

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: The engine and emission control systems produced by the manufacturer are certified as described below for use in on-road motor vehicles with a manufacturer's GVWR over 14,000 pounds. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY		ENGINE SIZES (L)	FUEL TYPE 1	STANDARDS & TEST	SERVICE	ECS & SPECIAL FEATURES 3	DIAGNOSTIC 6					
	0057/1070			Discol	PROCEDURE	CLASS	DDI, TC, CAC, ECM, EGR, OC,						
2012	CCEXH0729	XAB	11.9	Diesel	Diesel	HHDD	SCR-U, PTOX						
PRIMARY ENGINE'S IDLE			ADDITIONAL IDLE EMISSIONS CONTROL 5										
	30g		N/A										
ENGINE (	(L)		ENGINE MODELS / CODES (rated power, in hp)										
11.9				See attachmen	t for engine m	odels and ra	atings						
L=liter; hp 1 CNG/LI 2 L/M/H H 3 ECS=ei up catalyst TBI=throttle	e-horsepower; kw=k NG=compressed/liqu HDD=light/medium/h mission control syste ; DPF=diesel particu e body fuel injection:	ilowatt; hr lefied natu leavy heav lem; TWC/6 late filter; SFI/MFI=	r=hour; ral gas; LPG=liquef y-duty diesel; UB=u OC=three-way/oxidiz PTOX=periodic trap sequential/multi port	ied petroleum gas; E85=85% ethi rban bus; HDO=heavy duty Otto; zing catalyst; NAC=NOx adsorptic oxidizer; HO2S/O2S=heated/oxy tuel injection; DGI=direct gasolif	anol fuel; MF=mult on catalyst; SCR-L /gen sensor; HAF: le injection; GCAR	ti fuel a.k.a. BF J / SCR-N=seler S/AFS=heated/ B=gaseous car	R 86.abc=Title 40, Code of Federal Regulations =bi fuel; DF=dual fuel; FF=flexible fuel; ctive catalytic reduction – urea / – ammonia; W air-fuel-ratio sensor (a.k.a., universal or linear or fuertor; IDI/DDI=indirect/direct diesel injection;	U (prefix) =warm- xygen sensor); TC/SC=turbo/					
super char- control mod	ger, CAC=charge ai dule; EM=engine mo	r cooler; E dification;	GR / EGR-C=exhau 2 (prefix)=parallel;	ist gas recirculation / cooled EGR; (2) (suffix)=in series; AMOX=am	PAIR/AIR=pulsed nmonia oxidation ca	d/secondary air atalyst	injection; SPL=smoke puff limiter; ECM/PCM=	engine/powertrain					

ESS=engine shutdown system (per 13 CCR 1956.8(a)(6)(A)(1); 30g=30 g/hr NOx (per 13 CCR 1956.8(a)(6)(C); APS =internal combustion auxiliary power system; ALT=alternative method (per 13 CCR 1956.8(a)(6)(D); Exempt=exempted per 13 CCR 1956.8(a)(6)(B) or for CNG/LNG fuel systems; N/A=not applicable (e.g., Otto engines and vehicles); EMD=engine manufacturer diagnostic system (13 CCR 1971); OBD=on-board diagnostic system (13 CCR 1971.1); Following are: 1) the FTP exhaust emission standards, or family emission limit(s) as applicable, under 13 CCR 1956.8;

2) the EURO and NTE limits under the applicable California exhaust emission standards and test procedures for heavyduty diesel engines and vehicles (Test Procedures); and 3) the corresponding certification levels, for this engine family. "Diesel" CO, EURO and NTE certification compliance may have been demonstrated by the manufacturer as provided under the applicable Test Procedures in lieu of testing. (For flexible- and dual-fueled engines, the CERT values in brackets [] are those when tested on conventional test fuel. For multi-fueled engines, the STD and CERT values for default operation permitted in 13 CCR 1956.8 are in parentheses.).

in	NMHC		NOx		NMHC+NOx		со		PM		нсно	
g/bhp-hr	FTP	EURO	FTP	EURO	FTP	EURO	FTP	EURO	FTP	EURO	FTP	EURO
STD	0.14	0.14	0.20	0.20	*	*	15.5	15.5	0.01	0.01	*	*
FEL	*	*	•	*	*	*	*	*.	*	*	*	*
CERT	0.04	0.005	0.12	0.10	*	*	0.00	0.00	0.003	0.002	*	*
NTE	0.21		0.30		*		19.4		0.02		*	

g/bhp-hr=grams per brake horsepower-hour; FTP=Federal Test Procedure; EURO=Euro III European Steady-State Cycle, including RMCSET=ram mode cycle supplemental emissions ting; NTE=Not-to-Exceed; STD=standard or emission test cap; FEL=family emission limit; CERT=certification level; NMHC/HC=non-methane/hydrocarbon; NOx=oxides of nitrogen CO=carbon monoxide; PM=particulate matter; HCHO=formaldehyde;

