

IMPORTANT NOTICE: Robert Bosch LLC and the manufacturers whose vehicles are accessible using the CDR System urge end users to use the latest production release of the Crash Data Retrieval system software when viewing, printing or exporting any retrieved data from within the CDR program. Using the latest version of the CDR software is the best way to ensure that retrieved data has been translated using the most current information provided by the manufacturers of the vehicles supported by this product.

CDR File Information

User Entered VIN	2FAFP71W07X137216
User	Kjohnson
Case Number	07-0457-3739
EDR Data Imaging Date	Monday, February 25 2008
Crash Date	Wednesday, July 11 2007
Filename	2FAFP71W07X137216_PCM.CDR
Saved on	Monday, February 25 2008 at 02:14:50 PM
Collected with CDR version	Crash Data Retrieval Tool 3.00
Reported with CDR version	Crash Data Retrieval Tool 3.5.1
EDR Device Type	powertrain control module
Restraint Deployment Signal Received	Yes

Comments

Direct PCM

Data Limitations

The retrieval of this data has been authorized by the vehicle's owner, or other legal authority such as a subpoena or search warrant, as indicated by the CDR tool user on Monday, February 25 2008 at 02:14:50 PM .

FORD POWERTRAIN CONTROL MODULE EVENT DATA INTERPRETATION GUIDE

1. This document is intended to assist you in reading the data that has been retrieved from a Powertrain Control Module ("PCM") contained in a Ford vehicle. This document is further intended to provide general guidelines and is not intended to provide information regarding the interpretation of a specific read-out.
2. The data points in the "PCM EDR Data" tables shown in this report occur every 0.2 seconds of time. It should be pointed out that "Relative Time (calc.)" in these tables is calculated based on the 0.2 second time interval and is displayed relative to the receipt of a Restraint Deployment Signal from the RCM. The "Relative Time (calc.)" Information is not data which is retrieved from the PCM but is calculated based on the above information.
3. In the event that one of the vehicle's restraint devices (e.g., the vehicle's airbag or pretensioner) have deployed as a result of a collision, the Restraint Control Module or RCM will send a Restraints Deployment Signal (RDS) to the PCM via the vehicle data bus or through a direct wired connection. If the PCM receives an RDS, it will lock the data. It should be pointed out that the RCM and Vehicle Data Bus both require power for tenths of a second after the collision in order to send a signal or flag to the PCM.
4. If no RDS flag has been received from the RCM and there is still power to the PCM, the PCM data will not lock and the circular buffer will continuously overwrite itself when the vehicle's ignition is in the run position. In this event, data contained in the PCM that was relevant to the collision may be lost. However, if power was lost as a result of the collision, or the ignition key was turned off shortly after the event, there may still be data relating to the collision in the PCM.
5. Finding the data relating to the moment of impact:
 - a.) With regard to the PCM EDR Data tables where a Restraint Deployment Signal is received, the data is displayed in ordered of the "Relative Time (calc.)" parameter beginning with the oldest recorded frame of data.

The moment of impact can be found by reviewing the data contained in the RDS column. Specifically, the data samples recorded with an RDS flag equal to "Received" in the PCM EDR Data tables signify points recorded after the PCM received the RDS signal from the RCM. If the PCM has received an RDS flag, the moment of impact is typically set at the RDS = "Not Received" in the PCM EDR Data tables reading that immediately precedes a reading of RDS = "Received". The last RDS = "Received" data point signifies the last data point recorded in the event.

- b.) With regard to the PCM EDR Data tables where a Restraint Deployment Signal is not received, the data is displayed in order of the "Buffer Address" parameter data beginning with the lowest address value. The PCM buffer is circular and the data point of first address listed in the PCM EDR Data tables does not necessarily signify the beginning of the PCM recording. The start and stop time of the PCM recording could be in the middle of the Table.

The moment of impact usually correlates with a discontinuity of the data listed in the table. If a single, significant discontinuity in the data is found, the data point immediately preceding the discontinuity is likely to be the last data point recorded. This point usually signifies impact time zero. If there is no single significant discontinuity, the data must be examined in detail to determine the largest discontinuity in the

largest number of data elements. If no single largest discontinuity can be determined, it may not be possible to determine the moment of impact.

6. The PCM Data Tables further show a column labeled as the "Key on Timer - 63.75 Max (sec)" or PUTMR. The PUTMR shows the length of time that the PCM was functioning for the most recent key cycle. The timer ascends to a maximum value of 63.75 seconds. If the data was not locked by an RDS flag and the ignition key was turned off and on again, the PCM will begin to write new data starting at the beginning of the data table. While it is not common, there are instances where the first portion of the data table has subsequent-key-on, post-crash data; while the latter portion of the data table has data from the key cycle in which the crash occurred. In other rare cases, an event has occurred in less than 25 seconds after key on and older data from prior key cycles has been left in the latter part of the buffer. Review the Key on Timer - 63.75 Max (sec) (PUTMR) data for discontinuities to determine if this has occurred.

7. Data displayed in the Key on Timer - 63.75 Max (sec) column has a resolution of 0.25 seconds and rounds actual data to the nearest 0.25 seconds. The data points occur every 0.2 seconds.

Actual time	Key on Timer display
0.0	0.0
0.2	0.25
0.4	0.50
0.6	0.50
0.8	0.75
1.0	1.00

8. Recorded Vehicle Speed is proportional to transmission output shaft speed and accuracy can be affected if the vehicle has had the tire size or inflation pressure or the final drive axle ratio changed from the factory build specifications.

PCM Data Source:

