

Summary Sheet Input Data Record Layout

Field Name	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
	R e c o r d T y p e	A d d	R e p l a c e	D e l e t e	R e p o r t	R e p r o c e s s	U p d a t e				
Input Record Type	X1	R	R	R	R	R	R	1-2	2	A	X1
Process Code	X1	R	R	R	R	R	R	3-3	1	A	<i>Note:</i> 'C' is to update conditional certificate code to 2. For <i>Add:</i> 'A' or blank - '' For <i>Replace:</i> 'R' For <i>Delete:</i> 'D' For <i>Report:</i> 'P' For <i>Reprocess:</i> 'S' For <i>Update:</i> 'C' (To be used only after SS has been updated with EPA confirmatory tests subsequent to conditional certificate issuance. "CAP2000 Conditional Certificate" code 2 is to be used with this process code.
Manufacturer Code	X1	R	R				R	4-7	4	I	Valid MANUFACTURER CODE
Engine Family / Test Group Name	X1	R	R	R	R	R	R	9-20	12	A	Valid ENGINE FAMILY/TEST GROUP NAME
Engine System Number	X1	X	X	X		X		22-23	2	I	<i>Note:</i> Default is '01'. 01-99
Summary Sheet Index Number	X1		R	R	R	R	R	25-33	9	A	<i>Note:</i> For add (new) entry, computer will assign. Valid SUMMARY SHEET INDEX Number
Summary Sheet Version Number	X1		X	X	X	X	X	35-36	2	I	<i>Note:</i> Valid Entry is 0 or Blank Defaults to 0 (Zero)
Evaporative/Refueling Family Name	X1	X	X	X		X		38-49	12	A	<i>Note:</i> Leave blank for diesel. Valid EVAPORATIVE/REFUELING FAMILY NAME
Evaporative System Number	X1	X	X	X		X		51-52	2	I	<i>Note:</i> Defaults to '01' if Evaporative Family Name has been entered. 01-99

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Vehicle Type Indicator Code for Summary Sheet	X1	R	R				R	54-56	3	A	LDV - Light Duty Vehicles only. (For this Summary Sheet.) LDT - Light Duty Trucks only. (For this Summary Sheet.) LVT - Both LDVs and LDT1s listed on this Summary Sheet. HDV - Complete Heavy Duty Vehicle (Chassis).
CAP2000 Conditional Certificate	X1	X	X				R	58	1	I	1 - EPA Confirmatory Testing is pending (valid for process code of 'A', blank or 'R') Should only be used if an EPA test waiver request has been submitted to EPA and EPA selected the vehicle for EPA confirmatory testing and the mfr. has an urgent need for the certificate prior to the completion of EPA testing - . ref. 40CFR 86.1835(d). After confirmatory test has been completed, the Summary Sheet should be updated with the EPA test numbers. When the update is complete, this code should be changed to '2' by entering an 'X1' record with the process code 'C' and a 'ZZ' record. (ref. Dear Mfr. Letter VPCD-99-17, page 7). 2 - Confirmatory Test completed and entered. This code should be used with the process code 'C'.
Input Record Type	X2	R	R					1-2	2	A	X2
Manufacturer Code	X2	R	R					4-7	4	I	<i>Note:</i> Default is MANUFACTURER CODE supplied on X1 input record. Valid MANUFACTURER CODE Mfr. Code, Car Line Code, Transmission Type Drive System Code and Overdrive Code used in the General Label Record Type 'G2' have to match the codes used here.

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Division Code	X2	R	R					9-10	2	I	<i>Note:</i> Must be associated with a MANUFACTURER CODE. Valid DIVISION CODE
Car Line Code	X2	R	R					12-14	3	I	Valid CAR LINE CODE
Sales Area Code	X2	R	R					16-17	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

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	R e c o r d T y p e	A d d	R e p l a c e	D e l e t e	R e p o r t	R e p r o c e s s	U p d a t e				
Transmission Type	X2	R	R					19-20	2	A	A3 - No lockup/automatic/3 - speed A4 - No lockup/automatic/4 - speed A5 - No lockup/automatic/5 - speed A6 - No lockup/automatic/6 - speed AV - Automatic variable gear ratios B3 - Both C4 & M3 B4 - Both C5 & M4 C4 - Creeper/Manual 4 - speed C5 - Creeper/Manual 5 - speed L3 - Lockup/automatic/3 - speed L4 - Lockup/automatic/4 - speed L5 - Lockup/automatic/5 - speed L6 - Lockup/automatic/6 - speed M3 - Manual 3 - speed M4 - No creeper/Manual 4 - speed M5 - Manual 5 - speed M6 - Manual 6 - speed S2 - Semi-automatic 2 - speed S3 - Semi-automatic 3 - speed S4 - Semi-automatic 4 - speed S5 - Semi-automatic 5 - speed S6 - Semi-automatic 6 - speed
Drive System Code	X2	R	R					22-22	1	A	R - Rear-wheel Drive F - Front-wheel Drive 4 - 4-wheel Drive
Transmission Overdrive Code	X2	R	R					24-24	1	A	<i>Note:</i> Default is '2' 1 - No Gear Ratio < 1.0 2 - Top Gear Ratio < 1.0
Shift Indicator Light Code	X2	X	X					26-26	1	A	<i>Note:</i> Default is 'N'. (Manual transmission only.) Y, N, <i>blank</i>
Number of Transmission Modes Code	X2	X	X					28-28	1	A	V - Continuously Variable, User-selectable C - Computer Controlled Multiple Gear Ratios 1-9 - Number of Discrete User-selectable Transmission Modes

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	R e c o r d T y p e	A d d	R e p l a c e	D e l e t e	R e p o r t	R e p r o c e s s	U p d a t e				
Variable Lockup Point Code	X2	X	X					30-30	1	A	<i>Note:</i> Default is 'N'. V - Continuously Variable C - Computer Controlled Lock-up 1-9 - Number of Discrete Lock-up RPM Ranges N/blank - No Variable Lock-up Point (Non lock-up transmission)
Declutching/Freewheeling	X2	X	X					32-32	1	A	<i>Note:</i> Default is 'N'. Y - Yes L - Yes, but with lock-out features N/blank - No
Input Record Type	XC	X	X			X		1-2	2	A	XC
Summary Sheet Comments	XC	X	X			X		3-80	78	A	<i>Note:</i> Multiple comment input records permitted. 'Replace' deletes old comments and adds new comments. Text
Input Record Type	XT	R	R					1-2	2	A	XT
Test Number	XT	R	R					4-10	7	I	Valid TEST NUMBER
Vehicle Configuration Number	XT	R	R					12-13	2	I	Valid vehicle configuration number the test is entered against.
EOT Input Record Type Code	ZZ	R	R	R	R	R		1-2	2	A	ZZ - End of Transaction

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