

2011 PAINLESS FUEL INJECTION HARNESSSES

Application						Factory ECM 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 EPROM #	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							
Corporation	'82-'84	Camaro/Firebird Corvette	CFI (MAP)	5.0L 5.7L	LU5 L83	Cable Throttle	60101	60201	N/A	60115	60310	60311	1227747, 16121154, 88999146 CalPack 16060836 required for all.	16139492 16139566 16146750 16139512 16139566 16169157	200-4R/ 700-R4	Must also purchase the 60112 Injector Adapter.	N/A	N/A	N/A	N/A	N/A								
	'86-'93	TBI Vehicles (4.3, 5.0, 5.7 & 7.4 liter engines only)	TBI (MAP)	4.3L 5.0L 5.7L 7.4L	LB4 L03 L05 L19		60101	60201	N/A				60310	60311	1227747, 16121154, 88999146 CalPack 16060836 required for all.	16139492 16139566 16146750 16139512 16139566 16169157	200-4R/ 700-R4	If using external coil distributor 60124 & 60125 pigtales must also be purchased.	N/A	N/A	N/A	N/A	N/A	N/A					
	'85-'88	Camaro/Firebird Corvette	TPI (MAF)	5.0L 5.7L	LB9 L98		60102	60202	N/A				60312	60313	1227165, 16198259, 88999194	16082183 16068654 1228109 16133467	200-4R/ 700-R4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Perfect system is MAP based only. Purchase of specific MAP sensor required.			
	'89	Camaro/Firebird Corvette		5.0L 5.7L	LB9 L98		60103	60203	64023				60116	60314	60315	1227730, 16198262, 88999196	16150500	200-4R/ 700-R4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	'90-'91	Camaro/Firebird Corvette/Camaro	TPI (MAP)	5.0L 5.7L	LB9 L98		60103	60203	64023				60116	60314	60315	1227730, 16198262, 88999196	See Note =>	See Note =>	200-4R/ 700-R4	EPROM Broad Cast Code must match tire diameter, final drive ratio, engine and transmission.	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	'92	Camaro/Firebird	TPI (MAP)	5.0L	LB9		60103	60203	64023				60116	60314	60315	1227730, 16198262, 88999196	See Note =>	See Note =>	200-4R/ 700-R4	EPROM Broad Cast Code must match tire diameter, final drive ratio, engine and transmission.	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	'92-'95	CMFI 4.3L Vehicles	CMFI	4.3L	L35		60210	N/A	N/A				60116	60314	60315	1227730, 16198262, 88999196	See Note =>	See Note =>	4L60E	EPROM Broad Cast Code must match tire diameter, final drive ratio, engine and transmission.	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	'93-'97	Camaro/Firebird Corvette	SFI (MAP & MAF)	5.7L	LT1/LT4		60502	60505	64024 (Included in 60502 kit)				60116	60314	60315	1227730, 16198262, 88999196	See Note =>	See Note =>	4L60E	If using the 4L60E automatic transmission with this harness make sure it is the 1994-UP design which utilizes a 13th pin in the transmission connector. 1992-3 & 1996-7 engine require additional sensor purchase. See install manual for details.	N/A	N/A	65105	65205	65247	1996 and 1997 LT1 require the 60126 coil kit.			
	'94-'96	Roadmaster		4.3L V-8	L99		60214	60215	N/A				60116	60314	60315	1227730, 16198262, 88999196	See Note =>	See Note =>	4L60E	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	'94-'96	Impala/Caprice		4.3L V-8	L99		60214	60215	N/A				60116	60314	60315	1227730, 16198262, 88999196	See Note =>	See Note =>	4L60E	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	'96-'99	Vortec Trucks	CMFI (MAP & MAF)	4.3L 5.0L 5.7L 7.4L	L35 L30 L31 7400		60212	60213	N/A				60116	60314	60315	1227730, 16198262, 88999196	See Note =>	See Note =>	4L60E/ 4L80E	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	'96-'00	Vortec Trucks	CMFI (MAP & MAF)	4.3L 5.0L 5.7L 7.4L	L35 L30 L31 7400		60212	60213	N/A				60116	60314	60315	1227730, 16198262, 88999196	See Note =>	See Note =>	4L60E/ 4L80E	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	'97-'04	Corvette, Crate Engine	SFI (MAP & MAF)	5.7L	LS1/LS6		60522	60523	Anti-Theft must be removed from PCM. Painless Performance will do this through the ECM Reflash Program. See website for details.				60116	60314	60315	1227730, 16198262, 88999196	See Note =>	See Note =>	4L60E	Harness also requires the use of TAC Module #12578953 and Accelerator Pedal #12565643.	60608 (Use with Painless 60700 PCM)	Engine must be converted to mechanical throttle body.	65106	65206	65248	Requires changeover to mechanical throttle body.			
