte | Bits | | | | Description (unofficial) | Byte Scale/Sign | Discussion | Signal name |
| 1f9 | 10ms | 0 | 7 | : | 0 | | | | 00 | In 370Z, this has engine RPM. May just be a vestigial message from the VCM |
| | | 1 | 7 | : | 0 | | | | 00 | |
| | | 2 | 7 | : | 0 | | | | 00 | |
| | | 3 | 7 | : | 0 | | | | 00 | |
| | | 4 | 7 | : | 0 | | | | 00 | |
| | | 5 | 7 | : | 0 | | | | 00 | |
| | | 6 | 7 | : | 0 | | | | 00 | |
| | | 7 | 7 | : | 0 | | | | 00 | |
| 215 | 20ms | 0 | 7 | : | 0 | | | | FF | |
| | | 1 | 7 | : | 0 | | | | FF | |
| | | 2 | 7 | : | 0 | | | | FF | |
| | | 3 | 7 | : | 0 | | | | FF | |
| | | 4 | 7 | : | 0 | | | | FF | |
| | | 5 | 7 | : | 0 | | | | FF | |
| 216 | 20ms | 0 | 7 | : | 0 | | | | | Related to proximity key? I saw these messages on CAR can when there shouldn't be activity but I was walking near the car |
| | | 1 | 7 | : | 0 | | | | | |
| 245 | 20ms | 0 | 7 | : | 0 | | | | | |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | Just ramps and wraps | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |
| 260 | 20ms | 0 | 7 | : | 0 | | Available power | | 50-5A observed in normal driving, decays to 31 (51kW) around turtle | My guess is this goes to the cluster display since the regen bubbles are on here. Bytes 2-3 probably drives the inner "power" bubbles. |
| | | 1 | 7 | : | 0 | | Available regen | | Used to generate regen bubbles with hysteresis. Bubbles turn at @ 6,C,12,&18 and turn off at 0,6,C, & 12 respectively | |
| | | 2 | 7 | : | 0 | | | | accessory- It is probably the dash power display "inner" bubbles. Observe byte 2 at 0x19 and byte 3 at 00 when at idle. | |
| | | 3 | 7 | : | 0 | | Motor Amps | | | |

| | | | | | | | | | | Possible Controler |
|---|---|---|---|---|---|---|---|---|---|---|
| msgID | Time Between Msgs | Byte | Bits | | | | Description (unofficial) | Byte Scale/Sign | Discussion | Signal name |
| 280 | 20ms | 0 | 7 | : | 0 | | | | Some activity here even when car is off, might be related to other dash lights (like the red key light) | Might be cluster? or "eyebrow" |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | .0062 scalar seems to match mph | |
| | | 5 | 7 | : | 0 | | Motor Speed | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |
| | | | | | | | | | 370Z had seatbelt status as byte 0 bit 0. Need to verify. Could probably sync video of startup and CAN log to get the various lights and bytes used | |
| 284 | 20ms | 0 | 7 | : | 0 | | Front Right Wheel Speed | | .0118 scalar | |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | .0118 | |
| | | 3 | 7 | : | 0 | | Front Left Wheel Speed | | | |
| | | 4 | 7 | : | 0 | | | | .0245 | |
| | | 5 | 7 | : | 0 | | Vehicle Speed | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | Looking at "370Z" info, these match the same as the 'Z CAN bus. This is probably a common ABS module from Nissan |
| 285 | 20ms | 0 | 7 | : | 0 | | | | .0118 | |
| | | 1 | 7 | : | 0 | | Rear Right Wheel Speed | | | |
| | | 2 | 7 | : | 0 | | | | .0118 | |
| | | 3 | 7 | : | 0 | | Rear Left Wheel Speed | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | all zero | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |
| 292 | 20ms | 0 | 7 | : | 0 | | | | | This also looks similar to 370Z info |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | 12V battery Voltage as seen by the brake computer 0.1V/bit | | 7F= 12.7 Volts | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | measured to provide the same braking force as 5 regen motor amps (cc180.23) per tick | |
| | | 7 | 7 | : | 0 | | Friction brake pressure (all model years) | | | |