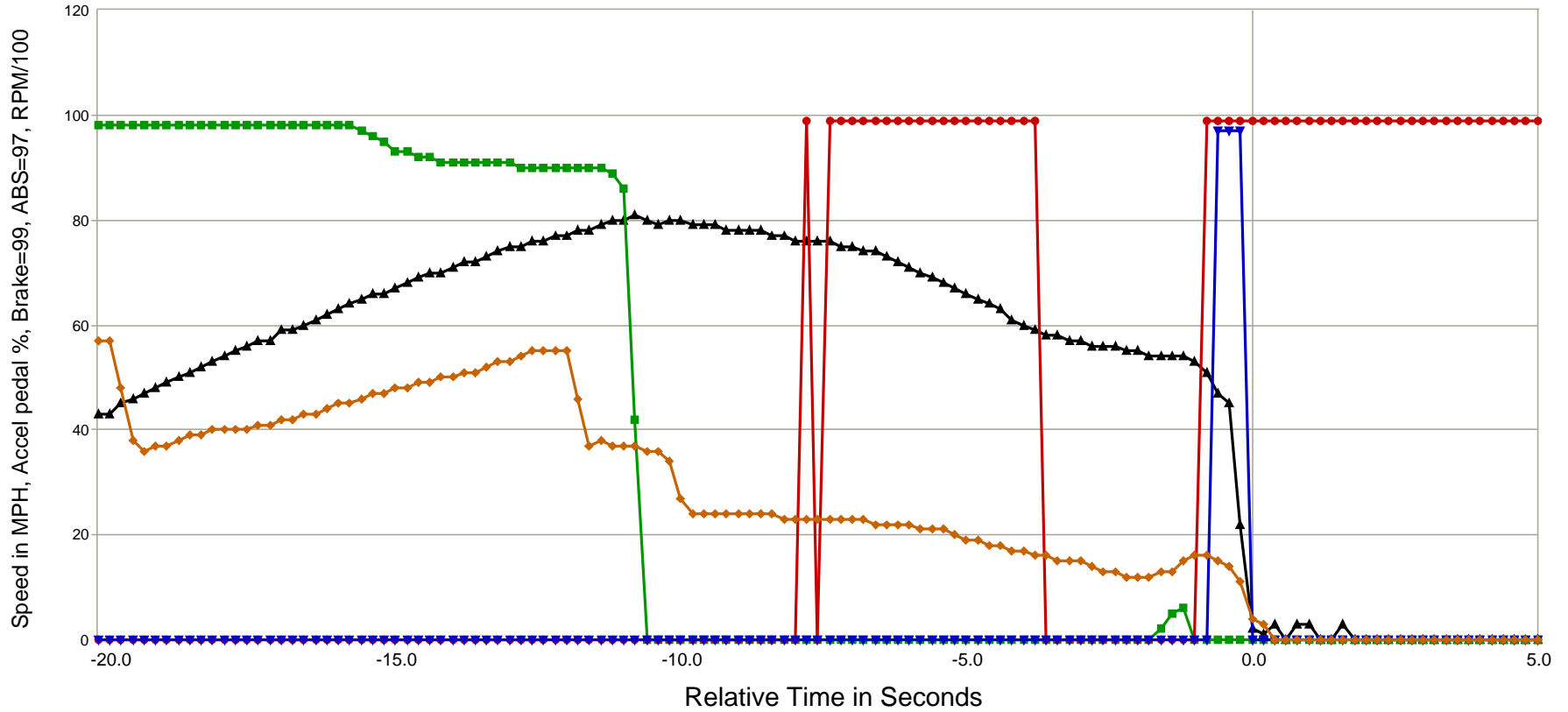
• All PCM recorded data is fed directly from sensors to the PCM where raw signals are processed, and stored internally, except for the following parameters which are transmitted via the vehicle's communication network:

- Stability Control
- Traction Control
- ABS
- Restraint Deployment Signal

PCM Module Information

Vehicle Identification Number (from PCM)	2FAFP71W07X137216
PCM File Name (calibration level)	FCHG2GA.HEX*
PCM Part Number	7W7A-12A650-RC

2FAFP71W07X137216 PCM EDR Crash Data - RDS Received



▲ Vehicle Speed (MPH) ■ Accelerator Pedal (%) ● Brake Switch (0=Off/99=On) ▼ ABS (0=Inactive/97=Active) ◆ RPM/100

PCM EDR Data (1)

