1/7/2010

PAINLESS FUEL INJECTION HARNESSES

Click on any Painless Performance Part Number to be Taken Directly to its Webpage. All Eight Digit Part Numbers are GM Service Numbers.

Factory PCM Based Painless Fuel Injection Systems and Components

Perfect Engine Management Based Fuel Injection Systems and Components

Make	Year	Donor Vehicle	Fuel Injection Type	Engine Size	Engine RPO (Click Link to View Engine)	Throttle Body Control Type	(Std. Length) 4ft ECM Connectors to back of intake manifold	(Extra Length) 8ft ECM Connectors to back of intake manifold	Anti-theft VATS/Pass Key 1&2	Vehicle Speed Sensor Required	Emission Harness (Std. Length)	Emission Harness (Extra Length)	PCM Service #	ECM PROM #	Harness Supports These Transmissions	Special Notes for Factory PCM Based Painless Performance Fuel Injection Systems and Components	Fully Integrated Fuel Injection and Universal Chassis Harnesses	Special Notes for Fully Integrated Harnesses	Perfect ECM & Harness	Perfect ECM, Harness and Cam	Perfect ECM, User Software & Harness	Special Notes for Perfect Based Painless Performance Fuel Injection Systems and Components
General Motors Corporation	`82-84	Camaro/Firebird	CFI (MAP)	5.0L	LU5	Cable Throttle	60101	60201	N/A	60115	60310	60311	1227747, 16121154, 88999146 CalPack #16060836 required for all.	16139492	200/700-R4	Must also purchase the 60112 Injector Adapter.	N/A	N/A	N/A			
		Corvette		5.7L	L83									16139566								
	`86-93	TBI Vehicles (4.3, 5.0, 5.7 & 7.4 liter engines only)	TBI (MAP)	4.3L	LB4		60101	60201						16146750		If using external coil distributor 60124 & 60125 pigtails must also be purchased.						
				5.0L	L03									16139512								
				5.7L	L05									16139566								
				7.4L	L19									16169157	60109							
	`85-88	Camaro/Firebird	TPI (MAF)	5.0L	LB9		60102	60202			60312	60313	1227165, 16198259, 88999194	16082183	200/700-R4	N/A	N/A		65104	N/A	65246	Perfect system is MAP based only. Purchase of specific MAP sensor required.
		Camaro/Firebird		5.7L	L98									16068654								
		Corvette												1228109								
	`89	Camaro/Firebird		5.0L	LB9									16133467								
		Camaro/Firebird		5.7L	L98									16150500								
		Corvette																				
	`90-91	Camaro/Firebird	TPI (MAP)	5.0L	LB9		60103	60203	64023	60116	60314	60315	1227730, 16198262, 88999196	N/A								
		Corvette/Camaro		5.7L	L98																	
	`92	Camaro/Firebird		5.0L	LB9																	
	`92-95	CMFI 4.3L Vehicles	CMFI	4.3L	L35		60210	N/A	N/A	Factory GM transmission sensor or aftermarket signal generator. Must be 40 pulse per output shaft revolution. PCM must be reprogrammed if tire diameter or final drive gearing is changed from stock.	Included	N/A	16197427	16219039	4L60E				N/A			
	`93-97	Camaro/Firebird	SFI (MAP & MAF)	5.7L	LT1/LT4		60502	60505	64024 (Included in kit)			Included	16188051, 88961150	N/A	4L60E	If using the 4L60E automatic transmssion with this harness make sure it is the 1994-UP design which utilizes a 13th pin in the transmission connector.	N/A		65105	65205	65247	1996 and 1997 LT1 require the 60126 coil kit.
	`92-96	Corvette																				
	`94-96	Roadmaster																				
	`94-96	Impala/Caprice																				
	`94-96	Caprice		4.3L V-8	L99																	
	`96-99	Vortec Trucks	CMFI (MAP & MAF)	4.3L	L35		60214	60215	N/A		60320	60321	16244210, 16229684		4L60E/4L80E	N/A	N/A		N/A			
				5.0L	L30		60212	60213														
				5.7L	L31																	
	`96-00			7.4L	7400		60211	60216			60326	60327										
	`97-04	Corvette, Crate Engine	SFI (MAP & MAF)	5.7L	LS1/LS6	Throttle by Wire	60522	60523	Free ECM Reflash Program		N/A	N/A	12200411	N/A	4L60E or 6 Spd	Harness also requires the use of TAC Module #12578953 and Accelerator Pedal #12565643.	60608	Engine must be converted to mechanical throttle body.	65106	65206	65248	Requires changeover to mechanical throttle body.
	`98	Camaro/Firebird		5.7L	LS1	Cable Throttle	60506	60507			60318	60319	16238212			N/A		N/A				N/A
	`99-02	Camaro/Firebird, Crate Engine					60508	60509			60324	60325	12200411, 9354896									
	`05-06	Corvette, GTO, SSR, Crate Engine		6.0L	LS2 (Black 24X Crank Sensor)	Throttle by Wire	60520	60521			N/A	N/A	12200411			Harness also requires the use of TAC Module #12578953 and Accelerator Pedal #12565643.	N/A	N/A	N/A			
	06-08	Corvette, Crate Engine		6.0L/6.2L	LS2/LS3 (Grey 58X Crank Sensor)		60524	N/A			N/A	N/A	12597121 ($100 to flash)		4L65E	Harness also requires the use of Accelerator Pedal #25832864 and Transmission Control Module #24234503.						
	`99-06	Gen 3 Vortec Trucks (Non-Flex Fuel)		4.8L	LR4	Cable Throttle	60217	60218			60322	60323	12200411		4L60E/4L80E	Engine must be converted to mechanical throttle if it was originally manufactured as throttle by wire.	60617	N/A	65108	N/A	65253	N/A
				5.3L	LM7																	
				6.0L	LQ4/LQ9																	
	00-'02	Gen 3 Vortec Trucks (Non-Flex Fuel)		4.8L	LR4	Throttle by Wire	60219	60220			N/A	N/A			4L60E	Harness also requires the use of TAC Module #12574221 and Accelerator Pedal #15177923.		Engine must be converted to mechanical throttle body.				Requires changeover to mechanical throttle body. Does not support Flex Fuel Injector.
				5.3L	LM7																	
				6.0L	LQ4/LQ9																	
	03-'06	Gen 3 Vortec Trucks (Flex and Non-Flex Fuel)		4.8L	LR4		60221	N/A					89017733, 12576106, 12583560, or 12602802		4L60E/4L80E	Harness supports flex fuel and non- flex fuel injectors. Flex fuel applications require the use of the inline Fuel Composition Sensor. Harness also requires the use of TAC Module #12588923 and Accelerator Pedal #15264643.						
				5.3L	LM7																	
				6.0L	LQ4/LQ9																	
Ford	`86-'93	Ford Automobile	EFI (MAF)	5.0L	H.O.	Cable Throttle	60510	60511	N/A	E3AZ-9E731-A	N/A	N/A	E9ZF-12A-650-AA		None	N/A	N/A	N/A	65120	N/A	65250	N/A
	94-'95																		65121	N/A	65251	N/A
Cummins	03-'05	Dodge Truck	CRD	5.9L	Supports '03, '04 Cable, & '05 APPS Types		60250	N/A	Anti-theft if applicable	N/A	N/A	N/A	N/A	N/A	None				N/A	N/A	N/A	N/A
Jeep	91-'98	Jeep	EFI	4.0L	N/A	Cable Throttle	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				65140	65141	65252	N/A