BOSCH

CDR CRASH DATA RETRIEVAL SYSTEM

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	4M2ZU66W54U******
User	Allen Loper
Case Number	test5
EDR Data Imaging Date	Thursday, April 10 2008
Crash Date	00/00/00
Filename	2004_MERCURY_MOUNTAINEER_PCM.CDR
Saved on	Thursday, April 10 2008 at 10:55:18 AM
Collected with CDR version	Crash Data Retrieval Tool 3.00
Reported with CDR version	Crash Data Retrieval Tool 4.2
EDR Device Type	Powertrain Control Module
Restraint Deployment Signal Received	Yes

Comments

mercury mountaineer 2004
passenger side airbag appears to be deployed
245/65r17 on door, no tires on wheels
drivers side not deployed

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 Thursday, April 10 2008 at 10:55:18 AM .

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

02005_PCM-1-2_r001

PCM Module Information

Vehicle Identification Number (from PCM)	4M2ZU66W54U******
PCM File Name (calibration level)	JMAJEB3.HEX*
PCM Part Number	4U7A-12A650-HYB

4M2ZU66W54U****   PCM EDR Crash Data - RDS Received**
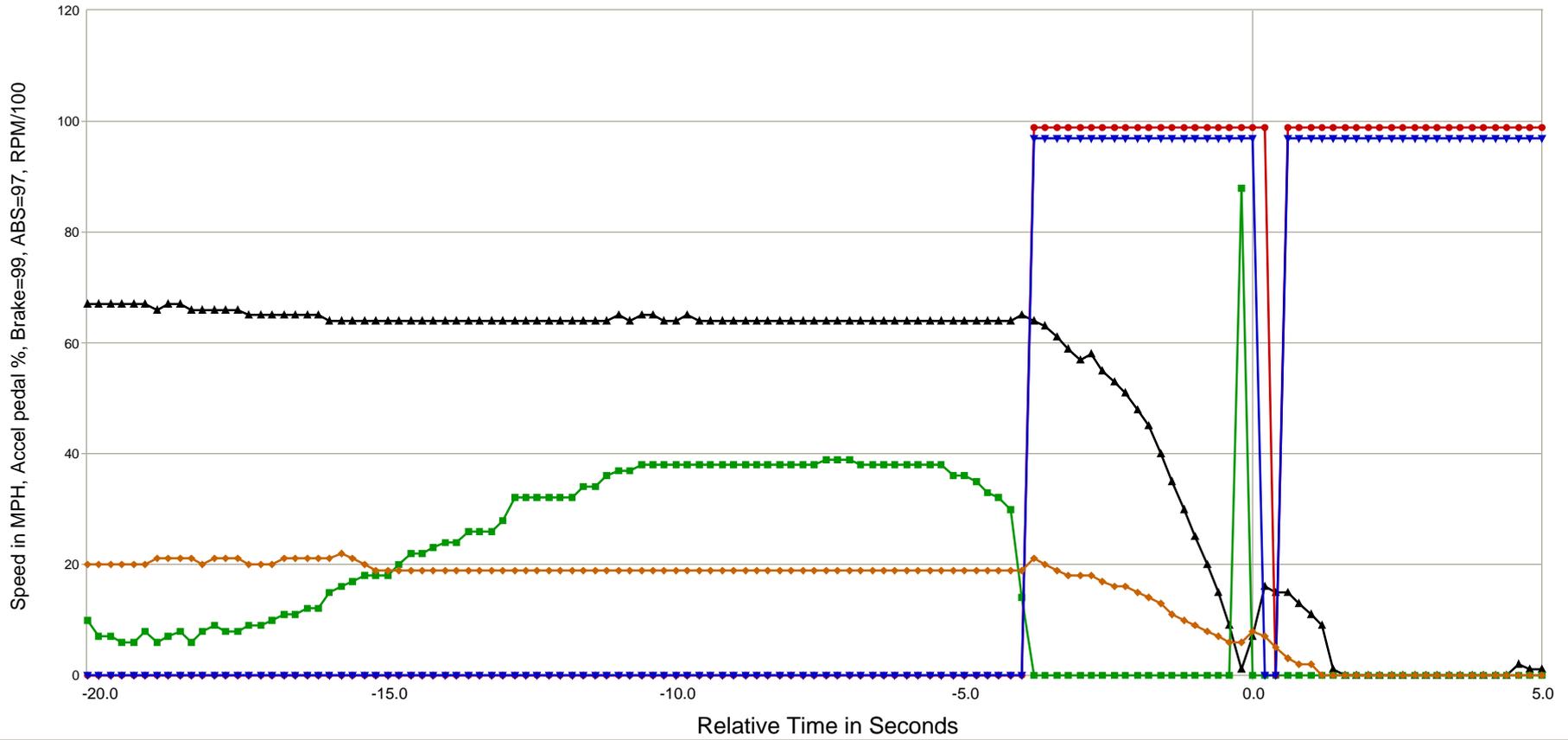
Legend:
- Vehicle Speed (MPH)
- Accelerator Pedal (%)
- Brake Switch (0=Off/99=On)
- ABS (0=Inactive/97=Active)
- RPM/100