Buffer Address (Hex)	Relative Time (calc.) (Seconds)	Restraint Deployment Signal (Received / Not Received)	Speed, Vehicle Indicated (MPH [km/h])	Accelerator Pedal % Full (%)	Engine Throttle % Full (%)	Brake Switch (On / Off)	Brake SC De-ac (On / Off)	ABS (Active / Inactive)	Transmission - Neutral (Neutral / Not Neutral)
EA000070	-20.2	Not Received	42.7 [68.7]	98.5	99.5	OFF	OFF	Not Active	Not Neutral
EA000080	-20.0	Not Received	43.3 [69.7]	98.5	99.5	OFF	OFF	Not Active	Not Neutral
EA000090	-19.8	Not Received	44.7 [71.9]	98.5	99.5	OFF	OFF	Not Active	Not Neutral
EA0000A0	-19.6	Not Received	45.6 [73.4]	98.5	99.5	OFF	OFF	Not Active	Not Neutral
EA0000B0	-19.4	Not Received	46.6 [75]	98.5	99.5	OFF	OFF	Not Active	Not Neutral
EA0000C0	-19.2	Not Received	47.9 [77.1]	98.5	99.5	OFF	OFF	Not Active	Not Neutral
EA0000D0	-19.0	Not Received	48.7 [78.4]	98.5	99.5	OFF	OFF	Not Active	Not Neutral
EA0000E0	-18.8	Not Received	49.8 [80.1]	98.5	99.5	OFF	OFF	Not Active	Not Neutral
EA0000F0	-18.6	Not Received	50.8 [81.7]	98	99.5	OFF	OFF	Not Active	Not Neutral
EA000100	-18.4	Not Received	51.6 [83]	98	99.5	OFF	OFF	Not Active	Not Neutral
EA000110	-18.2	Not Received	52.7 [84.8]	98	99.5	OFF	OFF	Not Active	Not Neutral
EA000120	-18.0	Not Received	53.7 [86.4]	98	99.5	OFF	OFF	Not Active	Not Neutral
EA000130	-17.8	Not Received	54.6 [87.9]	98	99.5	OFF	OFF	Not Active	Not Neutral
EA000140	-17.6	Not Received	55.7 [89.6]	98	99.5	OFF	OFF	Not Active	Not Neutral
EA000150	-17.4	Not Received	56.7 [91.2]	98	99.5	OFF	OFF	Not Active	Not Neutral
EA000160	-17.2	Not Received	57.5 [92.5]	98	99.5	OFF	OFF	Not Active	Not Neutral
EA000170	-17.0	Not Received	58.5 [94.1]	98	99.5	OFF	OFF	Not Active	Not Neutral
EA000180	-16.8	Not Received	59.4 [95.6]	98	99.5	OFF	OFF	Not Active	Not Neutral
EA000190	-16.6	Not Received	60.3 [97]	97.5	99.5	OFF	OFF	Not Active	Not Neutral
EA0001A0	-16.4	Not Received	61.4 [98.8]	97.5	99.5	OFF	OFF	Not Active	Not Neutral
EA0001B0	-16.2	Not Received	62.2 [100.1]	97.5	99.5	OFF	OFF	Not Active	Not Neutral
EA0001C0	-16.0	Not Received	63 [101.4]	97.5	99.5	OFF	OFF	Not Active	Not Neutral
EA0001D0	-15.8	Not Received	63.9 [102.8]	97.5	99.5	OFF	OFF	Not Active	Not Neutral
EA0001E0	-15.6	Not Received	64.8 [104.3]	97	99.5	OFF	OFF	Not Active	Not Neutral
EA0001F0	-15.4	Not Received	65.6 [105.6]	96.5	99.5	OFF	OFF	Not Active	Not Neutral
EA000200	-15.2	Not Received	66.5 [107]	95	99.5	OFF	OFF	Not Active	Not Neutral
EA000210	-15.0	Not Received	67.3 [108.3]	93	99.5	OFF	OFF	Not Active	Not Neutral
EA000220	-14.8	Not Received	68 [109.4]	93	99.5	OFF	OFF	Not Active	Not Neutral
EA000230	-14.6	Not Received	68.8 [110.7]	92.5	99.5	OFF	OFF	Not Active	Not Neutral
EA000240	-14.4	Not Received	69.6 [112]	91.5	99.5	OFF	OFF	Not Active	Not Neutral
EA000250	-14.2	Not Received	70.3 [113.1]	91	99.5	OFF	OFF	Not Active	Not Neutral
EA000260	-14.0	Not Received	71.1 [114.4]	91	99.5	OFF	OFF	Not Active	Not Neutral
EA000270	-13.8	Not Received	71.9 [115.7]	91	99.5	OFF	OFF	Not Active	Not Neutral
EA000280	-13.6	Not Received	72.4 [116.5]	91	99.5	OFF	OFF	Not Active	Not Neutral
EA000290	-13.4	Not Received	73.2 [117.8]	91	99.5	OFF	OFF	Not Active	Not Neutral
EA0002A0	-13.2	Not Received	73.9 [118.9]	91	99.5	OFF	OFF	Not Active	Not Neutral
EA0002B0	-13.0	Not Received	74.5 [119.9]	91	99.5	OFF	OFF	Not Active	Not Neutral
EA0002C0	-12.8	Not Received	75.2 [121]	90.5	99.5	OFF	OFF	Not Active	Not Neutral
EA0002D0	-12.6	Not Received	75.9 [122.1]	90	99.5	OFF	OFF	Not Active	Not Neutral
EA0002E0	-12.4	Not Received	76.4 [122.9]	90	99.5	OFF	OFF	Not Active	Not Neutral
EA0002F0	-12.2	Not Received	76.9 [123.7]	90	99.5	OFF	OFF	Not Active	Not Neutral
EA000300	-12.0	Not Received	77.5 [124.7]	90	99.5	OFF	OFF	Not Active	Not Neutral
EA000310	-11.8	Not Received	78.2 [125.8]	90	99.5	OFF	OFF	Not Active	Not Neutral
EA000320	-11.6	Not Received	78.4 [126.1]	90	99.5	OFF	OFF	Not Active	Not Neutral
EA000330	-11.4	Not Received	79.3 [127.6]	90	99.5	OFF	OFF	Not Active	Not Neutral
EA000340	-11.2	Not Received	79.7 [128.2]	89	99.5	OFF	OFF	Not Active	Not Neutral
EA000350	-11.0	Not Received	80.3 [129.2]	85.5	99.5	OFF	OFF	Not Active	Not Neutral
EA000360	-10.8	Not Received	80.8 [130]	41.5	98.5	OFF	OFF	Not Active	Not Neutral
EA000370	-10.6	Not Received	80.2 [129]	0	12.5	OFF	OFF	Not Active	Not Neutral
EA000380	-10.4	Not Received	79.5 [127.9]	0	11	OFF	OFF	Not Active	Not Neutral
EA000390	-10.2	Not Received	80.1 [128.9]	0	9	OFF	OFF	Not Active	Not Neutral
EA0003A0	-10.0	Not Received	79.9 [128.6]	0	8	OFF	OFF	Not Active	Not Neutral
EA0003B0	-9.8	Not Received	79.3 [127.6]	0	6.5	OFF	OFF	Not Active	Not Neutral
EA0003C0	-9.6	Not Received	79.1 [127.3]	0	6	OFF	OFF	Not Active	Not Neutral
EA0003D0	-9.4	Not Received	78.8 [126.8]	0	6	OFF	OFF	Not Active	Not Neutral
EA0003E0	-9.2	Not Received	78.5 [126.3]	0	6	OFF	OFF	Not Active	Not Neutral
EA0003F0	-9.0	Not Received	78.2 [125.8]	0	6	OFF	OFF	Not Active	Not Neutral
EA000400	-8.8	Not Received	77.9 [125.3]	0	6	OFF	OFF	Not Active	Not Neutral
EA000410	-8.6	Not Received	77.6 [124.9]	0	6	OFF	OFF	Not Active	Not Neutral
EA000420	-8.4	Not Received	77.2 [124.2]	0	6	OFF	OFF	Not Active	Not Neutral
EA000430	-8.2	Not Received	77 [123.9]	0	6	OFF	OFF	Not Active	Not Neutral