BE IT FURTHER RESOLVED: Certification to the FEL(s) listed above, as applicable, is subject to the following terms, limitations and conditions. The FEL(s) is the emission level declared by the manufacturer and serves in lieu of an emission standard for certification purposes in any averaging, banking, or trading (ABT) programs. It will be used for determining compliance of any engine in this family and compliance with such ABT programs.

BE IT FURTHER RESOLVED: Except in vehicle applications exempted per 13 CCR 1956.8(a)(6)(B), engines in this engine family certified under 13 CCR 1956.8(a)(6)(C) [30 g/hr NOx] and section 35.B.4 of the incorporated "California Exhaust Emissions Standards and Test Procedures for 2004 and Subsequent Model Heavy-Duty Diesel Engines and Vehicles" (HDDE Test Procedures) adopted Dec. 12, 2002, as last amended Sep. 27, 2010, shall be provided with an approved "Certified Clean Idle" label that shall be affixed to the vehicle into which the engine is installed.

BE IT FURTHER RESOLVED: That the manufacturer has elected to include engine models in this engine family which are identified for "emergency vehicle use only". These "emergency vehicle use only" engines are exempt from requirements imposed pursuant to California law and the regulations adopted pursuant thereto for motor vehicle pollution control devices per California Vehicle Code Section 27156.2. The manufacturer must clearly label these engines for "emergency vehicle use only" on the engines' emission control label.

BE IT FURTHER RESOLVED: For the listed engine models the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR 1965 (emission control labels), 13 CCR 1971 (engine manufacturer diagnostic) and 13 CCR 2035 et seq. (emission control warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

This Executive Order hereby supersedes Executive Order A-021-0573 dated January 18, 2012.

Executed at El Monte, California on this

day of April 2012.