Y-axis: Speed in MPH, Accel pedal %, Brake=99, ABS=97, RPM/100

X-axis: Relative Time in Seconds

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)
EA000330	-20.2	Not Received	67.3 [108.3]	10	13	OFF	OFF	Not Active	Not Neutral
EA000340	-20.0	Not Received	67.2 [108.1]	7	10.5	OFF	OFF	Not Active	Not Neutral
EA000350	-19.8	Not Received	67.4 [108.4]	7	10.5	OFF	OFF	Not Active	Not Neutral
EA000360	-19.6	Not Received	67.2 [108.1]	6.5	10.5	OFF	OFF	Not Active	Not Neutral
EA000370	-19.4	Not Received	67 [107.8]	5.5	9.5	OFF	OFF	Not Active	Not Neutral
EA000380	-19.2	Not Received	66.8 [107.5]	7.5	11	OFF	OFF	Not Active	Not Neutral
EA000390	-19.0	Not Received	66.4 [106.8]	6.5	10.5	OFF	OFF	Not Active	Not Neutral
EA0003A0	-18.8	Not Received	66.9 [107.6]	7	10.5	OFF	OFF	Not Active	Not Neutral
EA0003B0	-18.6	Not Received	66.6 [107.2]	8	12	OFF	OFF	Not Active	Not Neutral
EA0003C0	-18.4	Not Received	66.2 [106.5]	5.5	10	OFF	OFF	Not Active	Not Neutral
EA0003D0	-18.2	Not Received	66.4 [106.8]	8	11	OFF	OFF	Not Active	Not Neutral
EA0003E0	-18.0	Not Received	66.1 [106.4]	9	12.5	OFF	OFF	Not Active	Not Neutral
EA0003F0	-17.8	Not Received	65.9 [106]	8	12	OFF	OFF	Not Active	Not Neutral
EA000400	-17.6	Not Received	65.7 [105.7]	8.5	12	OFF	OFF	Not Active	Not Neutral
EA000410	-17.4	Not Received	65.4 [105.2]	9	12	OFF	OFF	Not Active	Not Neutral
EA000420	-17.2	Not Received	65.4 [105.2]	9	12.5	OFF	OFF	Not Active	Not Neutral
EA000430	-17.0	Not Received	65.2 [104.9]	9.5	12.5	OFF	OFF	Not Active	Not Neutral
EA000440	-16.8	Not Received	64.9 [104.4]	11	13.5	OFF	OFF	Not Active	Not Neutral
EA000450	-16.6	Not Received	64.9 [104.4]	11	14	OFF	OFF	Not Active	Not Neutral
EA000460	-16.4	Not Received	64.7 [104.1]	12	14.5	OFF	OFF	Not Active	Not Neutral
EA000470	-16.2	Not Received	64.7 [104.1]	12.5	15	OFF	OFF	Not Active	Not Neutral
EA000480	-16.0	Not Received	64.4 [103.6]	15	17	OFF	OFF	Not Active	Not Neutral
EA000490	-15.8	Not Received	64.3 [103.5]	16	18	OFF	OFF	Not Active	Not Neutral
EA0004A0	-15.6	Not Received	64.2 [103.3]	17	18	OFF	OFF	Not Active	Not Neutral
EA0004B0	-15.4	Not Received	64 [103]	17.5	18	OFF	OFF	Not Active	Not Neutral
EA0004C0	-15.2	Not Received	64.1 [103.1]	17.5	17.5	OFF	OFF	Not Active	Not Neutral
EA0004D0	-15.0	Not Received	63.9 [102.8]	18.5	18	OFF	OFF	Not Active	Not Neutral
EA0004E0	-14.8	Not Received	63.9 [102.8]	19.5	18.5	OFF	OFF	Not Active	Not Neutral
EA0004F0	-14.6	Not Received	63.9 [102.8]	22	21	OFF	OFF	Not Active	Not Neutral
EA000500	-14.4	Not Received	63.7 [102.5]	22.5	21	OFF	OFF	Not Active	Not Neutral
EA000510	-14.2	Not Received	63.8 [102.7]	23	22	OFF	OFF	Not Active	Not Neutral
EA000520	-14.0	Not Received	63.8 [102.7]	24	24.5	OFF	OFF	Not Active	Not Neutral
EA000530	-13.8	Not Received	63.8 [102.7]	24	25	OFF	OFF	Not Active	Not Neutral
EA000540	-13.6	Not Received	64.1 [103.1]	26.5	35.5	OFF	OFF	Not Active	Not Neutral
EA000550	-13.4	Not Received	63.7 [102.5]	26.5	38.5	OFF	OFF	Not Active	Not Neutral
EA000560	-13.2	Not Received	64.1 [103.1]	26	32.5	OFF	OFF	Not Active	Not Neutral
EA000570	-13.0	Not Received	64.1 [103.1]	28.5	52	OFF	OFF	Not Active	Not Neutral
EA000580	-12.8	Not Received	64 [103]	31.5	97.5	OFF	OFF	Not Active	Not Neutral
EA000590	-12.6	Not Received	64 [103]	31.5	100	OFF	OFF	Not Active	Not Neutral
EA0005A0	-12.4	Not Received	64.2 [103.3]	31.5	100	OFF	OFF	Not Active	Not Neutral
EA0005B0	-12.2	Not Received	64.2 [103.3]	32.5	100	OFF	OFF	Not Active	Not Neutral
EA0005C0	-12.0	Not Received	64.3 [103.5]	32.5	100	OFF	OFF	Not Active	Not Neutral
EA0005D0	-11.8	Not Received	64.4 [103.6]	32.5	100	OFF	OFF	Not Active	Not Neutral
EA0005E0	-11.6	Not Received	64.5 [103.8]	33.5	100	OFF	OFF	Not Active	Not Neutral
EA0005F0	-11.4	Not Received	64.4 [103.6]	34.5	100	OFF	OFF	Not Active	Not Neutral