Buffer Address (Hex)	Relative Time (calc.) (Seconds)	Restraint Deployment Signal (Received / Not Received)	Speed, Vehicle Indicated (MPH [km/h])	Accelerator Pedal % Full (%)	Engine Throttle % Full (%)	Brake Switch (On / Off)	Brake SC De-ac (On / Off)	ABS (Active / Inactive)	Transmission - Neutral (Neutral / Not Neutral)
EA000440	-8.0	Not Received	76.5 [123.1]	0	6	OFF	OFF	Not Active	Not Neutral
EA000450	-7.8	Not Received	76.2 [122.6]	0	6	ON	OFF	Not Active	Not Neutral
EA000460	-7.6	Not Received	76 [122.3]	0	6	OFF	OFF	Not Active	Not Neutral
EA000470	-7.4	Not Received	75.7 [121.8]	0	6	ON	OFF	Not Active	Not Neutral
EA000480	-7.2	Not Received	75.3 [121.2]	0	6	ON	OFF	Not Active	Not Neutral
EA000490	-7.0	Not Received	74.8 [120.4]	0	6	ON	OFF	Not Active	Not Neutral
EA0004A0	-6.8	Not Received	74.4 [119.7]	0	6	ON	OFF	Not Active	Not Neutral
EA0004B0	-6.6	Not Received	73.8 [118.7]	0	6	ON	OFF	Not Active	Not Neutral
EA0004C0	-6.4	Not Received	73.1 [117.6]	0	6	ON	OFF	Not Active	Not Neutral
EA0004D0	-6.2	Not Received	72.2 [116.2]	0	6	ON	OFF	Not Active	Not Neutral
EA0004E0	-6.0	Not Received	71.3 [114.7]	0	6	ON	ON	Not Active	Not Neutral
EA0004F0	-5.8	Not Received	70.3 [113.1]	0	6	ON	ON	Not Active	Not Neutral
EA000500	-5.6	Not Received	69.3 [111.5]	0	5.5	ON	ON	Not Active	Not Neutral
EA000510	-5.4	Not Received	68.1 [109.6]	0	5.5	ON	ON	Not Active	Not Neutral
EA000520	-5.2	Not Received	67.2 [108.1]	0	5.5	ON	ON	Not Active	Not Neutral
EA000530	-5.0	Not Received	65.9 [106]	0	5.5	ON	ON	Not Active	Not Neutral
EA000540	-4.8	Not Received	65 [104.6]	0	5.5	ON	ON	Not Active	Not Neutral
EA000550	-4.6	Not Received	63.8 [102.7]	0	5	ON	ON	Not Active	Not Neutral
EA000560	-4.4	Not Received	62.6 [100.7]	0	5	ON	ON	Not Active	Not Neutral
EA000570	-4.2	Not Received	61.5 [99]	0	5	ON	ON	Not Active	Not Neutral
EA000580	-4.0	Not Received	60.5 [97.3]	0	4.5	ON	ON	Not Active	Not Neutral
EA000590	-3.8	Not Received	59.4 [95.6]	0	4.5	ON	ON	Not Active	Not Neutral
EA0005A0	-3.6	Not Received	58.3 [93.8]	0	4.5	OFF	OFF	Not Active	Not Neutral
EA0005B0	-3.4	Not Received	57.6 [92.7]	0	4.5	OFF	OFF	Not Active	Not Neutral
EA0005C0	-3.2	Not Received	56.9 [91.6]	0	6	OFF	OFF	Not Active	Not Neutral
EA0005D0	-3.0	Not Received	56.7 [91.2]	0	5.5	OFF	OFF	Not Active	Not Neutral
EA0005E0	-2.8	Not Received	56.2 [90.4]	0	5.5	OFF	OFF	Not Active	Not Neutral
EA0005F0	-2.6	Not Received	55.8 [89.8]	0	5	OFF	OFF	Not Active	Not Neutral
EA000600	-2.4	Not Received	55.5 [89.3]	0	5	OFF	OFF	Not Active	Not Neutral
EA000610	-2.2	Not Received	55.1 [88.7]	0	5	OFF	OFF	Not Active	Not Neutral
EA000620	-2.0	Not Received	54.7 [88]	0	5	OFF	OFF	Not Active	Not Neutral
EA000630	-1.8	Not Received	54.4 [87.5]	0	4.5	OFF	OFF	Not Active	Not Neutral
EA000640	-1.6	Not Received	54.1 [87]	1.5	5	OFF	OFF	Not Active	Not Neutral
EA000650	-1.4	Not Received	53.9 [86.7]	5	5.5	OFF	OFF	Not Active	Not Neutral
EA000660	-1.2	Not Received	53.7 [86.4]	6	6.5	OFF	OFF	Not Active	Not Neutral
EA000670	-1.0	Not Received	53.4 [85.9]	0	5.5	OFF	OFF	Not Active	Not Neutral
EA000680	-0.8	Not Received	51.5 [82.9]	0	6	ON	ON	Not Active	Not Neutral
EA000690	-0.6	Not Received	47.3 [76.1]	0	6	ON	ON	Active	Not Neutral
EA0006A0	-0.4	Not Received	45.2 [72.7]	0	5.5	ON	ON	Active	Not Neutral
EA0006B0	-0.2	Not Received	21.7 [34.9]	0	5.5	ON	ON	Active	Not Neutral
EA0006C0	0.0	Not Received	1.6 [2.6]	0	5	ON	ON	Not Active	Not Neutral
EA0006D0	0.2	Received	1.5 [2.4]	0	5	ON	ON	Not Active	Not Neutral
EA0006E0	0.4	Received	2.9 [4.7]	0	9	ON	ON	Not Active	Not Neutral
EA0006F0	0.6	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA000700	0.8	Received	2.9 [4.7]	0	9	ON	ON	Not Active	Not Neutral
EA000710	1.0	Received	2.6 [4.2]	0	9	ON	ON	Not Active	Not Neutral
EA000720	1.2	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA000730	1.4	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA000740	1.6	Received	2.7 [4.3]	0	9	ON	ON	Not Active	Not Neutral
EA000750	1.8	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA000760	2.0	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA000770	2.2	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA000780	2.4	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA000790	2.6	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA0007A0	2.8	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA0007B0	3.0	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA0007C0	3.2	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA0007D0	3.4	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA0007E0	3.6	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA0007F0	3.8	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA000010	4.0	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA000020	4.2	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral

Buffer Address (Hex)	Relative Time (calc.) (Seconds)	Restraint Deployment Signal (Received / Not Received)	Speed, Vehicle Indicated (MPH [km/h])	Accelerator Pedal % Full (%)	Engine Throttle % Full (%)	Brake Switch (On / Off)	Brake SC De-ac (On / Off)	ABS (Active / Inactive)	Transmission - Neutral (Neutral / Not Neutral)
EA000030	4.4	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA000040	4.6	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA000050	4.8	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral
EA000060	5.0	Received	0 [0]	0	9	ON	ON	Not Active	Not Neutral

PCM EDR Data (2)

