

Evaporative/Refueling System Information (EvSI) Input Data Record Layout

Field Name	R e c o r d T y p e	Transaction Type							P o s i t i o n	L e n g t h	D a t a T y p e	Valid Range/Entry Criteria
		A d d	M o d i f y	R e p l a c e	D e l e t e	R e p o r t	C a n c e l	R e a c t i v a t e				
Input Record Type	P1	R	R	R	R	R			1-2	2	A	P1
Process Code	P1	R	R	R	R	R			3-3	1	A	For Add: 'A' or blank - '' For Modify: 'M' For Replace: 'R' For Delete: 'D' For Report: 'P' For Cancel: 'F' For Reactivate: 'G'
Evaporative/Refueling Family Name	P1	R	R	R	R	R			5-16	12	A	Valid EVAPORATIVE/REFUELING FAMILY NAME
Evaporative System Number	P1	R	R	R	R	R			18-19	2	I	01-99
Fuel Induction Indicator Code	P1	X							21-21	1	I	Note: Default is '2'. 1 - Carbureted 2 - Fuel Injection
Vapor Storage System	P1	X							23-23	1	A	Note: Field required on an Add Transaction if no Evaporative Family Systems exist for the Evaporative Family. 0 - None 1 - Canister 2 - Crankcase 3 - Air Cleaner 4 - Canister and Crankcase 5 - Crankcase and Air Cleaner 6 - Canister and Air Cleaner 7 - Canister, Crankcase and Air Cleaner
Input Record Type OBSOLETE	PF	R		R	R				1-2	2	A	OBSOLETE The PF Record has been removed. This Record is no longer required and should not be submitted.
Input Record Type	PM	R		R	R				1-2	2	A	PM

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		A d d	M o d i f y	R e p l a c e	D e l e t e	R e p o r t	C a n c e l	R e a c t i v a t e				
Field Process Code	PM	X		R	R				3-3	1	A	For Add: 'A' or blank - '' For Replace: 'R' For Delete: 'D'
Fuel Type	PM	R		R	R				5-7	3	A	G - Gasoline D - Diesel M - Methanol E - Ethanol C - Compressed Natural Gas (1994-1997) L - Liquid Petroleum Gas (1994-1997) CNG - Compressed Natural Gas (1998 & later) LNG - Liquefied Natural Gas LPG - Liquid Petroleum Gas (1998 & later) N - Not Applicable
Fuel Tank Material	PM	X		X					9-80	72	A	Note: Manufacturer should use this text field to indicate the type of fuel tank material: plastic, metal or combined. A Modify transaction will append to end of existing fuel tank material text. Multiple input records are allowed. Text
Input Record Type OBSOLETE	PD	R			R				1-2	2	A	OBSOLETE The PD Record has been removed. This Record is no longer required and should not be submitted.
Input Record Type	PE	R			R				1-2	2	A	PE
EVERC Process Code	PE	X			R				3-3	1	A	For Add: 'A' or blank - '' For Delete: 'D'

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		A d d	M o d i f y	R e p l a c e	D e l e t e	R e p o r t	C a n c e l	R e a c t i v a t e					
EVERC Code (Evap/Refueling Emission Related Components)	PE	R			R					5-6	2	I	61 - Electronic Controls - Analog 62 - Electronic Controls - Digital 63 - Purge Valve 71 - Canister Location - Front of Vehicle 72 - Canister Location - Middle of Vehicle 73 - Canister Location - Rear of Vehicle 74 - ORVR - Integrated Evap/Refueling System 75 - ORVR - Non-Integrated Evap/Refueling System 76 - ORVR - Liquid Seal Fuel Tank Fill Pipe 77 - ORVR - Mechanical Seal Fuel Tank Fill Pipe 99 - Other
Input Record Type	PC	R	R	R						1-2	2	A	PC
Comment	PC	X	X	X						3-80	78	A	<i>Note:</i> Comment text is appended to the end of any existing comment text for Evaporative Family System. Text
EOT Input Record Type Code	ZZ	R	R	R	R	R	R	R	R	1-2	2	A	ZZ - End of Transaction
Input Record Type	P2	R	R	R	R	R	R	R	R	1-2	2	A	P2
Process Code	P2	R	R	R	R	R	R	R	R	3-3	1	A	For <i>Add</i> : 'A' or blank - '' For <i>Modify</i> : 'M' For <i>Replace</i> : 'R' For <i>Delete</i> : 'D' For <i>Report</i> : 'P' For <i>Cancel</i> : 'F' For <i>Reactivate</i> : 'G'
Evaporative/Refueling Family Name	P2	R	R	R	R	R	R	R	R	5-16	12	A	Valid EVAPORATIVE/REFUELING FAMILY NAME