EA000600	-11.2	Not Received	64.5 [103.8]	36	100	OFF	OFF	Not Active	Not Neutral
EA000610	-11.0	Not Received	64.6 [103.9]	37	100	OFF	OFF	Not Active	Not Neutral
EA000620	-10.8	Not Received	64.5 [103.8]	37	100	OFF	OFF	Not Active	Not Neutral
EA000630	-10.6	Not Received	64.5 [103.8]	37.5	100	OFF	OFF	Not Active	Not Neutral
EA000640	-10.4	Not Received	64.6 [103.9]	37.5	100	OFF	OFF	Not Active	Not Neutral
EA000650	-10.2	Not Received	64.5 [103.8]	37.5	100	OFF	OFF	Not Active	Not Neutral
EA000660	-10.0	Not Received	64.4 [103.6]	37.5	100	OFF	OFF	Not Active	Not Neutral
EA000670	-9.8	Not Received	64.5 [103.8]	37.5	100	OFF	OFF	Not Active	Not Neutral
EA000680	-9.6	Not Received	64.2 [103.3]	37.5	100	OFF	OFF	Not Active	Not Neutral
EA000690	-9.4	Not Received	64.3 [103.5]	38	100	OFF	OFF	Not Active	Not Neutral
EA0006A0	-9.2	Not Received	64.3 [103.5]	38	100	OFF	OFF	Not Active	Not Neutral
EA0006B0	-9.0	Not Received	64.2 [103.3]	37.5	100	OFF	OFF	Not Active	Not Neutral
EA0006C0	-8.8	Not Received	64.2 [103.3]	38	100	OFF	OFF	Not Active	Not Neutral
EA0006D0	-8.6	Not Received	64.2 [103.3]	37.5	100	OFF	OFF	Not Active	Not Neutral
EA0006E0	-8.4	Not Received	64.2 [103.3]	38	100	OFF	OFF	Not Active	Not Neutral
EA0006F0	-8.2	Not Received	64 [103]	38.5	100	OFF	OFF	Not Active	Not Neutral
EA000700	-8.0	Not Received	64 [103]	38.5	100	OFF	OFF	Not Active	Not Neutral
EA000710	-7.8	Not Received	64 [103]	38.5	100	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)
EA000720	-7.6	Not Received	64.1 [103.1]	38.5	100	OFF	OFF	Not Active	Not Neutral
EA000730	-7.4	Not Received	64 [103]	39	100	OFF	OFF	Not Active	Not Neutral
EA000740	-7.2	Not Received	64.1 [103.1]	39	100	OFF	OFF	Not Active	Not Neutral
EA000750	-7.0	Not Received	64.2 [103.3]	39	100	OFF	OFF	Not Active	Not Neutral
EA000760	-6.8	Not Received	64.1 [103.1]	38.5	100	OFF	OFF	Not Active	Not Neutral
EA000770	-6.6	Not Received	64.1 [103.1]	38.5	100	OFF	OFF	Not Active	Not Neutral
EA000780	-6.4	Not Received	64.1 [103.1]	38.5	100	OFF	OFF	Not Active	Not Neutral
EA000790	-6.2	Not Received	64 [103]	38.5	100	OFF	OFF	Not Active	Not Neutral
EA0007A0	-6.0	Not Received	64.1 [103.1]	38.5	100	OFF	OFF	Not Active	Not Neutral
EA0007B0	-5.8	Not Received	64.1 [103.1]	38	100	OFF	OFF	Not Active	Not Neutral
EA0007C0	-5.6	Not Received	64.1 [103.1]	37.5	100	OFF	OFF	Not Active	Not Neutral
EA0007D0	-5.4	Not Received	64.2 [103.3]	37.5	100	OFF	OFF	Not Active	Not Neutral
EA0007E0	-5.2	Not Received	63.9 [102.8]	36.5	100	OFF	OFF	Not Active	Not Neutral
EA0007F0	-5.0	Not Received	63.9 [102.8]	35.5	100	OFF	OFF	Not Active	Not Neutral
EA000010	-4.8	Not Received	64 [103]	35	100	OFF	OFF	Not Active	Not Neutral
EA000020	-4.6	Not Received	64 [103]	33	100	OFF	OFF	Not Active	Not Neutral
EA000030	-4.4	Not Received	64.3 [103.5]	32	100	OFF	OFF	Not Active	Not Neutral
EA000040	-4.2	Not Received	64.4 [103.6]	30	100	OFF	OFF	Not Active	Not Neutral
EA000050	-4.0	Not Received	64.7 [104.1]	13.5	62	OFF	OFF	Not Active	Not Neutral
EA000060	-3.8	Not Received	64 [103]	0	10.5	ON	OFF	Active	Not Neutral
EA000070	-3.6	Not Received	63 [101.4]	0	10.5	ON	ON	Active	Not Neutral
EA000080	-3.4	Not Received	60.7 [97.7]	0	10.5	ON	ON	Active	Not Neutral
EA000090	-3.2	Not Received	58.7 [94.4]	0	10.5	ON	ON	Active	Not Neutral
EA0000A0	-3.0	Not Received	57.1 [91.9]	0	10.5	ON	ON	Active	Not Neutral
EA0000B0	-2.8	Not Received	57.6 [92.7]	0	10.5	ON	ON	Active	Not Neutral
EA0000C0	-2.6	Not Received	54.7 [88]	0	9.5	ON	ON	Active	Not Neutral
EA0000D0	-2.4	Not Received	53 [85.3]	0	9	ON	ON	Active	Not Neutral
EA0000E0	-2.2	Not Received	51.3 [82.5]	0	8	ON	ON	Active	Not Neutral
EA0000F0	-2.0	Not Received	48.2 [77.6]	0	7.5	ON	ON	Active	Not Neutral
EA000100	-1.8	Not Received	44.8 [72.1]	0	6.5	ON	ON	Active	Not Neutral