Buffer Address (Hex)	Relative Time (calc.) (Seconds)	Transmission - Reverse (Reverse / Not Reverse)	Speed Control (On / Off)	Engine RPM (RPM)	Driveline Torque Commanded (N-m)	Driveline Torque Actual (N-m)	Traction Control (Active / Inactive)	Stability Control (Active / Inactive)	Key On Timer 63.75 Max (sec) (Seconds)
EA000070	-20.2	Not Reverse	OFF	5681.75	231	581	Not Active	Not Active	63.75
EA000080	-20.0	Not Reverse	OFF	5679.5	243	610	Not Active	Not Active	63.75
EA000090	-19.8	Not Reverse	OFF	4840.25	232	501	Not Active	Not Active	63.75
EA0000A0	-19.6	Not Reverse	OFF	3849	289	493	Not Active	Not Active	63.75
EA0000B0	-19.4	Not Reverse	OFF	3638	356	524	Not Active	Not Active	63.75
EA0000C0	-19.2	Not Reverse	OFF	3694.5	323	469	Not Active	Not Active	63.75
EA0000D0	-19.0	Not Reverse	OFF	3748	319	464	Not Active	Not Active	63.75
EA0000E0	-18.8	Not Reverse	OFF	3811.75	323	470	Not Active	Not Active	63.75
EA0000F0	-18.6	Not Reverse	OFF	3872.75	321	468	Not Active	Not Active	63.75
EA000100	-18.4	Not Reverse	OFF	3923.5	325	474	Not Active	Not Active	63.75
EA000110	-18.2	Not Reverse	OFF	3967	328	478	Not Active	Not Active	63.75
EA000120	-18.0	Not Reverse	OFF	3993.5	333	485	Not Active	Not Active	63.75
EA000130	-17.8	Not Reverse	OFF	4034.25	327	476	Not Active	Not Active	63.75
EA000140	-17.6	Not Reverse	OFF	4046.25	329	479	Not Active	Not Active	63.75
EA000150	-17.4	Not Reverse	OFF	4082.5	329	480	Not Active	Not Active	63.75
EA000160	-17.2	Not Reverse	OFF	4123	326	476	Not Active	Not Active	63.75
EA000170	-17.0	Not Reverse	OFF	4156.25	321	468	Not Active	Not Active	63.75
EA000180	-16.8	Not Reverse	OFF	4221.75	322	470	Not Active	Not Active	63.75
EA000190	-16.6	Not Reverse	OFF	4266	322	468	Not Active	Not Active	63.75
EA0001A0	-16.4	Not Reverse	OFF	4345.25	318	463	Not Active	Not Active	63.75
EA0001B0	-16.2	Not Reverse	OFF	4388.5	316	459	Not Active	Not Active	63.75
EA0001C0	-16.0	Not Reverse	OFF	4458.75	317	460	Not Active	Not Active	63.75
EA0001D0	-15.8	Not Reverse	OFF	4530.25	314	455	Not Active	Not Active	63.75
EA0001E0	-15.6	Not Reverse	OFF	4588.5	311	450	Not Active	Not Active	63.75
EA0001F0	-15.4	Not Reverse	OFF	4656.75	313	453	Not Active	Not Active	63.75
EA000200	-15.2	Not Reverse	OFF	4694.75	298	431	Not Active	Not Active	63.75
EA000210	-15.0	Not Reverse	OFF	4766.25	297	429	Not Active	Not Active	63.75
EA000220	-14.8	Not Reverse	OFF	4807.5	291	419	Not Active	Not Active	63.75
EA000230	-14.6	Not Reverse	OFF	4873.25	288	414	Not Active	Not Active	63.75
EA000240	-14.4	Not Reverse	OFF	4930.75	288	414	Not Active	Not Active	63.75
EA000250	-14.2	Not Reverse	OFF	4990	278	399	Not Active	Not Active	63.75
EA000260	-14.0	Not Reverse	OFF	5033.5	282	405	Not Active	Not Active	63.75
EA000270	-13.8	Not Reverse	OFF	5108.75	249	355	Not Active	Not Active	63.75
EA000280	-13.6	Not Reverse	OFF	5135	278	398	Not Active	Not Active	63.75
EA000290	-13.4	Not Reverse	OFF	5201	268	384	Not Active	Not Active	63.75
EA0002A0	-13.2	Not Reverse	OFF	5250.25	267	381	Not Active	Not Active	63.75
EA0002B0	-13.0	Not Reverse	OFF	5277.75	265	378	Not Active	Not Active	63.75
EA0002C0	-12.8	Not Reverse	OFF	5374.25	255	362	Not Active	Not Active	63.75
EA0002D0	-12.6	Not Reverse	OFF	5454.5	252	358	Not Active	Not Active	63.75
EA0002E0	-12.4	Not Reverse	OFF	5480.25	248	352	Not Active	Not Active	63.75
EA0002F0	-12.2	Not Reverse	OFF	5512.5	247	349	Not Active	Not Active	63.75
EA000300	-12.0	Not Reverse	OFF	5478.25	252	353	Not Active	Not Active	63.75
EA000310	-11.8	Not Reverse	OFF	4648.25	296	362	Not Active	Not Active	63.75
EA000320	-11.6	Not Reverse	OFF	3749	431	414	Not Active	Not Active	63.75
EA000330	-11.4	Not Reverse	OFF	3751.75	338	319	Not Active	Not Active	63.75
EA000340	-11.2	Not Reverse	OFF	3738.75	326	307	Not Active	Not Active	63.75
EA000350	-11.0	Not Reverse	OFF	3711	320	301	Not Active	Not Active	63.75
EA000360	-10.8	Not Reverse	OFF	3689	317	298	Not Active	Not Active	63.75
EA000370	-10.6	Not Reverse	OFF	3637	40	25	Not Active	Not Active	63.75
EA000380	-10.4	Not Reverse	OFF	3579.75	-23	-37	Not Active	Not Active	63.75
EA000390	-10.2	Not Reverse	OFF	3406.75	-36	-46	Not Active	Not Active	63.75
EA0003A0	-10.0	Not Reverse	OFF	2671.25	10	-2	Not Active	Not Active	63.75
EA0003B0	-9.8	Not Reverse	OFF	2444.5	-1	-9	Not Active	Not Active	63.75
EA0003C0	-9.6	Not Reverse	OFF	2432.25	-32	-29	Not Active	Not Active	63.75
EA0003D0	-9.4	Not Reverse	OFF	2412.25	-37	-33	Not Active	Not Active	63.75
EA0003E0	-9.2	Not Reverse	OFF	2393	-37	-32	Not Active	Not Active	63.75
EA0003F0	-9.0	Not Reverse	OFF	2387.75	-39	-34	Not Active	Not Active	63.75
EA000400	-8.8	Not Reverse	OFF	2374.5	-39	-33	Not Active	Not Active	63.75
EA000410	-8.6	Not Reverse	OFF	2365.5	-39	-34	Not Active	Not Active	63.75
EA000420	-8.4	Not Reverse	OFF	2353.5	-40	-34	Not Active	Not Active	63.75
EA000430	-8.2	Not Reverse	OFF	2345.5	-40	-34	Not Active	Not Active	63.75