| | | | | | | | | | | Possible Controler |
|---|---|---|---|---|---|---|---|---|---|---|
| msgID | Time Between Msgs | Byte | Bits | | | | Description (unofficial) | Byte Scale/Sign | Discussion | Signal name |
| 2de | 10ms | 0 | 7 | : | 0 | | | | | |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | 03 | |
| | | 7 | 7 | : | 0 | | | | CA | |
| 300 | 20ms | 0 | 7 | : | 0 | | | | Steering force applied to wheel (from turbo2ltr's notes) | Steering Angle Sensor |
| 342 | | 0 | 7 | : | 0 | | | | Only saw once in a log about the time I left to go inside. Maybe related to the "key is leaving the car while on" chirp? | 370Z notes this is related to key fob info |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |
| 351 | 100ms | 0 | 7 | : | 0 | | | | | |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |
| 354 | 40ms | 0 | 7 | : | 0 | | Vehicle Speed | | | Comes from ABS unit, similar to 370Z |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | 0x40 when traction control is off | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |

| | | | | | | | | | | Possible Controler |
|---|---|---|---|---|---|---|---|---|---|---|
| msgID | Time Between Msgs | Byte | Bits | | | | Description (unofficial) | Byte Scale/Sign | Discussion | Signal name |
| 355 | 40ms | 0 | 7 | : | 0 | | Vehicle Speed | | | Instrument cluster to VCM |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | Vehicle Speed | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | Selected dash miles/eff units | | 0x00=km;0x20=mi | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | Dash odometer units | | 0x60=miles;0x40=km | |
| | | | | | | | On my 2012 this is a 7 byte message (2011 8 byte?) | | | |
| 358 | 100ms | 0 | 7 | : | 0 | | | | | Body Control Module |
| | | | 7 | : | 7 | | headlights (1=on) | | changes with manual control or auto | |
| | | 1 | 6 | : | 0 | | | | | |
| | | | 7 | : | 4 | | | | | |
| | | | 3 | : | 3 | | Right turn signal | | | |
| | | | 2 | : | 2 | | Left turn signal | | | |
| | | 2 | 1 | : | 0 | | | | | |
| | | 3 | 4 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |
| 35d | 100ms | 0 | 7 | : | 0 | | | | | Body Control Module |
| | | 1 | 7 | : | 0 | | | | | Possibly Similar to 370z, there's wiper data here |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |
| 385 | 100ms | 0 | 7 | : | 0 | | | | | |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | Tire Pressure 1 (X4) | | | |
| | | 3 | 7 | : | 0 | | Tire Pressure 2 (X4) | | | |
| | | 4 | 7 | : | 0 | | Tire Pressure 3 (X4) | | | |
| | | 5 | 7 | : | 0 | | Tire Pressure 4 (X4) | | | |
| | | 6 | 7 | : | 4 | | valid bits for D2:D5 | | | |
| | | 7 | 3 | : | 0 | | | | | Tire Pressure Monitoring System |

| | | | | | | | | | | Possible Controler |
|---|---|---|---|---|---|---|---|---|---|---|
| msgID | Time Between Msgs | Byte | Bits | | | | Description (unofficial) | Byte Scale/Sign | Discussion | Signal name |
| 421 | 60ms | 0 | 7 | : | 0 | | Controls PRNDL display on dash<br>0x18 = Neutral<br>0x08 = Park<br>0x20 = Drive<br>0x10 = Reverse<br>0x38 = ECO | | VSP sound follows | VCM relay from shifter on EV bus to Instrument panel and VSP |
| 509 | | 0 | 7 | : | 0 | | | | MY2013 only | |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 2 | | time:seconds (0-59) | | | |
| | | | 1 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |
| 50a | 100ms | 0 | 7 | : | 0 | | | | | VCM relay from A/C Auto Amp and AC Pressor Sensor (which is measured directly from VCM) Message is identical on EV CAN and CAR CAN |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | AC compressor pressure? | | rises with AC on; slow decay when off | |
| | | | 7 | : | 2 | | | | | |
| | | 4 | 1 | : | 1 | | Rear defrost on/off | | | |
| | | | 0 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | | | | | | | | AC compressor pressure goes directly into VCM, this value is only for Consult reference | |
| 50d | 100ms | 0 | 7 | : | 0 | | | | | |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |

| | | | | | | | | | | Possible Controler |
|---|---|---|---|---|---|---|---|---|---|---|
| msgID | Time Between Msgs | Byte | Bits | | | | Description (unofficial) | Byte Scale/Sign | Discussion | Signal name |
| 510 | 100ms | 0 | 7 | : | 0 | | Climate change alert | | 0 when no change, 1 when climate control/power changes | VCM relay from A/C Auto Amp, to eyebrow display and A/V unit |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 7 | | Climate control on | | Power must be non-zero to have effect | |
| | | | 6 | : | 1 | | Climate control power | | 0.25kW per lsb | |
| | | | 0 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | Appears to track outside ambient +56 (F) | | 0x92=90F;0x86=79F (90F & 79F read from dash), identical to EV CAN msg 54C byte 6 | |
| | | | | | | | | | | |
| 54a | 100ms | 0 | 7 | : | 0 | | | | | VCM relay from A/C Auto Amp to A/V unit for climate display |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | climate control temperature setpoint | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | Appears to track ambient (+41) | | 0x83=90F;0x79=79F (90F & 79F read from dash); also some low reads at poweron | |
| | | | | | | | | | | |
| 54b | 100ms | 0 | 7 | : | 0 | | Climate display turn on alert | | used to alert A/V unit that CC being toggled on or off by the user so the A/V can display the fan and CC settings on the display 00 no change, 01 change. | VCM relay from A/C Auto Amp to A/V unit for climate display |
| | | 1 | 7 | : | 0 | | Climate on or off status? | | 08 off, 78 on | |
| | | 2 | 7 | : | 0 | | Climate on or off status? | | 80 off, 88 on | |
| | | 3 | 7 | : | 0 | | | | 00,08,09,10,12 observed, mostly 09 while CC on | |
| | | 4 | 7 | : | 0 | | User requested fan speed | | | |
| | | 5 | 7 | : | 0 | | | | 00 | |
| | | 6 | 7 | : | 0 | | | | 00 | |
| | | 7 | 7 | : | 0 | | Fan Speed change alert | | used to alert A/V unit that fan speed is being changed by the user so the A/V can display the fan and CC settings on the display 00 no change, 01 change | |
| | | | | | | | | | Message ignored if climate control is off. | |

| | | | | | | | | | | Possible Controler |
|---|---|---|---|---|---|---|---|---|---|---|
| msgID | Time Between Msgs | Byte | Bits | | | | Description (unofficial) | Byte Scale/Sign | Discussion | Signal name |
| 551 | 100ms | 0 | 7 | : | 0 | | | | | In 370Z this has engine coolant and cruse control |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | 80 with CC on , 00 off | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |
| 55a | | 0 | 7 | : | 0 | | | | | Not seen in MY 2012??? |
| | | 1 | 7 | : | 0 | | Cabin Temperature (F)? | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | Raw Temperature? | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | Raw Temperature? | | | |
| 58A | | 0 | 4 | : | 4 | | Parking brake set | 0:No 1:Set | | Parking Brake Controller (2011-2012 only) |
| | | 0 | 1 | : | 1 | | Parking brake set request | 0:No 1:Req | | |
| | | 1 | 7 | : | 0 | | | | 00 | |
| | | 2 | 7 | : | 0 | | | | FD | |
| 5b3 | 500ms | 0 | 7 | : | 0 | | Looks like pack temperature at 0.25c/bit | | Probably used to drive temp bars on cluster | VCM Relay and processed data to Dash (cluster) Display |
| | | 1 | 7 | : | 0 | | SOH | | Confirmed to match State of Health value reported on DV-R test equipment | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 3 | AFB | Active Fuel Bars | | | |
| | | | 2 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | Possibly capacity bargraph when D0=FE; SOH otherwise | |