EA000110	-1.6	Not Received	40.5 [65.2]	0	6	ON	ON	Active	Not Neutral
EA000120	-1.4	Not Received	35 [56.3]	0	5.5	ON	ON	Active	Not Neutral
EA000130	-1.2	Not Received	29.8 [47.9]	0	5	ON	ON	Active	Not Neutral
EA000140	-1.0	Not Received	24.8 [39.9]	0	5	ON	ON	Active	Not Neutral
EA000150	-0.8	Not Received	20.3 [32.7]	0	4.5	ON	ON	Active	Not Neutral
EA000160	-0.6	Not Received	15.4 [24.8]	0	4	ON	ON	Active	Not Neutral
EA000170	-0.4	Not Received	9 [14.5]	.5	4	ON	ON	Active	Not Neutral
EA000180	-0.2	Not Received	1.4 [2.3]	88	13	ON	ON	Active	Not Neutral
EA000190	0.0	Not Received	7.3 [11.7]	0	5	ON	ON	Active	Not Neutral
EA0001A0	0.2	Received	16.1 [25.9]	0	4.5	ON	OFF	Not Active	Not Neutral
EA0001B0	0.4	Received	15.4 [24.8]	0	4.5	OFF	OFF	Not Active	Not Neutral
EA0001C0	0.6	Received	14.6 [23.5]	0	4.5	ON	OFF	Active	Not Neutral
EA0001D0	0.8	Received	12.6 [20.3]	0	7	ON	ON	Active	Not Neutral
EA0001E0	1.0	Received	10.5 [16.9]	0	10.5	ON	ON	Active	Not Neutral
EA0001F0	1.2	Received	9.5 [15.3]	0	10.5	ON	ON	Active	Neutral
EA000200	1.4	Received	1 [1.6]	0	0	ON	ON	Active	Neutral
EA000210	1.6	Received	0 [0]	0	0	ON	ON	Active	Neutral
EA000220	1.8	Received	0 [0]	0	9	ON	OFF	Active	Neutral
EA000230	2.0	Received	0 [0]	0	9	ON	OFF	Active	Neutral
EA000240	2.2	Received	0 [0]	0	9	ON	OFF	Active	Neutral
EA000250	2.4	Received	0 [0]	0	8.5	ON	OFF	Active	Neutral
EA000260	2.6	Received	0 [0]	0	8.5	ON	OFF	Active	Neutral
EA000270	2.8	Received	0 [0]	0	8.5	ON	ON	Active	Neutral
EA000280	3.0	Received	0 [0]	0	8.5	ON	ON	Active	Neutral
EA000290	3.2	Received	0 [0]	0	8.5	ON	ON	Active	Neutral
EA0002A0	3.4	Received	0 [0]	0	8.5	ON	ON	Active	Neutral
EA0002B0	3.6	Received	0 [0]	0	8.5	ON	ON	Active	Neutral
EA0002C0	3.8	Received	0 [0]	0	8.5	ON	ON	Active	Neutral
EA0002D0	4.0	Received	0 [0]	0	8.5	ON	ON	Active	Neutral
EA0002E0	4.2	Received	0 [0]	0	8.5	ON	OFF	Active	Neutral
EA0002F0	4.4	Received	0 [0]	0	8.5	ON	OFF	Active	Neutral
EA000300	4.6	Received	1.7 [2.7]	0	8.5	ON	OFF	Active	Neutral
EA000310	4.8	Received	1.2 [1.9]	0	8.5	ON	OFF	Active	Not Neutral
EA000320	5.0	Received	.9 [1.4]	0	8.5	ON	OFF	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)
EA000330	-20.2	Not Reverse	OFF	1997.5	81	38	Not Active	Not Active	63.75
EA000340	-20.0	Not Reverse	OFF	1993.25	57	21	Not Active	Not Active	63.75
EA000350	-19.8	Not Reverse	OFF	2004	38	8	Not Active	Not Active	63.75
EA000360	-19.6	Not Reverse	OFF	1993	34	5	Not Active	Not Active	63.75
EA000370	-19.4	Not Reverse	OFF	1992.25	28	1	Not Active	Not Active	63.75
EA000380	-19.2	Not Reverse	OFF	2034.5	21	-3	Not Active	Not Active	63.75
EA000390	-19.0	Not Reverse	OFF	2075.25	30	2	Not Active	Not Active	63.75
EA0003A0	-18.8	Not Reverse	OFF	2052.5	28	1	Not Active	Not Active	63.75
EA0003B0	-18.6	Not Reverse	OFF	2062.25	34	5	Not Active	Not Active	63.75
EA0003C0	-18.4	Not Reverse	OFF	2051	37	7	Not Active	Not Active	63.75
EA0003D0	-18.2	Not Reverse	OFF	2016.5	23	-2	Not Active	Not Active	63.75
EA0003E0	-18.0	Not Reverse	OFF	2073.5	38	8	Not Active	Not Active	63.75
EA0003F0	-17.8	Not Reverse	OFF	2069.25	47	14	Not Active	Not Active	63.75
EA000400	-17.6	Not Reverse	OFF	2050.5	46	13	Not Active	Not Active	63.75
EA000410	-17.4	Not Reverse	OFF	2048.75	46	13	Not Active	Not Active	63.75
EA000420	-17.2	Not Reverse	OFF	2048.25	48	15	Not Active	Not Active	63.75
EA000430	-17.0	Not Reverse	OFF	2046.75	51	17	Not Active	Not Active	63.75
EA000440	-16.8	Not Reverse	OFF	2058.25	58	22	Not Active	Not Active	63.75
EA000450	-16.6	Not Reverse	OFF	2076.25	65	27	Not Active	Not Active	63.75
EA000460	-16.4	Not Reverse	OFF	2087.75	73	32	Not Active	Not Active	63.75
EA000470	-16.2	Not Reverse	OFF	2101	80	37	Not Active	Not Active	63.75
EA000480	-16.0	Not Reverse	OFF	2121.25	92	46	Not Active	Not Active	63.75
EA000490	-15.8	Not Reverse	OFF	2186.25	130	74	Not Active	Not Active	63.75