Buffer Address (Hex)	Relative Time (calc.) (Seconds)	Transmission - Reverse (Reverse / Not Reverse)	Speed Control (On / Off)	Engine RPM (RPM)	Driveline Torque Commanded (N-m)	Driveline Torque Actual (N-m)	Traction Control (Active / Inactive)	Stability Control (Active / Inactive)	Key On Timer 63.75 Max (sec) (Seconds)
EA000440	-8.0	Not Reverse	OFF	2333.75	-38	-32	Not Active	Not Active	63.75
EA000450	-7.8	Not Reverse	OFF	2324.75	-39	-32	Not Active	Not Active	63.75
EA000460	-7.6	Not Reverse	OFF	2315.75	-39	-32	Not Active	Not Active	63.75
EA000470	-7.4	Not Reverse	OFF	2305.5	-38	-31	Not Active	Not Active	63.75
EA000480	-7.2	Not Reverse	OFF	2294.25	-39	-32	Not Active	Not Active	63.75
EA000490	-7.0	Not Reverse	OFF	2276.75	-39	-32	Not Active	Not Active	63.75
EA0004A0	-6.8	Not Reverse	OFF	2266.75	-38	-31	Not Active	Not Active	63.75
EA0004B0	-6.6	Not Reverse	OFF	2244.75	-37	-30	Not Active	Not Active	63.75
EA0004C0	-6.4	Not Reverse	OFF	2226	-38	-30	Not Active	Not Active	63.75
EA0004D0	-6.2	Not Reverse	OFF	2196	-37	-28	Not Active	Not Active	63.75
EA0004E0	-6.0	Not Reverse	OFF	2173.25	-35	-27	Not Active	Not Active	63.75
EA0004F0	-5.8	Not Reverse	OFF	2140.5	-34	-26	Not Active	Not Active	63.75
EA000500	-5.6	Not Reverse	OFF	2113.75	-34	-25	Not Active	Not Active	63.75
EA000510	-5.4	Not Reverse	OFF	2081.5	-45	-31	Not Active	Not Active	63.75
EA000520	-5.2	Not Reverse	OFF	2004	-42	-28	Not Active	Not Active	63.75
EA000530	-5.0	Not Reverse	OFF	1942.25	-47	-30	Not Active	Not Active	63.75
EA000540	-4.8	Not Reverse	OFF	1888	-51	-32	Not Active	Not Active	63.75
EA000550	-4.6	Not Reverse	OFF	1842.75	-54	-33	Not Active	Not Active	63.75
EA000560	-4.4	Not Reverse	OFF	1790.75	-58	-35	Not Active	Not Active	63.75
EA000570	-4.2	Not Reverse	OFF	1728.75	-62	-36	Not Active	Not Active	63.75
EA000580	-4.0	Not Reverse	OFF	1667.5	-65	-37	Not Active	Not Active	63.75
EA000590	-3.8	Not Reverse	OFF	1617.75	-65	-36	Not Active	Not Active	63.75
EA0005A0	-3.6	Not Reverse	OFF	1575.75	-65	-35	Not Active	Not Active	63.75
EA0005B0	-3.4	Not Reverse	OFF	1542	-65	-34	Not Active	Not Active	63.75
EA0005C0	-3.2	Not Reverse	OFF	1514	-88	-49	Not Active	Not Active	63.75
EA0005D0	-3.0	Not Reverse	OFF	1458.25	-83	-45	Not Active	Not Active	63.75
EA0005E0	-2.8	Not Reverse	OFF	1364.25	-76	-40	Not Active	Not Active	63.75
EA0005F0	-2.6	Not Reverse	OFF	1308.5	-78	-41	Not Active	Not Active	63.75
EA000600	-2.4	Not Reverse	OFF	1264.5	-80	-42	Not Active	Not Active	63.75
EA000610	-2.2	Not Reverse	OFF	1232	-80	-42	Not Active	Not Active	63.75
EA000620	-2.0	Not Reverse	OFF	1209.5	-81	-42	Not Active	Not Active	63.75
EA000630	-1.8	Not Reverse	OFF	1220	-67	-32	Not Active	Not Active	63.75
EA000640	-1.6	Not Reverse	OFF	1265	-60	-27	Not Active	Not Active	63.75
EA000650	-1.4	Not Reverse	OFF	1331.5	-33	-9	Not Active	Not Active	63.75
EA000660	-1.2	Not Reverse	OFF	1549.75	-28	-5	Not Active	Not Active	63.75
EA000670	-1.0	Not Reverse	OFF	1642.75	-22	-1	Not Active	Not Active	63.75
EA000680	-0.8	Not Reverse	OFF	1590.25	-21	1	Not Active	Not Active	63.75
EA000690	-0.6	Not Reverse	OFF	1463.25	-13	10	Not Active	Not Active	63.75
EA0006A0	-0.4	Not Reverse	OFF	1390.25	-18	12	Not Active	Not Active	63.75
EA0006B0	-0.2	Not Reverse	OFF	1095	-46	25	Not Active	Not Active	63.75
EA0006C0	0.0	Not Reverse	OFF	406	-36	-216	Not Active	Not Active	63.75
EA0006D0	0.2	Not Reverse	OFF	299.75	-16	-99	Not Active	Not Active	63.75
EA0006E0	0.4	Not Reverse	OFF	0	59	377	Not Active	Not Active	63.75
EA0006F0	0.6	Not Reverse	OFF	0	223	1525	Not Active	Not Active	63.75
EA000700	0.8	Not Reverse	OFF	0	221	1514	Not Active	Not Active	63.75
EA000710	1.0	Not Reverse	OFF	0	221	1512	Not Active	Not Active	63.75
EA000720	1.2	Not Reverse	OFF	0	221	1509	Not Active	Not Active	63.75
EA000730	1.4	Not Reverse	OFF	0	221	1509	Not Active	Not Active	63.75
EA000740	1.6	Not Reverse	OFF	0	221	1511	Not Active	Not Active	63.75
EA000750	1.8	Not Reverse	OFF	0	221	1508	Not Active	Not Active	63.75
EA000760	2.0	Not Reverse	OFF	0	221	1508	Not Active	Not Active	63.75
EA000770	2.2	Not Reverse	OFF	0	221	1507	Not Active	Not Active	63.75
EA000780	2.4	Not Reverse	OFF	0	221	1507	Not Active	Not Active	63.75
EA000790	2.6	Not Reverse	OFF	0	221	1507	Not Active	Not Active	63.75
EA0007A0	2.8	Not Reverse	OFF	0	221	1507	Not Active	Not Active	63.75
EA0007B0	3.0	Not Reverse	OFF	0	221	1507	Not Active	Not Active	63.75
EA0007C0	3.2	Not Reverse	OFF	0	221	1507	Not Active	Not Active	63.75
EA0007D0	3.4	Not Reverse	OFF	0	221	1507	Not Active	Not Active	63.75
EA0007E0	3.6	Not Reverse	OFF	0	221	1507	Not Active	Not Active	63.75
EA0007F0	3.8	Not Reverse	OFF	0	221	1507	Not Active	Not Active	63.75
EA000010	4.0	Not Reverse	OFF	0	221	1507	Not Active	Not Active	63.75
EA000020	4.2	Not Reverse	OFF	0	221	1507	Not Active	Not Active	63.75

Buffer Address (Hex)	Relative Time (calc.) (Seconds)	Transmission - Reverse (Reverse / Not Reverse)	Speed Control (On / Off)	Engine RPM (RPM)	Driveline Torque Commanded (N-m)	Driveline Torque Actual (N-m)	Traction Control (Active / Inactive)	Stability Control (Active / Inactive)	Key On Timer 63.75 Max (sec) (Seconds)
EA000030	4.4	Not Reverse	OFF	0	221	1507	Not Active	Not Active	63.75
EA000040	4.6	Not Reverse	OFF	0	221	1507	Not Active	Not Active	63.75
EA000050	4.8	Not Reverse	OFF	0	221	1507	Not Active	Not Active	63.75
EA000060	5.0	Not Reverse	OFF	0	221	1507	Not Active	Not Active	63.75

Hexadecimal Data

Data that the vehicle manufacturer has specified for data retrieval is shown in the hexadecimal data section of the CDR report. The hexadecimal data section of the CDR report may contain data that is not translated by the CDR program. The control module contains additional data that is not retrievable by the CDR system.

```
0000100C0: 32 46 41 46 50 37 31 57 30 37 58 31 33 37 32 31
0000100D0: 36 FF FF FF
```