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Field Name	R e c o r d T y p e	Transaction Type								P o s i t i o n	L e n g t h	D a t a T y p e	Valid Range/Entry Criteria
		A d d	M o d i f y	R e p l a c e	D e l e t e	R e p o r t	C a n c e l	R e a c t i v a t e	R e a c t i v a t e				
Evaporative System Number	P2	R	R	R	R	R	R	R	R	18-19	2	I	01-99
Evaporative Subsystem Number	P2	R	R	R	R	R	R	R	R	21-21	1	I	1-9
Model Year	P2	X	X	X						23-26	4	I	<i>Note:</i> Defaults Model Year is derived from Evaporative Family Name. 1970-2100
Sales Area Code	P2	R		R						28-29	2	A	CA - California + 177 States (includes California Tier 1, TLEV-I, LEV-I, ULEV-I, SULEV-I, LEV-II, LEV-II Opt I, ULEV-II, SULEV-II and ZEV vehicles) FA - Federal Tier 2 (Bins 1-11); Federal Interim Non-Tier 2 (Bins 1-11); Federal All Altitude (Tier 1 for LDV, LLDT; Tier 1, LEV or ULEV, for HLDT, which becomes obsolete in 2004 for all except small volume hardship vehicles and HLDTs certified via 86.1811-04(1)(2)(vii); obsolete in 2005 for all vehicles). NL - NLEV - All States Trading Region (TLEV, LEV, ULEV, ZEV). May be used in combination with FA Tier 2 (Bins 1-11) for early Tier 2 credits or with FA Interim Non-Tier 2 (Bin 1-11); obsolete in 2004. CF - Federal Clean Fueled Fleet Areas (LEV, ULEV, ILEV, ZEV) If Certified to Same Standards: CL - CA + NL (Obsolete in 2004) NF - CA + NL + CF (Obsolete in 2004) FC - Federal and California - Tier 2 only
DF Type (DF Determination Method)	P2	M	X	M						31-31	1	A	EvSI: V, C, Y, E V - Mfr. Determined Evap. Procedure C - Calif. Evap. Procedure Y - Other (Explain in Comments) E - Mfr. Determined Tier 2 Evap. Procedure (Includes Ethanol effects)