Annette Hebert, Chief
Mobile Source Operations Division

## **Engine Model Summary Template**

Fo#: A-021-0573-1

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Engine Family   1.Engine Code   2.Engine Model   (εκΕ cross)   (for disset only)   (fice flasts only)   (fice f		•	Date: 4-11.		4.Fuel Rate: mm/stroke @ peak HP	5.Fuel Rate: (lbs/hr) @ peak HP	6.Torque @ RPM	7.Fuel Rate: mm/stroke@peak	8.Fuel Rate:	9.Emission Control
ССЕХНО729XAB         3439FR20264         ISX11 9 370         379@1977         211         140         1450@1200         283         115         SCRC, PTOX, PCM, NC           ССЕХНО729XAB         3439FR20265         ISX11 9 370         379@1977         211         140         1350@1200         262         106         SCRC, PTOX, PCM, TC           ССЕХНО729XAB         3439FR20267         ISX11 9 350ST         360@1977         187         125         1450@1200         262         106         SCRC, PTOX, PCM, TC           ССЕХНО729XAB         3439FR20271         ISX11 9 330ST         341@1977         187         125         1350@1200         262         106         SCRC, PTOX, PCM, TC           ССЕХНО729XAB         3439FR20271         ISX11 9 3330         341@1977         187         125         1350@1200         262         106         SCRC, PTOX, PCM, TC           ССЕХНО729XAB         3439FR20272         ISX11 9 330         341@1977         187         125         1250@1200         262         106         SCRC, PTOX, PCM, TC           ССЕХНО729XAB         3439FR20267         ISX11 9 350         341@1977         187         125         1250@1200         261         106         SCRC, PTOX, PCM, TC           ССЕХНО729XAB         3439FR20268	Engine Family	1.Engine Code	2.Engine Model							
ССЕХНО729XAB         3439;R20265         ISX11.9 370         379@1977         211         140         1350@1200         262         106         SGRC, PTOX, PCM, CCCXH0729XAB         3439;R20267         ISX11.9 350ST         360@1977         187         125         1450@1200         283         115         SCRC, PTOX, PCM, TCCCXH0729XAB         3439;R20268         ISX11.9 350         360@1977         187         125         1350@1200         262         106         SCRC, PTOX, PCM, TC         CCCXH0729XAB         3439;R20248         ISX11.9 330ST         341@1977         187         125         1350@1200         262         106         SCRC, PTOX, PCM, TC         CCCEXH0729XAB         3439;R20248         ISX11.9 330         341@1977         187         125         1350@1200         262         106         SCRC, PTOX, PCM, TC         CCCEXH0729XAB         3439;R20274         ISX11.9 330         341@1977         187         125         1250@1200         221         90         SCRC, PTOX, PCM, TC         CCCEXH0729XAB         3439;R20274         ISX11.9 310         319@1977         171         114         1150@1200         221         90         SCRC, PTOX, PCM, TC         CCCEXH0729XAB         3439;R20263         ISX11.9 350V         379@1977         211         140         1450@1200         283         115	form_engine	fa15_EngineCo	fa15_EngineMod	fa15_bhp@rpm	fa15_FR_mmst	fa15_FR_lbshr	fa15_torque@r	fa15_FR_mmto	fa15_FR_lbshrt	fa15_ecd
ССЕХНО729XAB         3439;FR20267         ISX11,9 350ST         360@1977         187         125         1450@1200         283         115         SCRC, PTOX, PCM, TCCCEXH0729XAB         3439;FR20268         ISX11,9 350ST         360@1977         187         125         1350@1200         262         106         SCRC, PTOX, PCM, TCCCEXH0729XAB         3439;FR20271         ISX11,9 330ST         341@1977         187         125         1350@1200         262         106         SCRC, PTOX, PCM, TCCCEXH0729XAB         3439;FR20248         ISX11,9 330ST         341@1977         187         125         1350@1200         262         106         SCRC, PTOX, PCM, TCCCEXH0729XAB         3439;FR20272         ISX11,9 3303         341@1977         187         125         1350@1200         261         106         SCRC, PTOX, PCM, TCCCEXH0729XAB         3439;FR20274         ISX11,9 330         341@1977         171         114         1150@1200         221         90         SCRC, PTOX, PCM, TCCCEXH0729XAB         3439;FR20262         ISX11,9 385V         379@1977         211         140         1450@1200         283         115         SCRC, PTOX, PCM, TCCCEXH0729XAB         3439;FR20269         ISX11,9 350V         341@1977         187         125         1450@1200         283         115         SCRC, PTOX, PCM, TCCCEXH0729XAB         3439;FR20269	CCEXH0729XAB	3439;FR20264	ISX11.9 370	379@1977	211	140	1450@1200	283	115	SCRC, PTOX, PCM, TC
ССЕХНО729XAB         3439;FR20268         ISX11.9 350         360@1977         187         125         1350@1200         262         106         SCRC, PTOX, PCM, TC         CCEXH0729XAB         3439;FR20271         ISX11.9 330ST         341@1977         187         125         1350@1200         262         106         SCRC, PTOX, PCM, TC         CCEXH0729XAB         3439;FR20272         ISX11.9 330         341@1977         187         125         1350@1200         262         106         SCRC, PTOX, PCM, TC         CCEXH0729XAB         3439;FR20272         ISX11.9 330         341@1977         187         125         1250@1200         241         98         SCRC, PTOX, PCM, TC         CCEXH0729XAB         3439;FR20274         ISX11.9 310         319@1977         171         114         1150@1200         221         90         SCRC, PTOX, PCM, TC         CCEXH0729XAB         3439;FR20265         ISX11.9 385V         379@1977         211         140         1350@1200         262         106         SCRC, PTOX, PCM, TC         CCEXH0729XAB         3439;FR20269         ISX11.9 350V         341@1977         187         125         1450@1200         283         115         SCRC, PTOX, PCM, TC         CCEXH0729XAB         3439;FR20269         ISX11.9 350V         341@1977         187         125         1450@1200	CCEXH0729XAB	3439;FR20265	ISX11.9 370	379@1977	211	140	1350@1200	262	106	SCRC, PTOX, PCM, TC