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000010046: 46 43 48 47 32 47 41 2E 48 45 58 2A
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000010054: 37 57 37 41 52 43 20 2A
```

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0EA000000: 04 06 C0 36 00 00 00 00 00 00 00 00 00 00 00
0EA000010: 00 07 12 00 00 02 DD 00 00 07 E3 01 F8 FF 00 26
0EA000020: 00 07 12 00 00 02 DD 00 00 07 E3 01 F8 FF 00 26
0EA000030: 00 07 12 00 00 02 DD 00 00 07 E3 01 F8 FF 00 26
0EA000040: 00 07 12 00 00 02 DD 00 00 07 E3 01 F8 FF 00 26
0EA000050: 00 07 12 00 00 02 DD 00 00 07 E3 01 F8 FF 00 26
0EA000060: 00 07 12 00 00 02 DD 00 00 07 E3 01 F8 FF 00 26
0EA000070: C5 04 C7 58 C7 02 E7 15 57 04 45 00 F8 FF 00 BC
0EA000080: C5 04 C7 58 BE 02 F3 15 A8 04 62 00 F8 FF 00 4B
0EA000090: C5 04 C7 4B A1 02 E8 16 5E 03 F5 00 F8 FF 00 37
0EA0000A0: C5 04 C7 3C 24 03 21 16 CF 03 ED 00 F8 FF 00 20
0EA0000B0: C5 04 C7 38 D8 03 64 17 53 04 0C 00 F8 FF 00 88
0EA0000C0: C5 04 C7 39 BA 03 43 17 EF 03 D5 00 F8 FF 00 62
0EA0000D0: C5 04 C7 3A 90 03 3F 18 5F 03 D0 00 F8 FF 00 23
0EA0000E0: C5 04 C7 3B 8F 03 43 18 E1 03 D6 00 F8 FF 00 97
0EA0000F0: C4 04 C7 3C 83 03 41 19 68 03 D4 00 F8 FF 00 1F
0EA000100: C4 04 C7 3D 4E 03 45 19 CF 03 DA 00 F8 FF 00 E2
0EA000110: C4 04 C7 3D FC 03 48 1A 56 03 DE 00 F8 FF 00 A5
0EA000120: C4 04 C7 3E 66 03 4D 1A DC 03 E5 00 F8 FF 00 A8
0EA000130: C4 04 C7 3F 09 03 47 1B 51 03 DC 00 F8 FF 00 9D
0EA000140: C4 04 C7 3F 39 03 49 1B D5 03 DF 00 F8 FF 00 E4
0EA000150: C4 04 C7 3F CA 03 49 1C 5A 03 E0 00 F8 FF 00 CC
0EA000160: C4 04 C7 40 6C 03 46 1C BA 03 DC 00 F8 FF 00 D0
0EA000170: C4 04 C7 40 F1 03 41 1D 41 03 D4 00 F8 FF 00 D0
0EA000180: C4 04 C7 41 F7 03 42 1D B4 03 D6 00 F8 FF 00 53
0EA000190: C3 04 C7 42 A8 03 42 1E 22 03 D4 00 F8 FF 00 35
0EA0001A0: C3 04 C7 43 E5 03 3E 1E AE 03 CF 00 F8 FF 00 74
0EA0001B0: C3 04 C7 44 92 03 3C 1F 18 03 CB 00 F8 FF 00 61
0EA0001C0: C3 04 C7 45 AB 03 3D 1F 83 03 CC 00 F8 FF 00 DA
0EA0001D0: C3 04 C7 46 C9 03 3A 1F F6 03 C7 00 F8 FF 00 50
0EA0001E0: C2 04 C7 47 B2 03 37 20 67 03 C2 00 F8 FF 00 FD
0EA0001F0: C1 04 C7 48 C3 03 39 20 CC 03 C5 00 F8 FF 00 82
0EA000200: BE 04 C7 49 5B 03 2A 21 40 03 AF 00 F8 FF 00 9C
0EA000210: BA 04 C7 4A 79 03 29 21 A5 03 AD 00 F8 FF 00 1F
0EA000220: BA 04 C7 4B 1E 03 23 22 00 03 A3 00 F8 FF 00 2D
0EA000230: B9 04 C7 4C 25 03 20 22 6B 03 9E 00 F8 FF 00 C3
0EA000240: B7 04 C7 4D 0B 03 20 22 CE 03 9E 00 F8 FF 00 7B
0EA000250: B6 04 C7 4D F8 03 16 23 2A 03 8F 00 F8 FF 00 4B
0EA000260: B6 04 C7 4E A6 03 1A 23 87 03 95 00 F8 FF 00 35
0EA000270: B6 04 C7 4F D3 02 F9 23 EE 03 63 00 F8 FF 00 F4
0EA000280: B6 04 C7 50 3C 03 16 24 38 03 8E 00 F8 FF 00 F6
0EA000290: B6 04 C7 51 44 03 0C 24 9A 03 80 00 F8 FF 00 A3
0EA0002A0: B6 04 C7 52 09 03 0B 24 F0 03 7D 00 F8 FF 00 8B
0EA0002B0: B6 04 C7 52 77 03 09 25 43 03 7A 00 F8 FF 00 CE
0EA0002C0: B5 04 C7 53 F9 02 FF 25 99 03 6A 00 F8 FF 00 11
0EA0002D0: B4 04 C7 55 3A 02 FC 25 F0 03 66 00 F8 FF 00 7F
0EA0002E0: B4 04 C7 55 A1 02 F8 26 30 03 60 00 F8 FF 00 E1
0EA0002F0: B4 04 C7 56 22 02 F7 26 74 03 5D 00 F8 FF 00 1F
0EA000300: B4 04 C7 55 99 02 FC 26 BA 03 61 00 F8 FF 00 5A
0EA000310: B4 04 C7 48 A1 03 28 27 1F 03 6A 00 F8 FF 00 C3
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0EA000320: B4 04 C7 3A 94 03 AF 27 39 03 9E 00 F8 FF 00 09
0EA000330: B4 04 C7 3A 9F 03 52 27 A9 03 3F 00 F8 FF 00 4A
0EA000340: B2 04 C7 3A 6B 03 46 27 DE 03 33 00 F8 FF 00 63
0EA000350: AB 04 C7 39 FC 03 40 28 26 03 2D 00 F8 FF 00 9D
0EA000360: 53 04 C5 39 A4 03 3D 28 61 03 2A 00 F8 FF 00 1A
0EA000370: 00 04 19 38 D4 02 28 28 19 02 19 00 F8 FF 00 5A
0EA000380: 00 04 16 37 EF 01 E9 27 BD 01 DB 00 F8 FF 00 1F
0EA000390: 00 04 12 35 3B 01 DC 28 10 01 D2 00 F8 FF 00 9B
0EA0003A0: 00 04 10 29 BD 02 0A 27 F2 01 FE 00 F8 FF 00 EB
0EA0003B0: 00 04 0D 26 32 01 FF 27 A8 01 F7 00 F8 FF 00 D9
0EA0003C0: 00 04 0C 26 01 01 E0 27 91 01 E3 00 F8 FF 00 55
0EA0003D0: 00 04 0C 25 B1 01 DB 27 64 01 DF 00 F8 FF 00 DC