EA0004A0	-15.6	Not Reverse	OFF	2133.25	138	78	Not Active	Not Active	63.75
EA0004B0	-15.4	Not Reverse	OFF	2027.5	151	87	Not Active	Not Active	63.75
EA0004C0	-15.2	Not Reverse	OFF	1901.25	153	89	Not Active	Not Active	63.75
EA0004D0	-15.0	Not Reverse	OFF	1898.25	152	88	Not Active	Not Active	63.75
EA0004E0	-14.8	Not Reverse	OFF	1895.5	158	92	Not Active	Not Active	63.75
EA0004F0	-14.6	Not Reverse	OFF	1902.5	176	105	Not Active	Not Active	63.75
EA000500	-14.4	Not Reverse	OFF	1890.5	196	118	Not Active	Not Active	63.75
EA000510	-14.2	Not Reverse	OFF	1899.75	200	121	Not Active	Not Active	63.75
EA000520	-14.0	Not Reverse	OFF	1896.5	215	131	Not Active	Not Active	63.75
EA000530	-13.8	Not Reverse	OFF	1894.5	222	137	Not Active	Not Active	63.75
EA000540	-13.6	Not Reverse	OFF	1902	244	152	Not Active	Not Active	63.75
EA000550	-13.4	Not Reverse	OFF	1898.25	251	157	Not Active	Not Active	63.75
EA000560	-13.2	Not Reverse	OFF	1898.75	254	159	Not Active	Not Active	63.75
EA000570	-13.0	Not Reverse	OFF	1907.5	266	167	Not Active	Not Active	63.75
EA000580	-12.8	Not Reverse	OFF	1908.25	277	175	Not Active	Not Active	63.75
EA000590	-12.6	Not Reverse	OFF	1898	278	175	Not Active	Not Active	63.75
EA0005A0	-12.4	Not Reverse	OFF	1912	278	176	Not Active	Not Active	63.75
EA0005B0	-12.2	Not Reverse	OFF	1911	279	176	Not Active	Not Active	63.75
EA0005C0	-12.0	Not Reverse	OFF	1906.25	278	176	Not Active	Not Active	63.75
EA0005D0	-11.8	Not Reverse	OFF	1915.25	276	174	Not Active	Not Active	63.75
EA0005E0	-11.6	Not Reverse	OFF	1919.5	274	173	Not Active	Not Active	63.75
EA0005F0	-11.4	Not Reverse	OFF	1918	277	175	Not Active	Not Active	63.75
EA000600	-11.2	Not Reverse	OFF	1924.75	275	173	Not Active	Not Active	63.75
EA000610	-11.0	Not Reverse	OFF	1918.25	278	176	Not Active	Not Active	63.75
EA000620	-10.8	Not Reverse	OFF	1918	275	173	Not Active	Not Active	63.75
EA000630	-10.6	Not Reverse	OFF	1915.75	278	175	Not Active	Not Active	63.75
EA000640	-10.4	Not Reverse	OFF	1919	279	176	Not Active	Not Active	63.75
EA000650	-10.2	Not Reverse	OFF	1914.75	277	175	Not Active	Not Active	63.75
EA000660	-10.0	Not Reverse	OFF	1915.5	279	176	Not Active	Not Active	63.75
EA000670	-9.8	Not Reverse	OFF	1915.25	266	167	Not Active	Not Active	63.75
EA000680	-9.6	Not Reverse	OFF	1909.5	271	170	Not Active	Not Active	63.75
EA000690	-9.4	Not Reverse	OFF	1912.75	268	168	Not Active	Not Active	63.75
EA0006A0	-9.2	Not Reverse	OFF	1917.5	269	169	Not Active	Not Active	63.75
EA0006B0	-9.0	Not Reverse	OFF	1903.75	268	168	Not Active	Not Active	63.75
EA0006C0	-8.8	Not Reverse	OFF	1912.25	269	169	Not Active	Not Active	63.75
EA0006D0	-8.6	Not Reverse	OFF	1900.5	271	170	Not Active	Not Active	63.75
EA0006E0	-8.4	Not Reverse	OFF	1904.5	270	170	Not Active	Not Active	63.75
EA0006F0	-8.2	Not Reverse	OFF	1906.75	271	171	Not Active	Not Active	63.75
EA000700	-8.0	Not Reverse	OFF	1903	270	170	Not Active	Not Active	63.75
EA000710	-7.8	Not Reverse	OFF	1900.25	272	171	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)
EA000720	-7.6	Not Reverse	OFF	1905	269	169	Not Active	Not Active	63.75
EA000730	-7.4	Not Reverse	OFF	1898.5	272	171	Not Active	Not Active	63.75
EA000740	-7.2	Not Reverse	OFF	1902.25	270	170	Not Active	Not Active	63.75
EA000750	-7.0	Not Reverse	OFF	1904.5	272	171	Not Active	Not Active	63.75
EA000760	-6.8	Not Reverse	OFF	1904	270	170	Not Active	Not Active	63.75
EA000770	-6.6	Not Reverse	OFF	1905	271	170	Not Active	Not Active	63.75
EA000780	-6.4	Not Reverse	OFF	1908.25	273	172	Not Active	Not Active	63.75
EA000790	-6.2	Not Reverse	OFF	1905.75	273	172	Not Active	Not Active	63.75
EA0007A0	-6.0	Not Reverse	OFF	1902.25	273	172	Not Active	Not Active	63.75
EA0007B0	-5.8	Not Reverse	OFF	1908.5	273	172	Not Active	Not Active	63.75