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ССЕХНО729XAB         3439;FR20248         ISX11.9 3330         341@1977         187         125         1350@1200         262         106         SCRC, PTOX, PCM, TC         CCEXH0729XAB         3439;FR20272         ISX11.9 330         341@1977         187         125         1250@1200         241         98         SCRC, PTOX, PCM, TC         CCEXH0729XAB         3439;FR20274         ISX11.9 310         319@1977         171         114         1150@1200         221         90         SCRC, PTOX, PCM, TC         CCEXH0729XAB         3439;FR20262         ISX11.9 385V         379@1977         211         140         1450@1200         283         115         SCRC, PTOX, PCM, TC         CCEXH0729XAB         3439;FR20263         ISX11.9 385V         379@1977         211         140         1450@1200         262         106         SCRC, PTOX, PCM, TC         CCEXH0729XAB         3439;FR20269         ISX11.9 350V         341@1977         187         125         1450@1200         283         115         SCRC, PTOX, PCM, TC         CCEXH0729XAB         3439;FR20269         ISX11.9 350V         341@1977         187         125         1450@1200         262         106         SCRC, PTOX, PCM, TC         CCEXH0729XAB         3439;FR20273         ISX11.9 350V         341@1977         187         125         1450@1200	CCEXH0729XAB	3439;FR20268	ISX11.9 350	360@1977	187	125	1350@1200	262	106	SCRC, PTOX, PCM/TC
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CCEXH0729XAB 3439;FR20262 ISX11.9 385V 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20263 ISX11.9 385V 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20269 ISX11.9 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20270 ISX11.9 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20273 ISX11.9 320V 315@1977 172 115 1150@1200 221 90 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20264 ISX12.370 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20265 ISX12.370 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20267 ISX12.350ST 360@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20268 ISX12.350 360@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20268 ISX12.350 360@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20268 ISX12.330 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20268 ISX12.330 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20271 ISX12.330 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20272 ISX12.330 341@1977 187 125 1250@1200 261 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20274 ISX12.330 341@1977 187 125 1250@1200 261 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20274 ISX12.330 341@1977 187 125 1250@1200 261 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20262 ISX12.350 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20269 ISX12.350 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20269 ISX12.350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20269 ISX12.350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20269 ISX12.350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20269 ISX12.350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR2026	CCEXH0729XAB	3439;FR20272	ISX11.9 330	341@1977	187	125	1250@1200	241	98	SCRC PTOX, PCM, TC
CCEXHO729XAB 3439,FR20263 ISX11.9 385V 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20270 ISX11.9 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20273 ISX11.9 350V 341@1977 172 115 1150@1200 221 90 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20273 ISX11.9 320V 315@1977 172 115 1150@1200 221 90 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20264 ISX12 370 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20265 ISX12 370 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20267 ISX12 350ST 360@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20268 ISX12 350 360@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20268 ISX12 330ST 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20264 ISX12 330ST 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20271 ISX12 330ST 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20272 ISX12 330 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20272 ISX12 330 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20272 ISX12 330 341@1977 187 125 1250@1200 241 98 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20272 ISX12 330 341@1977 187 125 1250@1200 241 98 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20262 ISX12 385V 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20263 ISX12 385V 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20269 ISX12 350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR20269 ISX12 350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439,FR2	CCEXH0729XAB	3439;FR20274	ISX11.9 310	319@1977	171	114	1150@1200	221	- <b>90</b>	SCRC, PTOX, PCM, TC