0EA0003E0: 00 04 0C 25 64 01 DB 27 40 01 E0 00 F8 FF 00 4C
0EA0003F0: 00 04 0C 25 4F 01 D9 27 1E 01 DE 00 F8 FF 00 87
0EA000400: 00 04 0C 25 1A 01 D9 26 ED 01 DF 00 F8 FF 00 ED
0EA000410: 00 04 0C 24 F6 01 D9 26 CD 01 DE 00 F8 FF 00 33
0EA000420: 00 04 0C 24 C6 01 D8 26 99 01 DE 00 F8 FF 00 98
0EA000430: 00 04 0C 24 A6 01 D8 26 80 01 DE 00 F8 FF 00 D1
0EA000440: 00 04 0C 24 77 01 DA 26 3A 01 E0 00 F8 FF 00 42
0EA000450: 00 05 0C 24 53 01 D9 26 20 01 E0 00 F8 FF 00 80
0EA000460: 00 04 0C 24 2F 01 D9 25 FF 01 E0 00 F8 FF 00 C7
0EA000470: 00 05 0C 24 06 01 DA 25 D5 01 E1 00 F8 FF 00 17
0EA000480: 00 05 0C 23 D9 01 D9 25 A3 01 E0 00 F8 FF 00 79
0EA000490: 00 05 0C 23 93 01 D9 25 6B 01 E0 00 F8 FF 00 F7
0EA0004A0: 00 05 0C 23 6B 01 DA 25 31 01 E1 00 F8 FF 00 57
0EA0004B0: 00 05 0C 23 13 01 DB 24 E0 01 E2 00 F8 FF 00 FF
0EA0004C0: 00 05 0C 22 C8 01 DA 24 8D 01 E2 00 F8 FF 00 9F
0EA0004D0: 00 05 0C 22 50 01 DB 24 1C 01 E4 00 F8 FF 00 85
0EA0004E0: 00 07 0C 21 F5 01 DD 23 A2 01 E5 00 F8 FF 00 57
0EA0004F0: 00 07 0C 21 72 01 DE 23 28 01 E6 00 F8 FF 00 52
0EA000500: 00 07 0B 21 07 01 DE 22 A1 01 E7 00 F8 FF 00 45
0EA000510: 00 07 0B 20 86 01 D3 22 0B 01 E1 00 F8 FF 00 6E
0EA000520: 00 07 0B 1F 50 01 D6 21 96 01 E4 00 F8 FF 00 15
0EA000530: 00 07 0B 1E 59 01 D1 20 F5 01 E2 00 F8 FF 00 B6
0EA000540: 00 07 0B 1D 80 01 CD 20 7B 01 E0 00 F8 FF 00 10
0EA000550: 00 07 0A 1C CB 01 CA 1F E5 01 DF 00 F8 FF 00 62
0EA000560: 00 07 0A 1B FB 01 C6 1F 4E 01 DD 00 F8 FF 00 D0
0EA000570: 00 07 0A 1B 03 01 C2 1E BA 01 DC 00 F8 FF 00 62
0EA000580: 00 07 09 1A 0E 01 BF 1E 3B 01 DB 00 F8 FF 00 DC
0EA000590: 00 07 09 19 47 01 BF 1D B6 01 DC 00 F8 FF 00 29
0EA0005A0: 00 04 09 18 9F 01 BF 1D 21 01 DD 00 F8 FF 00 69
0EA0005B0: 00 04 09 18 18 01 BF 1C D3 01 DE 00 F8 FF 00 3E
0EA0005C0: 00 04 0C 17 A8 01 A8 1C 78 01 CF 00 F8 FF 00 2D
0EA0005D0: 00 04 0B 16 C9 01 AD 1C 5A 01 D3 00 F8 FF 00 23
0EA0005E0: 00 04 0B 15 51 01 B4 1C 1A 01 D8 00 F8 FF 00 D0
0EA0005F0: 00 04 0A 14 72 01 B2 1B E8 01 D7 00 F8 FF 00 E7
0EA000600: 00 04 0A 13 C2 01 B0 1B C0 01 D6 00 F8 FF 00 C3
0EA000610: 00 04 0A 13 40 01 B0 1B 8B 01 D6 00 F8 FF 00 7A
0EA000620: 00 04 0A 12 E6 01 AF 1B 5E 01 D6 00 F8 FF 00 03
0EA000630: 00 04 09 13 10 01 BD 1B 34 01 E0 00 F8 FF 00 EB
0EA000640: 03 04 0A 13 C4 01 C4 1B 10 01 E5 00 F8 FF 00 4B
0EA000650: 0A 04 0B 14 CE 01 DF 1A EE 01 F7 00 F8 FF 00 2E
0EA000660: 0C 04 0D 18 37 01 E4 1A D7 01 FB 00 F8 FF 00 CB
0EA000670: 00 04 0B 19 AB 01 EA 1A AE 01 FF 00 F8 FF 00 83
0EA000680: 00 07 0C 18 D9 01 EB 19 BB 02 01 00 F8 FF 00 42
0EA000690: 00 07 0C 16 DD 01 F3 17 AA 02 0A 00 FC FF 00 3E
0EA0006A0: 00 07 0B 15 B9 01 EE 16 9A 02 0C 00 FC FF 00 78
0EA0006B0: 00 07 0B 11 1C 01 D2 0A DF 02 19 00 FC FF 00 EF
0EA0006C0: 00 07 0A 06 58 01 DC 00 C8 01 28 00 F8 FF 00 CC
0EA0006D0: 00 07 0A 04 AF 01 F0 00 BB 01 9D 01 F8 FF 00 FA
0EA0006E0: 00 07 12 00 00 02 3B 01 77 03 79 01 F8 FF 00 BE
0EA0006F0: 00 07 12 00 00 02 DF 00 00 07 F5 01 F8 FF 00 12
0EA000700: 00 07 12 00 00 02 DD 01 76 07 EA 01 F8 FF 00 A8
0EA000710: 00 07 12 00 00 02 DD 01 4C 07 E8 01 F8 FF 00 D4
0EA000720: 00 07 12 00 00 02 DD 00 00 07 E5 01 F8 FF 00 24
0EA000730: 00 07 12 00 00 02 DD 00 00 07 E5 01 F8 FF 00 24
0EA000740: 00 07 12 00 00 02 DD 01 5E 07 E7 01 F8 FF 00 C3

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0EA000750: 00 07 12 00 00 02 DD 00 00 07 E4 01 F8 FF 00 25
0EA000760: 00 07 12 00 00 02 DD 00 00 07 E4 01 F8 FF 00 25
0EA000770: 00 07 12 00 00 02 DD 00 00 07 E3 01 F8 FF 00 26
0EA000780: 00 07 12 00 00 02 DD 00 00 07 E3 01 F8 FF 00 26
0EA000790: 00 07 12 00 00 02 DD 00 00 07 E3 01 F8 FF 00 26
0EA0007A0: 00 07 12 00 00 02 DD 00 00 07 E3 01 F8 FF 00 26
0EA0007B0: 00 07 12 00 00 02 DD 00 00 07 E3 01 F8 FF 00 26
0EA0007C0: 00 07 12 00 00 02 DD 00 00 07 E3 01 F8 FF 00 26
0EA0007D0: 00 07 12 00 00 02 DD 00 00 07 E3 01 F8 FF 00 26
0EA0007E0: 00 07 12 00 00 02 DD 00 00 07 E3 01 F8 FF 00 26
0EA0007F0: 00 07 12 00 00 02 DD 00 00 07 E3 01 F8 FF 00 26
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