EA0007C0	-5.6	Not Reverse	OFF	1898.75	273	172	Not Active	Not Active	63.75
EA0007D0	-5.4	Not Reverse	OFF	1915.25	273	172	Not Active	Not Active	63.75
EA0007E0	-5.2	Not Reverse	OFF	1895.5	271	171	Not Active	Not Active	63.75
EA0007F0	-5.0	Not Reverse	OFF	1899	269	169	Not Active	Not Active	63.75
EA000010	-4.8	Not Reverse	OFF	1906.25	268	168	Not Active	Not Active	63.75
EA000020	-4.6	Not Reverse	OFF	1900.25	270	169	Not Active	Not Active	63.75
EA000030	-4.4	Not Reverse	OFF	1910.25	271	170	Not Active	Not Active	63.75
EA000040	-4.2	Not Reverse	OFF	1917	269	169	Not Active	Not Active	63.75
EA000050	-4.0	Not Reverse	OFF	1918.25	272	171	Not Active	Not Active	63.75
EA000060	-3.8	Not Reverse	OFF	2071.5	113	60	Active	Not Active	63.75
EA000070	-3.6	Not Reverse	OFF	1975	26	0	Active	Not Active	63.75
EA000080	-3.4	Not Reverse	OFF	1860.5	15	-7	Active	Not Active	63.75
EA000090	-3.2	Not Reverse	OFF	1785	15	-7	Active	Not Active	63.75
EA0000A0	-3.0	Not Reverse	OFF	1791	16	-6	Active	Not Active	63.75
EA0000B0	-2.8	Not Reverse	OFF	1760.5	18	-5	Active	Not Active	63.75
EA0000C0	-2.6	Not Reverse	OFF	1690	15	-6	Active	Not Active	63.75
EA0000D0	-2.4	Not Reverse	OFF	1613	12	-8	Active	Not Active	63.75
EA0000E0	-2.2	Not Reverse	OFF	1597.75	4	-13	Active	Not Active	63.75
EA0000F0	-2.0	Not Reverse	OFF	1508.25	0	-16	Active	Not Active	63.75
EA000100	-1.8	Not Reverse	OFF	1397.5	-2	-18	Active	Not Active	63.75
EA000110	-1.6	Not Reverse	OFF	1264.25	-3	-17	Active	Not Active	63.75
EA000120	-1.4	Not Reverse	OFF	1078.5	-1	-15	Active	Not Active	63.75
EA000130	-1.2	Not Reverse	OFF	974.25	3	-10	Active	Not Active	63.75
EA000140	-1.0	Not Reverse	OFF	887.25	10	-4	Active	Not Active	63.75
EA000150	-0.8	Not Reverse	OFF	780.75	18	4	Active	Not Active	63.75
EA000160	-0.6	Not Reverse	OFF	702.25	26	13	Active	Not Active	63.75
EA000170	-0.4	Not Reverse	OFF	637.5	32	94	Active	Not Active	63.75
EA000180	-0.2	Not Reverse	OFF	612	57	265	Active	Not Active	63.75
EA000190	0.0	Not Reverse	OFF	837.75	207	943	Active	Not Active	63.75
EA0001A0	0.2	Not Reverse	OFF	740	66	153	Not Active	Not Active	63.75
EA0001B0	0.4	Not Reverse	OFF	457.25	47	93	Not Active	Not Active	63.75
EA0001C0	0.6	Not Reverse	OFF	314.75	51	121	Active	Not Active	63.75
EA0001D0	0.8	Not Reverse	OFF	204.5	71	224	Active	Not Active	63.75
EA0001E0	1.0	Not Reverse	OFF	204.5	71	246	Active	Not Active	63.75
EA0001F0	1.2	Not Reverse	OFF	0	71	303	Active	Not Active	63.75
EA000200	1.4	Not Reverse	OFF	0	76	402	Active	Not Active	63.75
EA000210	1.6	Not Reverse	OFF	0	293	1751	Active	Not Active	63.75
EA000220	1.8	Not Reverse	OFF	0	293	1747	Active	Not Active	63.75
EA000230	2.0	Not Reverse	OFF	0	293	1747	Active	Not Active	63.75
EA000240	2.2	Not Reverse	OFF	0	293	1747	Active	Not Active	63.75
EA000250	2.4	Not Reverse	OFF	0	293	1748	Active	Not Active	63.75
EA000260	2.6	Not Reverse	OFF	0	293	1748	Active	Not Active	63.75
EA000270	2.8	Not Reverse	OFF	0	293	1748	Active	Not Active	63.75
EA000280	3.0	Not Reverse	OFF	0	293	1748	Active	Not Active	63.75
EA000290	3.2	Not Reverse	OFF	0	293	1748	Active	Not Active	63.75
EA0002A0	3.4	Not Reverse	OFF	0	293	1748	Active	Not Active	63.75
EA0002B0	3.6	Not Reverse	OFF	0	293	1747	Active	Not Active	63.75
EA0002C0	3.8	Not Reverse	OFF	0	293	1747	Active	Not Active	63.75
EA0002D0	4.0	Not Reverse	OFF	0	293	1747	Active	Not Active	63.75
EA0002E0	4.2	Not Reverse	OFF	0	293	1747	Active	Not Active	63.75
EA0002F0	4.4	Not Reverse	OFF	0	293	1747	Active	Not Active	63.75
EA000300	4.6	Not Reverse	OFF	0	293	1745	Active	Not Active	63.75
EA000310	4.8	Not Reverse	OFF	0	293	1746	Active	Not Active	63.75
EA000320	5.0	Not Reverse	OFF	0	293	1746	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:   34 4D 32 5A 55 36 36 57 35 34 55 2A 2A 2A 2A 2A
0000100D0:   2A FF FF FF