CCEXHO729XAB 3439;FR20269 ISX11.9 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20273 ISX11.9 350V 341@1977 172 115 1150@1200 221 90 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20273 ISX11.9 320V 315@1977 172 115 1150@1200 221 90 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20264 ISX12 370 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20265 ISX12 370 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20267 ISX12 350ST 360@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20268 ISX12 350 360@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20268 ISX12 350 360@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20268 ISX12 330 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20248 ISX12 330 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20248 ISX12 330 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20272 ISX12 330 341@1977 187 125 1250@1200 261 198 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20274 ISX12 330 341@1977 187 125 1250@1200 241 98 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20262 ISX12 385V 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20262 ISX12 385V 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20269 ISX12 385V 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20269 ISX12 385V 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20269 ISX12 385V 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20269 ISX12 385V 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20269 ISX12 385V 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXHO729XAB 3439;FR20269 I	CCEXH0729XAB	3439;FR20262	ISX11.9 385V	379@1977	211	140	1450@1200	283	115	SCRC, PTOX, POM, TC
CCEXH0729XAB 3439;FR20270 ISX11.9 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20273 ISX11.9 320V 315@1977 172 115 1150@1200 221 90 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20264 ISX12 370 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20265 ISX12 370 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20266 ISX12 370 379@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20268 ISX12 350T 360@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20271 ISX12 330ST 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20274 ISX12 330ST 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20272 ISX12 330 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20272 ISX12 330 341@1977 187 125 1250@1200 261 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20274 ISX12 330 341@1977 187 125 1250@1200 241 98 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20274 ISX12 310 319@1977 171 114 1150@1200 221 90 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20262 ISX12 385V 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20263 ISX12 385V 379@1977 211 140 1450@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20269	CCEXH0729XAB	3439;FR20263	ISX11.9 385V	379@1977	211	140	1350@1200	262	106	SCRC, PTOX, PCM, TC
CCEXH0729XAB 3439;FR20264 ISX12 370 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20265 ISX12 370 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20266 ISX12 370 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20267 ISX12 350ST 360@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20268 ISX12 350 360@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20271 ISX12 330ST 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20271 ISX12 330ST 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20272 ISX12 330 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20272 ISX12 330 341@1977 187 125 1250@1200 261 106 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20272 ISX12 330 341@1977 187 125 1250@1200 241 98 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20274 ISX12 310 319@1977 171 114 1150@1200 221 90 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20262 ISX12 385V 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20263 ISX12 385V 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOX CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOX CCEXH07	CCEXH0729XAB	3439;FR20269	ISX11.9 350V	341@1977	187	125	1450@1200	283	115	SCRC, PTOX, FCM, TC
CCEXH0729XAB 3439;FR20264 ISX12 370 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20265 ISX12 370 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20267 ISX12 350ST 360@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20268 ISX12 350 360@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20271 ISX12 330ST 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20248 ISX12 330S 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20272 ISX12 330 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20272 ISX12 330 341@1977 187 125 1250@1200 241 98 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20274 ISX12 310 319@1977 171 114 1150@1200 221 90 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20262 ISX12 385V 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20263 ISX12 385V 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20260 ISX12 350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20260 ISX12 350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 IS	CCEXH0729XAB	3439;FR20270	ISX11.9 350V	341@1977	187	125	1350@1200	262	106	SCRC, PTOX, PCM, TC
CCEXH0729XAB 3439;FR20265 ISX12 370 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20267 ISX12 350ST 360@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20268 ISX12 350 360@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20271 ISX12 330ST 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20248 ISX12 330 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20272 ISX12 330 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20272 ISX12 330 341@1977 187 125 1250@1200 241 98 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20274 ISX12 310 319@1977 171 114 1150@1200 221 90 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20262 ISX12 385V 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20263 ISX12 385V 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187	CCEXH0729XAB	3439;FR20273	ISX11.9 320V	315@1977	172	115	1150@1200	221	90	SCRC, PTOX, PCM, TC
CCEXH0729XAB 3439;FR20267 ISX12 350ST 360@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20268 ISX12 350 360@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20271 ISX12 330ST 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20272 ISX12 330 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20272 ISX12 330 341@1977 187 125 1250@1200 241 98 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20274 ISX12 310 319@1977 171 114 1150@1200 221 90 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20262 ISX12 385V 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20263 ISX12 385V 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TOCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 18	CCEXH0729XAB	3439;FR20264	ISX12 370	379@1977	211	140	1450@1200	283	115	SCRC, PTOX, PCM, TC