	'98-'02	Camaro/Firebird, Crate Engine		5.7L	LS1		60508	60509					60324	60325	GM 12200411 Painless 60700	60116	60314	60315	1227730, 16198262, 88999196	See Note =>	See Note =>	4L60E or 6 Spd	N/A	N/A	N/A	N/A	N/A	N/A	
	'05-'06	Corvette, GTO, SSR, Crate Engine		6.0L	LS2 (Black 24X Crank Sensor)		60520	60521					60324	60325	GM 12200411 Painless 60700	60116	60314	60315	1227730, 16198262, 88999196	See Note =>	See Note =>	4L60E	PCM is custom flashed to customer's specifications.	N/A	N/A	N/A	N/A	N/A	N/A
	'06-'UP	Corvette, Crate Engine		6.0L / 6.2L	LS2, LS3, L99 Supports VVT & DOD		60524	N/A					60324	60325	GM 12200411 Painless 60700	60116	60314	60315	1227730, 16198262, 88999196	See Note =>	See Note =>	4L60E	Harness also requires the use of TAC Module #12578953 and Accelerator Pedal #12565643.	N/A	N/A	N/A	N/A	N/A	N/A
	'99-'06	Gen 3 Vortec Trucks (Non-Flex Fuel)		4.8L, 5.3L & 6.0L	LR4, LM7, LQ4 & LQ9		60217	60218					60322	60323	GM 12200411 Painless 60700	60116	60314	60315	1227730, 16198262, 88999196	See Note =>	See Note =>	4L60E/ 4L80E	Engine must be converted to mechanical throttle if it was originally manufactured as throttle by wire. PCM is custom flashed to customer's specifications.	60617 (Use with Painless 60700 PCM)	N/A	N/A	N/A	N/A	N/A
	'00-'02	Gen 3 Vortec Trucks (Non-Flex Fuel)		4.8L, 5.3L & 6.0L	LR4, LM7, LQ4 & LQ9		60219	60220					60322	60323	GM 12200411 Painless 60700	60116	60314	60315	1227730, 16198262, 88999196	See Note =>	See Note =>	4L60E	Harness also requires the use of TAC Module #12574221 and Accelerator Pedal #15177923.	60617 (Use with Painless 60700 PCM)	N/A	N/A	N/A	N/A	N/A
'03-'06	Gen 3 Vortec Trucks (Flex and Non-Flex Fuel)	4.8L, 5.3L & 6.0L		LR4, LM7, LQ4 & LQ9	60221	N/A	60322	60323		GM 12200411 Painless 60700	60116	60314	60315	1227730, 16198262, 88999196	See Note =>	See Note =>	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.	60617 (Use with Painless 60700 PCM)	Engine must be converted to mechanical throttle body.	65108	N/A	65253	Requires changeover to mechanical throttle body. Does not support Flex Fuel Injector.					
'07-'UP	Gen 4 Vortec Trucks	4.8L - 6.2L		Supports all engines, VVT and DOD.	60526	N/A	60322	60323		GM 12200411 Painless 60700	60116	60314	60315	1227730, 16198262, 88999196	See Note =>	See Note =>	4L60E/ 4L80E	Harness also requires TCM #24234503 Painless 60710 and accelerator pedal #25832864 or #25835421.	N/A	N/A	N/A	N/A	N/A	N/A					
					60026	N/A	60322	60323		GM 12200411 Painless 60700	60116	60314	60315	1227730, 16198262, 88999196	See Note =>	See Note =>	4L65E/4L70E 4L80E/4L85E	PCM & TCM are custom flashed to customer's specifications.	N/A	N/A	N/A	N/A	N/A	N/A					
Ford	'86-'93	Ford Automobile		EFI (MAF)	5.0L	H.O.	Cable Throttle	60510		60511	N/A	E3AZ-9E731-A	N/A	N/A	1989-1991 Ford 5.0 H.O. Mass Air Flow Car Computer.	None	N/A	N/A	N/A	65120	N/A	65250	Additional sensor purchase required. See install manual.						
	'94-'95	Ford Automobile		EFI (2 Deuce)	239-255 and Stroker	8BA	Cable Throttle	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	65121	N/A	65251	Additional sensor purchase required. See install manual.						
	'49-'53	Ford Automobile		EFI (3 Deuce)	239-255 and Stroker	8BA	Cable Throttle	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	65259 (Silver)	65257 (Black)	All with ECM, harness, software and throttle bodies. Throttle body color denoted next to part number.						
Cummins	'03-'05	Dodge Truck		CRD	5.9L	Supports '03, '04 Cable, & '05 APPS Types	Cable Throttle	60250		N/A	Anti-theft if applicable	N/A	N/A	N/A	N/A	None	ECM programming must match APPS and engine year.	N/A	N/A	N/A	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	60117	N/A	N/A	N/A	N/A	N/A	N/A	N/A	65140	65141	65252	Additional sensor purchase required. See install manual.						

Note to Painless Performance Dealers- Verify all information before ordering. Contact Painless Tech Support at (800) 423-9696.