| | | | | | | | | | | Possible Controler |
|---|---|---|---|---|---|---|---|---|---|---|
| msgID | Time Between Msgs | Byte | Bits | | | | Description (unofficial) | Byte Scale/Sign | Discussion | Signal name |
| 5c0 | 500ms | 0 | 7 | : | 0 | | | | | VCM relay of LBC (BMS) from EV CAN |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | Ramps up during charge, negative during drive, resets after every start or charge | 2's comp | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |
| | | | | | | | This message appears to be active whenever EVCAN or CARCAN is active?? | | | |
| 5c5 | 100ms | 0 | 7 | : | 0 | | | | | Odo is handled by the cluster display and is transmitted to body control module, AV, and VCM |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | odometer | | | |
| | | 4 | 7 | : | 0 | | | | 00 | |
| | | 5 | 7 | : | 0 | | | | 0C | |
| | | 6 | 7 | : | 0 | | | | 00 | |
| | | 7 | 7 | : | 0 | | | | 00 | |
| 5e3 | 500ms | 0 | 7 | : | 0 | | | | | |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| 5e4 | 100ms | 0 | 7 | : | 0 | | | | | |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| 5eb | 500ms | 0 | 7 | : | 0 | | | | | Looks like it's active only when starting a drive. Might be various bit flags to turn on warning lights in the dash cluster |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |

| | | | | | | | | | | Possible Controler |
|---|---|---|---|---|---|---|---|---|---|---|
| msgID | Time Between Msgs | Byte | Bits | | | | Description (unofficial) | Byte Scale/Sign | Discussion | Signal name |
| 5f8 | | 0 | 7 | : | 0 | | | | | |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |
| 5f9 | | 0 | 7 | : | 0 | | | | | |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 6 | | | | | |
| | | | 5 | : | 0 | | time:minute (0-59) | | MY2013 only | |
| | | 5 | 7 | : | 3 | | time:hour (0-23) | | MY2013 only | |
| | | | 2 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |
| 5fa | 500ms | 0 | 7 | : | 0 | | | | MY2011,2012 only | |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | day of month (1-31) | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | month (1-12) | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |
| 5fb | 500ms | 0 | 7 | : | 0 | | | | MY2011,2012 only | |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |

| | | | | | | | | | | Possible Controler |
|---|---|---|---|---|---|---|---|---|---|---|
| msgID | Time Between Msgs | Byte | Bits | | | | Description (unofficial) | Byte Scale/Sign | Discussion | Signal name |
| 5fc | 500ms | 0 | 7 | : | 0 | | time:hour (0-23) | | MY2011,2012 only; tracks nav unit - GPS based? | NAV to VCM |
| | | 1 | 7 | : | 0 | | time:seconds (0-59) | | | |
| | | 2 | 7 | : | 0 | | time:minutes (0-59) | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |
| 603 | wk up | 0 | 7 | : | 0 | | 0 | | rare - doesn't show up in all logs | Noticing this shows up on CARcan right after 68c shows up on EVCan. Probably VCM relay from TCU. |
| | | 1 | 7 | : | 0 | | 0 | | | |
| | | 2 | 7 | : | 0 | | 0 | | | |
| | | 3 | 7 | : | 0 | | 0 | | | |
| | | 4 | 7 | : | 0 | | 0 | | | |
| | | 5 | 7 | : | 0 | | 0 | | | |
| | | 6 | 7 | : | 0 | | 0 | | | |
| | | 7 | 7 | : | 0 | | 0 | | | |
| 604 | | 0 | 7 | : | 0 | | | | | |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |

| | | | | | | | | | | Possible Controler |
|---|---|---|---|---|---|---|---|---|---|---|
| msgID | Time Between Msgs | Byte | Bits | | | | Description (unofficial) | Byte Scale/Sign | Discussion | Signal name |
| 60d | 100ms | | 7 | : | 7 | | 1 - trunk is opened | | | In the 370z there are lock, door, and headlight statuses |
| | | | 6 | : | 6 | | 1 - rear right door is opened | | | |
| | | | 5 | : | 5 | | 1 - rear left door is opened | | | |
| | | | 4 | : | 4 | | 1 - Driver door is opened, 0 - closed | | | |
| | | | 3 | : | 3 | | 1 - passenger's door is opened | | | |
| | | | 1 | : | 2 | | 3 - dim lights<br>2 - parking lights (first mode on the control) | | | |
| | | 0 | 0 | : | 0 | | | | | |
| | | | 7 | : | 7 | | 1 - high beam lights (together with 1-2 bits of the byte #0) | | | |
| | | | 6 | : | 6 | | 1 - right turn signal is active (not the control, but the actual light) | | | |
| | | | 5 | : | 5 | | 1 - left turn signal is active (not the control, but the actual light) | | | |
| | | | 4 | : | 4 | | | | | |
| | | | 3 | : | 3 | | | | | |
| | | | 2 | : | 1 | | State of the car:<br>0 - OFF,<br>1 - power button is pressed once without brakes.<br>2 - is sent during the startup sequence before 1 and 3 for 2 seconds<br>3 - either car is in Ready On mode or the power button is pressed the second time after the mode '1' | | | |
| | | 1 | 0 | : | 0 | | 1 - fog lights (together with 1-2 bits of the byte #0) | | | |
| | | 2 | 7 | : | 0 | | | | 06: Turn signal off 26: Right 46: Left | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |
| | | 6 | 7 | : | 0 | | | | | |
| | | 7 | 7 | : | 0 | | | | | |
| 625 | 100ms | 0 | 7 | : | 0 | | | | | In 370z there are climate related statuses here |
| | | 1 | 7 | : | 0 | | | | 00: Lights off 60: Headlights on 40: Parking Lights on<br>68:Headlights and fog lights | |
| | | 2 | 7 | : | 0 | | | | | |
| | | 3 | 7 | : | 0 | | | | | |
| | | 4 | 7 | : | 0 | | | | | |
| | | 5 | 7 | : | 0 | | | | | |

| | | | | | | | | | | Possible Controler |
|---|---|---|---|---|---|---|---|---|---|---|
| msgID | Time Between Msgs | Byte | Bits | | | | Description (unofficial) | Byte Scale/Sign | Discussion | Signal name |
| 682 | | 0 | 7 | : | 0 | | 0 | | rare - doesn't show up in all logs | In 370z this "Sleep wakeup" perhaps modules on the car can use this to wake up VCM |
| | | 1 | 7 | : | 0 | | 0 | | | |
| | | 2 | 7 | : | 0 | | 0 | | | |
| | | 3 | 7 | : | 0 | | 0 | | | |
| | | 4 | 7 | : | 0 | | 0 | | | |
| | | 5 | 7 | : | 0 | | 0 | | | |
| | | 6 | 7 | : | 0 | | 0 | | | |
| | | 7 | 7 | : | 0 | | | | | |
| 68c | wk up | 0 | 7 | : | 0 | | 0 | | rare - doesn't show up in all logs but shows up along with 603 | 68C on EVcan is TCU (Carwings) so it might be a relay from VCM or a log mixup |
| | | 1 | 7 | : | 0 | | 0 | | | |
| | | 2 | 7 | : | 0 | | 0 | | | |
| | | 3 | 7 | : | 0 | | 0 | | | |
| | | 4 | 7 | : | 0 | | 0 | | | |
| | | 5 | 7 | : | 0 | | 0 | | | |
| | | 6 | 7 | : | 0 | | 0 | | | |
| | | 7 | 7 | : | 0 | | 0 | | | |
| 6f6 | 100ms | 0 | 7 | : | 0 | | | | | |
| | | 1 | 7 | : | 0 | | | | | |
| | | 2 | 7 | : | 0 | | | | | |