Key position
- 101
  - 1: off
  - 2: on

Break pedal
- 208
  - D2-D3: pedal position, `60:00` is zero position, max seems to be around `61:bf`

Accelearator pedl
- 210

Break Pressed
- 231
  - 1: off
  - 2: on

  D4: `0x00` if brake is free, `0x02` if brake pedal is pressed

Steering wheel
- 236
  - steering in degress where 0=centered: (D1*256+D2-4096)/2
    D0-D1: Steering wheel position with 0.5 degree accuracy, center point (0.0 degrees) = D0:0x10, D1:0x00. (((D0 * 256) + D1) - 4096) / 2 = steering wheel position in degrees). Negative angle - right, positive angle left.
  - D2-D3: possibly represents rate of change, defaults to D2:0x10, D3:0x00 when steering wheel is at rest.
  - D4: counter, but only high-nibble bits (4-7) are used, `D4[0:3]=0`
  - D5: `0x00` (const?)
  - D6: `0x00` (const?)
  - D7: TODO

Handbreak
- 284
  - 6
    - 0x0c: in park
    - 0x0e: not in park

Shifer position
- 285
  - d[7] = 12: park / neutral
  - d[7] = 14 and d[8] = 16 : drive
  - d[7] = 14 and d[8] <>16 : reverse

Charger temp
- 286
  - temp? d[3]-40

Engine temp / rpm
- 298
  - temp: d[3]-40
  - rpm: (d[6]*256+d[7])-10000
  - M_RPM= D7 *256 + D8 - 10000

Estimated range
- 346
  - range: d7

Battery current / voltage
- 373
  - current: (d[2]*256+d[3]-32768)/100
  - voltage: (d[4]*256+d[5])/10
  - Pack Amps Out (#): (((D3 * 256) + D4) - 32768) * -0.01
  - Pack voltage: ((D5 * 256) + D6) * 0.1

Battery SOC
- 374
  - 1: SOC: (d[1]-10)/2

Charger volt / current
- 389
  - 1: Voltage
  - 6: Current: d[6]/10

Heating / cooling:
- 3A4

  byte 0, bits 0-3: heating level (7 is off, under 7 is cooling, over 7 is heating)
  byte 0, bit 7: AC on (ventilation dial pressed)
  byte 0, bit 5: MAX heating (heating dial pressed)
  byte 0, bit 6: air recirculation (ventilation direction dial pressed)

  byte 1, bits 0-3: ventilation level (if AUTO is chosen, the automatically calculated level is returned)
  byte 1, bits 4-7: ventilation direction (1-2 face, 3 legs+face, 4 -5legs, 6 legs+windshield 7-9 windshield)

Odometer
- 412
  - speed: Speed > 200 -> Speed = speed - 255
  - odo: ((((d[2]*256)+d[3])*256)+d[4])
  - odo?: ((((D3 * 256) + D4) * 256) + D5)

Windshield wipers / shifter
- 424
  - Windshield wipers 424 1 if bit5 = 1 then on else off
  - Rear window defrost 424 6 if bit5 = 1 then on else off
  - 2: D
  - 3: N
  - 4: P
  - 5: R

Battery Temp/voltage
- 6E1
  - 0: index (1-12)
  - 1: temp: d[1]-50
  - 2: temp: d[2]-50
  - 3: temp: d[3]-50
  - 5: voltage: (d[4]*256+d[5])/100
  - 7: voltage: (d[5]*256+d[6])/100
- 6E2
  - 0: index (1-12)
  - 1: temp: d[1]-50
  - 2: temp: d[2]-50
  - 3: temp: d[3]-50
  - 5: voltage: (d[4]*256+d[5])/100
  - 7: voltage: (d[5]*256+d[6])/100
- 6E3
  - 0: index (1-12)

- 1: temp: d[1]-50
- 2: temp: d[2]-50
- 3: temp: d[3]-50
- 5: voltage: (d[4]*256+d[5])/100
- 7: voltage: (d[5]*256+d[6])/100

- 6E4
  - 0: index (1-12)
  - 1: temp: d[1]-50
  - 2: temp: d[2]-50
  - 3: temp: d[3]-50
  - 5: voltage: (d[4]*256+d[5])/100
  - 7: voltage: (d[5]*256+d[6])/100

Motor Current

- 696
  - motor amps: (d[3]*256+d[4]-500)/20
  - Regeneration (negativ): (d[7]*256+d[8]-10000)/10

Chademo:

- 697
  - 1: Chademo inoperation
  - 2: Chademo percent
  - 3: Chademo amps

Battery Capacity:

- 762

// another data FROM caniOn

298

```
_m_rpm = 55536 + (256 * d[6] + d[7]);
_odo_dist = (float)(_odo_dist + Common.Abs(_m_rpm) / _dist_coef);
_trip_dist = (float)(_trip_dist + Common.Abs(_m_rpm) / _dist_coef);
_s_dist = (float)(_s_dist + Common.Abs(_m_rpm) / _dist_coef);
```

"29A",
"6FA",
"346",
"373",
"374",
"384",
"389",
"412",
"424",
"6E1",
"6E2",
"6E3",
"6E4",
“762"