

As far as i know 0x287 is the torque request from the PHEV ECU that contains the torque requests for all the motors. Bytes 1 and 2 when used together provide the torque requests for the front motor, bytes 3 and 4 for the rear motor and 5 and 6 generator, I dont know what bytes 7 and 8 do...

0x287 - 0x27 0x10 0x27 0x10 0x27 0x10 0x00 0x00 is requesting 0nm from all three.

0x287 - 0x28 0x0A 0x28 0x0A 0x27 0x10 0x00 0x00 is requesting 25nm from the front and rear motors and 0nm from the generator.

Formula is $nm = (((byte1 \times 256) + byte2) - 10,000) / 10$

288_FrTrq, Front Trq, 220288, $(A \times 256 + B - 10000) / 10$, -200, 200, Nm,
288_FrRPM, Front RPM, 220288, $C \times 256 + D - 20000$, -10000, 10000, RPM,
288_FrPwr, Front Power, 220288, $VAL\{288_FrTrq\} \times VAL\{288_FrRPM\} / 9548.8$, -70, 70, kW,
288_FrForce, Front Force, 220288, $VAL\{288_FrTrq\} \times 20.05$, -5000, 5000, N,
288_E, 288_E, 220288, E, 0, 255, ?,
288_F, 288_F, 220288, F, 0, 255, ?,
288_G, 288_G, 220288, G, 0, 255, ?,
288_H, 288_H, 220288, H, 0, 255, ?,

289_RrTrq, Rear Trq, 220289, $(A \times 256 + B - 10000) / 10$, -200, 200, Nm,
289_RrRPM, Rear RPM, 220289, $C \times 256 + D - 20000$, -10000, 10000, RPM,
289_RrPwr, Rear Power, 220289, $VAL\{289_RrTrq\} \times VAL\{289_RrRPM\} / 9548.8$, -70, 70, kW,
289_RrForce, Rear Force, 220289, $VAL\{289_RrTrq\} \times 27.42$, -5000, 5000, N,

28B_GenTrq, Gen Trq, 22028B, $(A \times 256 + B - 10000) / 10$, -200, 200, Nm,
28B_GenRPM, Gen RPM, 22028B, $C \times 256 + D - 20000$, -10000, 10000, RPM,
28B_GenPwr, Gen Power, 22028B, $VAL\{28B_GenTrq\} \times VAL\{28B_GenRPM\} / 9548.8$, -70, 70, kW,
28B_E, 28B_E, 22028B, E, 0, 255, ?,
28B_F, 28B_F, 22028B, F, 0, 255, ?,
28B_G, 28B_G, 22028B, G, 0, 255, ?,
28B_H, 28B_H, 22028B, H, 0, 255, ?,

732_RrCurr1, Rear Curr 1, 220732, $A \times 256 + B - 1000$, 0, 255, A,
732_RrCurr2, Rear Curr 2, 220732, $C \times 256 + D - 1000$, 0, 255, A,
732_RrDiff1, Rear Diff 1, 220732, E, 0, 255, %,
732_RrDiff2, Rear Diff 2, 220732, F, 0, 255, %,
732_G, 732_G, 220732, G, 0, 255, Cnt,
732_H, 732_H, 220732, H, 0, 255, Cnt,

734_GenCurr1, Generator Curr 1, 220734, $A \times 256 + B - 1000$, 0, 255, A,
734_GenCurr2, Generator Curr 2, 220734, $C \times 256 + D - 1000$, 0, 255, A,
734_GenDiff1, Generator Diff 1, 220734, E, 0, 255, %,
734_GenDiff2, Generator Diff 2, 220734, F, 0, 255, %,
734_G, 734_G, 220734, G, 0, 255, Cnt,
734_H, 734_H, 220734, H, 0, 255, Cnt,

75A_FrCurr1, Front Curr 1, 22075A, $A \times 256 + B - 1000$, 0, 255, Cnt,
75A_FrCurr2, Front Curr 2, 22075A, $C \times 256 + D - 1000$, 0, 255, Cnt,
75A_FrDiff1, Front Diff 1, 22075A, E, 0, 255, %,
75A_FrDiff2, Front Diff 2, 22075A, F, 0, 255, %,
75A_G, 75A_G, 22075A, G, 0, 255, Cnt,
75A_H, 75A_H, 22075A, H, 0, 255, Cnt,

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throttle pot
    //TPS = TPS * -1.0;
reverse
    TPS = ((TPS*10)+10000)/256;
    byte1 = floor(TPS);
    byte2 = floor((TPS - byte1)*256);
    msg.id = 0x287;
    msg.len = 8;
    msg.buf[0] = 0;
    msg.buf[1] = 0;
    msg.buf[2] = byte1;
    msg.buf[3] = byte2;
    msg.buf[4] = 0;
    msg.buf[5] = 0;
    msg.buf[6] = 0;
    msg.buf[7] = 0;
    can1.write(msg);

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//TPS is value read from

//Uncomment to spin in