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		A d d	M o d i f y	R e p l a c e	D e l e t e	R e p o r t	C a n c e l	R e a c t i v a t e					
GVW Category	P2	R		R						33-38	6	A	LDVT - LDV, LLDT, HLDT <30 Gal. Fuel Tank (Federal or California) HLDT - HLDT \$30 Gal. Fuel Tank (Federal or California) CMDV - HDGV #14,000 Lb. (California) MDPV - Medium Duty Passenger Vehicles ALL - LDV, LDT, MDPV as needed (any combination)
Input Record Type	PS	R	R	R	R					1-2	2	A	PS
Process Code	PS	R	R	R	R					3-3	1	A	For Add: 'A' or blank - ' For Modify: 'M' For Replace: 'R' For Delete: 'D'
Emission Standards Fuel Type Code	PS	R	R	R	R					5-7	3	A	G - Gasoline D - Diesel M - Methanol E - Ethanol C - Compressed Natural Gas (1994-1997) L - Liquid Petroleum Gas (1994-1997) CNG - Compressed Natural Gas (1998 & later) LNG - Liquefied Natural Gas LPG - Liquid Petroleum Gas (1998 & later) N - Not Applicable
Evaporative/Refueling Standard	PS	R		R						9-12	4	A	EXIS - Existing (2 Hour) -- Tier 0 ENHA - Enhanced (2 Day + 3 Day) -- Tier 1 T2 - Federal Tier 2 C2 - California LEV-II ZZ - California LEV-II Zero Evap
Input Record Type	PG	R	R	R	R					1-2	2	A	PG
Process Code	PG	R	R	R	R					3-3	1	A	For Add: 'A' or blank - ' For Modify: 'M' For Replace: 'R' For Delete: 'D'
Useful Life	PG	R	R	R	R					5-7	3	A	000-999, N/A (In Thousands of Miles)

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	R e c o r d T y p e	A d d	M o d i f y	R e p l a c e	D e l e t e	R e p o r t	C a n c e l	R e a c t i v a t e				
Emission Name	PG	R	R	R	R				9-24	16	A	HC-DIURN-EV - Diurnal hydrocarbon emission loss HC-HS-EV - Hot Soak hydrocarbon emission loss HC-TOTAL-EV - Total evaporative hydrocarbon emission loss HC-TEV - Total evaporative hydrocarbon emission loss HC-TEV-2D - Enhanced evap 2-day total evaporative hydrocarbon emission loss HC-TEV-3D - Enhanced evap 3-day total evaporative hydrocarbon emission loss OMHCE-TEV-2D - Enhanced evap 2-day total evaporative organic material hydrocarbon equivalent emission loss OMHCE-TEV-3D - Enhanced evap 3-day total evaporative organic material hydrocarbon equivalent emission loss HC-RL - Running loss HC SPITBACK - Spitback OMHCE-TOTAL-EV - Total evaporative organic nonmethane methane organic material hydrocarbon equivalent emissions loss HC-ORVR - Total ORVR hydrocarbon emission OMHCE-ORVR - Total ORVR organic material hydrocarbon equivalent emission loss OMHCE-TEV - Total evaporative organic OMHCE-RL - Organic running loss
Emission Standard	PG	X	X	X					26-33	8 (7,4)	R	Note: The system shall support the entry of emission standards by the user and may additionally provide default values if EPA has applicable standards. 000.0000 - 999.9999 Business rule error if the value after update is blank or null.

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		A d d	M o d i f y	R e p l a c e	D e l e t e	R e p o r t	C a n c e l	R e a c t i v a t e					
Phase In Percentage OBSOLETE	PG	X	X	X						35-37	3	I	OBSOLETE
Multiplicative DF	PG	X	X	X						39-43	5 (4,3)	R	<i>Note:</i> This field shall be stored in the database as entered by the user, however CFEIS processes that use this field shall use the value 1 when the value entered is less than 1. 0.000-9.999
Additive DF	PG	X	X	X						45-53	9 (7,6)	R	<i>Note:</i> This field shall be stored in the database as entered by the user, however CFEIS processes that use this field shall use the value 0 when the value entered is less than 0. -9.999999 - 9.999999
Input Record Type	PT	R	R	R						1-2	2	A	PT
Comment	PT	X	X	X						3-80	78	A	<i>Note:</i> Comment text is appended to the end of any existing comment text for Evaporative Family Subsystem. Text
EOT Input Record Type Code	ZZ	R	R	R	R	R	R	R	R	1-2	2	A	ZZ - End of Transaction

Transaction Type: R = Required M = Required X = Optional " " = Not Available
 Data Type: A = Alphanumeric D = Date I = Integer R = Real

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