CCEXH0729XAB 3439;FR20268 ISX12 350 360@1977 187 125 1350@1200 262 106 SCRC, PTDX, PCM, TCCEXH0729XAB 3439;FR20271 ISX12 330ST 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20248 ISX12 3330 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20272 ISX12 330 341@1977 187 125 1250@1200 241 98 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20274 ISX12 310 319@1977 171 114 1150@1200 221 90 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20262 ISX12 385V 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20263 ISX12 385V 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20263 ISX12 385V 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125	CCEXH0729XAB	3439;FR20265	ISX12 370	379@1977	211	140 <sup>-</sup>	1350@1200	262	106	SCRC, PTOX, PCM, TC
CCEXH0729XAB 3439;FR20271 ISX12 330ST 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20248 ISX12 3330 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20272 ISX12 330 341@1977 187 125 1250@1200 241 98 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20274 ISX12 310 319@1977 171 114 1150@1200 221 90 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20262 ISX12 385V 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20263 ISX12 385V 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20263 ISX12 385V 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 12	CCEXH0729XAB	3439;FR20267	ISX12 350ST	360@1977	187	125	1450@1200	283	115	SCRC, PTØX\PCM, TC
CCEXH0729XAB 3439;FR20248 ISX12 3330 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20272 ISX12 330 341@1977 187 125 1250@1200 241 98 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20274 ISX12 310 319@1977 171 114 1150@1200 221 90 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20262 ISX12 385V 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20263 ISX12 385V 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC CCEXH0729XAB 3439;FR20270	CCEXH0729XAB	3439;FR20268	ISX12 350	360@1977	187	125	1350@1200	262	106	SCRC, PTOX, PCM, TC
CCEXH0729XAB 3439;FR20272 ISX12 330 341@1977 187 125 1250@1200 241 98 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20274 ISX12 310 319@1977 171 114 1150@1200 221 90 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20262 ISX12 385V 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20263 ISX12 385V 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TCCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350W 341@1977 1	CCEXH0729XAB	3439;FR20271	ISX12 330ST	341@1977	187	125	1350@1200	262	106	SCRC, PTOX, PCM, TC
CCEXH0729XAB 3439;FR20274 ISX12 310 319@1977 171 114 1150@1200 221 90 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20262 ISX12 385V 379@1977 211 140 1450@1200 283 115 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20263 ISX12 385V 379@1977 211 140 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20269 ISX12 350V 341@1977 187 125 1450@1200 283 115 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TO CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350W 341@1977 187 125 1350W 341@1977 187 125 1350W 341@1977 1	CCEXH0729XAB	3439;FR20248	ISX12 3330	341@1977	187	125	1350@1200	262	106	SCRC, PTOX, PCM, TC
CCEXH0729XAB         3439;FR20262         ISX12 385V         379@1977         211         140         1450@1200         283         115         SCRO, PTOX, PCM, TO SCRO, PTOX, PCM, PCM, PCM, PCM, PCM, PCM, PCM, PCM	CCEXH0729XAB	3439;FR20272	ISX12 330	341@1977	187	125	1250@1200	241	98	SCRC, PTOX, POM, TC
CCEXH0729XAB       3439;FR20263       ISX12 385V       379@1977       211       140       1350@1200       262       106       SCRC, PTOX, PCM, TC         CCEXH0729XAB       3439;FR20269       ISX12 350V       341@1977       187       125       1450@1200       283       115       SCRC, PTOX, PCM, TC         CCEXH0729XAB       3439;FR20270       ISX12 350V       341@1977       187       125       1350@1200       262       106       SCRC, PTOX, PCM, TC	CCEXH0729XAB	3439;FR20274	ISX12 310	319@1977	171	114	1150@1200	221	90	SCRC, PTOX, PCM, TC
CCEXH0729XAB       3439;FR20269       ISX12 350V       341@1977       187       125       1450@1200       283       115       SCRC, PTOX, PCM, TO COMMITTED TO COMMITT	CCEXH0729XAB	3439;FR20262	ISX12 385V	379@1977	211	140	1450@1200	283	115	SCRO, PTOX, PCM TC
CCEXH0729XAB 3439;FR20270 ISX12 350V 341@1977 187 125 1350@1200 262 106 SCRC, PTOX, PCM, TC	CCEXH0729XAB	3439;FR20263	ISX12 385V	379@1977	211	140	1350@1200	262	106	SCRC, PTOX, PCM, TC
	CCEXH0729XAB	3439;FR20269	ISX12 350V	341@1977	187	125	1450@1200	283	115	SCRC, PTOX, PCM, TC
CCEXH0729XAB 3439;FR20273 ISX12 320V 315@1977 172 115 1150@1200 221 90 \$CRC, PTOX, PCM, TC	CCEXH0729XAB	3439;FR20270	ISX12 350V	341@1977	187	125	1350@1200	262	106	SERC, PTOX, PCM, TC
	CCEXH0729XAB	3439;FR20273	ISX12 320V	315@1977	172	115	1150@1200	221	90	SCRC, PTOX, PCM, TC

DDT, TC, CAC, ECM, EGR, OC, SCL-U, PTOX)

## **Engine Model Summary Template**

1) ate: 4\_11-12

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5.Fuel Rate:

7.Fuel Rate:

Engine Family 1.Engine Code 2.Engine Model

3.BHP@RPM (SAE Gross)

mm/stroke @ peak HP (lbs/hr) @ peak HP 6.Torque @ RPM mm/stroke@peak (for diesel only)

8.Fuel Rate:

9.Emission Control

(for diesels only)

(SEA Gross)

torque

(lbs/hr)@peak torqueDevice Per SAE J1930

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Emergency	Vehicle	Engine	Models	Below					
CCEXH0729XAB	3439;FR20266	ISX11.9 370EV	379@1977	211	140	1450@1200	283	115	SCRC PTOX, PCM-FC
CCEXH0729XAB	3439;FR20266	ISX12 370EV	379@1977	211	140	1450@1200	283	115	SCRG, PTOX, PCM, TC

EGN, OC, SOR-4, PTOX