000010046:   4A 4D 41 4A 45 42 33 2E 48 45 58 2A

000010054:   34 55 37 41 48 59 42 2A

0EA000000:   0C 01 90 63 00 00 00 00 00 00 00 00 00 00 00
0EA000010:   46 04 C8 1D C9 03 0C 20 01 02 A8 00 F8 FF 00 37
0EA000020:   42 04 C8 1D B1 03 0E 20 04 02 A9 00 F8 FF 00 4D
0EA000030:   40 04 C8 1D D9 03 0F 20 22 02 AA 00 F8 FF 00 07
0EA000040:   3C 04 C8 1D F4 03 0D 20 36 02 A9 00 F8 FF 00 DF
0EA000050:   1B 04 7C 1D F9 03 10 20 59 02 AB 00 F8 FF 00 1F
0EA000060:   00 05 15 20 5E 02 71 1F FF 02 3C 00 05 FF 00 95
0EA000070:   00 07 15 1E DC 02 1A 1F 83 02 00 00 05 FF 00 26
0EA000080:   00 07 15 1D 12 02 0F 1E 5F 01 F9 00 05 FF 00 29
0EA000090:   00 07 15 1B E4 02 0F 1D 55 01 F9 00 05 FF 00 64
0EA0000A0:   00 07 15 1B FC 02 10 1C 93 01 FA 00 05 FF 00 0D
0EA0000B0:   00 07 15 1B 82 02 12 1C CC 01 FB 00 05 FF 00 4B
0EA0000C0:   00 07 13 1A 68 02 0F 1B 5C 01 FA 00 05 FF 00 DD
0EA0000D0:   00 07 12 19 34 02 0C 1A 7C 01 F8 00 05 FF 00 F9
0EA0000E0:   00 07 10 18 F7 02 04 19 AC 01 F3 00 05 FF 00 17
0EA0000F0:   00 07 0F 17 91 02 00 18 18 01 F0 00 05 FF 00 1B
0EA000100:   00 07 0D 15 D6 01 FE 16 64 01 EE 00 05 FF 00 95
0EA000110:   00 07 0C 13 C1 01 FD 14 3C 01 EF 00 05 FF 00 D7
0EA000120:   00 07 0B 10 DA 01 FF 11 81 01 F1 00 05 FF 00 7C
0EA000130:   00 07 0A 0F 39 02 03 0E E2 01 F6 00 05 FF 00 B7
0EA000140:   00 07 0A 0D DD 02 0A 0C 62 01 FC 00 05 FF 00 8A
0EA000150:   00 07 09 0C 33 02 12 0A 28 02 04 00 05 FF 00 61
0EA000160:   00 07 08 0A F9 02 1A 07 B1 02 0D 00 05 FF 00 07
0EA000170:   01 07 08 09 F6 02 20 04 7F 02 5E 00 05 FF 00 E8
0EA000180:   B0 07 1A 09 90 02 39 00 B5 03 09 00 05 FF 00 96
0EA000190:   00 07 0A 0D 17 02 CF 03 AC 05 AF 00 05 FF 00 93
0EA0001A0:   00 05 09 0B 90 02 42 08 13 02 99 01 F8 FF 00 65
0EA0001B0:   00 04 09 07 25 02 2F 07 B0 02 5D 01 F8 FF 00 88
0EA0001C0:   00 05 09 04 EB 02 33 07 4C 02 79 01 05 FF 00 FB
0EA0001D0:   00 07 0E 03 32 02 47 06 51 02 E0 01 05 FF 00 2F
0EA0001E0:   00 07 15 03 32 02 47 05 42 02 F6 01 05 FF 00 22
0EA0001F0:   00 03 15 00 00 02 47 04 BE 03 2F 01 05 FF 00 A6
0EA000200:   00 03 00 00 00 02 4C 00 81 03 92 01 05 FF 00 94
0EA000210:   00 03 00 00 00 03 25 00 00 08 D7 01 05 FF 00 F1
0EA000220:   00 01 12 00 00 03 25 00 00 08 D3 01 05 FF 00 E5
0EA000230:   00 01 12 00 00 03 25 00 00 08 D3 01 05 FF 00 E5
0EA000240:   00 01 12 00 00 03 25 00 00 08 D3 01 05 FF 00 E5
0EA000250:   00 01 11 00 00 03 25 00 00 08 D4 01 05 FF 00 E5
0EA000260:   00 01 11 00 00 03 25 00 00 08 D4 01 05 FF 00 E5
0EA000270:   00 03 11 00 00 03 25 00 00 08 D4 01 05 FF 00 E3
0EA000280:   00 03 11 00 00 03 25 00 00 08 D4 01 05 FF 00 E3
0EA000290:   00 03 11 00 00 03 25 00 00 08 D4 01 05 FF 00 E3
0EA0002A0:   00 03 11 00 00 03 25 00 00 08 D4 01 05 FF 00 E3
0EA0002B0:   00 03 11 00 00 03 25 00 00 08 D3 01 05 FF 00 E4
0EA0002C0:   00 03 11 00 00 03 25 00 00 08 D3 01 05 FF 00 E4
0EA0002D0:   00 03 11 00 00 03 25 00 00 08 D3 01 05 FF 00 E4
0EA0002E0:   00 01 11 00 00 03 25 00 00 08 D3 01 05 FF 00 E6
0EA0002F0:   00 01 11 00 00 03 25 00 00 08 D3 01 05 FF 00 E6
0EA000300:   00 01 11 00 00 03 25 00 DD 08 D1 01 05 FF 00 0B
0EA000310:   00 05 11 00 00 03 25 00 95 08 D2 01 05 FF 00 4E
0EA000320:   00 05 11 00 00 03 25 00 74 08 D2 01 05 FF 00 6F
0EA000330:   14 04 1A 1F 36 02 51 21 A1 02 26 00 F8 FF 00 45
0EA000340:   0E 04 15 1F 25 02 39 21 97 02 15 00 F8 FF 00 94
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0EA000350:   0E 04 15 1F 50 02 26 21 B2 02 08 00 F8 FF 00 6E
0EA000360:   0D 04 15 1F 24 02 22 21 97 02 05 00 F8 FF 00 BD
0EA000370:   0B 04 13 1F 21 02 1C 21 85 02 01 00 F8 FF 00 E0
0EA000380:   0F 04 16 1F CA 02 15 21 68 01 FD 00 F8 FF 00 59
0EA000390:   0D 04 15 20 6D 02 1E 21 39 02 02 00 F8 FF 00 D8
0EA0003A0:   0E 04 15 20 12 02 1C 21 79 02 01 00 F8 FF 00 F5
0EA0003B0:   10 04 18 20 39 02 22 21 48 02 05 00 F8 FF 00 F0
0EA0003C0:   0B 04 14 20 0C 02 25 21 1E 02 07 00 F8 FF 00 4B
0EA0003D0:   10 04 16 1F 82 02 17 21 36 01 FE 00 F8 FF 00 CF
0EA0003E0:   12 04 19 20 66 02 26 21 0B 02 08 00 F8 FF 00 F6
0EA0003F0:   10 04 18 20 56 02 2F 20 F0 02 0E 00 F8 FF 00 16
0EA000400:   11 04 18 20 0A 02 2E 20 D6 02 0D 00 F8 FF 00 7D
0EA000410:   12 04 18 20 03 02 2E 20 B8 02 0D 00 F8 FF 00 A1
0EA000420:   12 04 19 20 01 02 30 20 B4 02 0F 00 F8 FF 00 A2
0EA000430:   13 04 19 1F FB 02 33 20 94 02 11 00 F8 FF 00 C3
0EA000440:   16 04 1B 20 29 02 3A 20 6E 02 16 00 F8 FF 00 A9
0EA000450:   16 04 1C 20 71 02 41 20 6D 02 1B 00 F8 FF 00 55
0EA000460:   18 04 1D 20 9F 02 49 20 54 02 20 00 F8 FF 00 30
0EA000470:   19 04 1E 20 D4 02 50 20 5D 02 25 00 F8 FF 00 E4
0EA000480:   1E 04 22 21 25 02 5C 20 32 02 2E 00 F8 FF 00 9F
0EA000490:   20 04 24 22 29 02 82 20 27 02 4A 00 F8 FF 00 5F
0EA0004A0:   22 04 24 21 55 02 8A 20 1A 02 4E 00 F8 FF 00 33
0EA0004B0:   23 04 24 1F AE 02 97 1F FD 02 57 00 F8 FF 00 E3
0EA0004C0:   23 04 23 1D B5 02 99 20 0F 02 59 00 F8 FF 00 C8
0EA0004D0:   25 04 24 1D A9 02 98 1F F4 02 58 00 F8 FF 00 EF
0EA0004E0:   27 04 25 1D 9E 02 9E 1F F4 02 5C 00 F8 FF 00 ED
0EA0004F0:   2C 04 2A 1D BA 02 B0 1F ED 02 69 00 F8 FF 00 AF
0EA000500:   2D 04 2A 1D 8A 02 C4 1F DE 02 76 00 F8 FF 00 CC
0EA000510:   2E 04 2C 1D AF 02 C8 1F E8 02 79 00 F8 FF 00 93
0EA000520:   30 04 31 1D A2 02 D7 1F E3 02 83 00 F8 FF 00 85
0EA000530:   30 04 32 1D 9A 02 DE 1F E8 02 89 00 F8 FF 00 7A
0EA000540:   35 04 47 1D B8 02 F4 20 07 02 98 00 F8 FF 00 FD
0EA000550:   35 04 4D 1D A9 02 FB 1F DB 02 9D 00 F8 FF 00 27
0EA000560:   34 04 41 1D AB 02 FE 20 08 02 9F 00 F8 FF 00 FF
0EA000570:   39 04 68 1D CE 03 0A 20 0B 02 A7 00 F8 FF 00 98
0EA000580:   3F 04 C3 1D D1 03 15 20 06 02 AF 00 F8 FF 00 26
0EA000590:   3F 04 C8 1D A8 03 16 20 01 02 AF 00 F8 FF 00 4E
0EA0005A0:   3F 04 C8 1D E0 03 16 20 19 02 B0 00 F8 FF 00 FD
0EA0005B0:   41 04 C8 1D DC 03 17 20 15 02 B0 00 F8 FF 00 02
0EA0005C0:   41 04 C8 1D C9 03 16 20 27 02 B0 00 F8 FF 00 04
0EA0005D0:   41 04 C8 1D ED 03 14 20 36 02 AE 00 F8 FF 00 D5
0EA0005E0:   43 04 C8 1D FE 03 12 20 3B 02 AD 00 F8 FF 00 C0
0EA0005F0:   45 04 C8 1D F8 03 15 20 36 02 AF 00 F8 FF 00 C4
0EA000600:   48 04 C8 1E 13 03 13 20 3C 02 AD 00 F8 FF 00 A3
0EA000610:   4A 04 C8 1D F9 03 16 20 4A 02 B0 00 F8 FF 00 A8
0EA000620:   4A 04 C8 1D F8 03 13 20 40 02 AD 00 F8 FF 00 B9
0EA000630:   4B 04 C8 1D EF 03 16 20 46 02 AF 00 F8 FF 00 B6
0EA000640:   4B 04 C8 1D FC 03 17 20 48 02 B0 00 F8 FF 00 A5
0EA000650:   4B 04 C8 1D EB 03 15 20 3F 02 AF 00 F8 FF 00 C2
0EA000660:   4B 04 C8 1D EE 03 17 20 37 02 B0 00 F8 FF 00 C4
0EA000670:   4B 04 C8 1D ED 03 0A 20 42 02 A7 00 F8 FF 00 D0
0EA000680:   4B 04 C8 1D D6 03 0F 20 1A 02 AA 00 F8 FF 00 07
0EA000690:   4C 04 C8 1D E3 03 0C 20 25 02 A8 00 F8 FF 00 F3
0EA0006A0:   4C 04 C8 1D F6 03 0D 20 29 02 A9 00 F8 FF 00 DA
0EA0006B0:   4B 04 C8 1D BF 03 0C 20 19 02 A8 00 F8 FF 00 24
0EA0006C0:   4C 04 C8 1D E1 03 0D 20 17 02 A9 00 F8 FF 00 01
0EA0006D0:   4B 04 C8 1D B2 03 0F 20 16 02 AA 00 F8 FF 00 2F
0EA0006E0:   4C 04 C8 1D C2 03 0E 20 1B 02 AA 00 F8 FF 00 1A
0EA0006F0:   4D 04 C8 1D CB 03 0F 20 04 02 AB 00 F8 FF 00 25
0EA000700:   4D 04 C8 1D BC 03 0E 1F FF 02 AA 00 F8 FF 00 3C
0EA000710:   4D 04 C8 1D B1 03 10 20 06 02 AB 00 F8 FF 00 3C
0EA000720:   4D 04 C8 1D C4 03 0D 20 08 02 A9 00 F8 FF 00 2C
0EA000730:   4E 04 C8 1D AA 03 10 1F FA 02 AB 00 F8 FF 00 4F
0EA000740:   4E 04 C8 1D B9 03 0E 20 12 02 AA 00 F8 FF 00 2A
0EA000750:   4E 04 C8 1D C2 03 10 20 15 02 AB 00 F8 FF 00 1B
0EA000760:   4D 04 C8 1D C0 03 0E 20 09 02 AA 00 F8 FF 00 2D
0EA000770:   4D 04 C8 1D C4 03 0F 20 07 02 AA 00 F8 FF 00 2A
0EA000780:   4D 04 C8 1D D1 03 11 20 09 02 AC 00 F8 FF 00 17
0EA000790:   4D 04 C8 1D C7 03 11 20 05 02 AC 00 F8 FF 00 25
0EA0007A0:   4D 04 C8 1D B9 03 11 20 12 02 AC 00 F8 FF 00 26
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0EA0007B0:   4C 04 C8 1D D2 03 11 20 0B 02 AC 00 F8 FF 00 15
0EA0007C0:   4B 04 C8 1D AB 03 11 20 11 02 AC 00 F8 FF 00 37
0EA0007D0:   4B 04 C8 1D ED 03 11 20 17 02 AC 00 F8 FF 00 EF
0EA0007E0:   49 04 C8 1D 9E 03 0F 1F F3 02 AB 00 F8 FF 00 68
0EA0007F0:   47 04 C8 1D AC 03 0D 1F F2 02 A9 00 F8 FF 00 61
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