

Dodge Charger / 300 Gas / FFV Comparison Chart

Dodge 300 / Charger 5.7L	Part	Material	Calibrations Gasoline Model	Calibrations FFV Model	Conclusion
5135173AC	Fuel Tank	Plastic Construction	18 Gallon	N/A	Plastic Tanks are Impervious to Ethanol
5135172AB	Fuel Tank	Plastic Construct	19 Gallon	N/A	Plastic Tanks are Impervious to Ethanol
5136023AC	Fuel Pump	Steel Pump	3.5L, 5.7L, 6.1L	5.7L (345 BHP) 6.1L(425 BHP)	Based on Factory specifications, the 5.7L pump has enough capacity for the Flex Fuel System: Chrysler uses the same fule pump on their 3.5L, 5.7L and 6.1L motors. The 5.7L is factory rated at 345 HP, and the 6.1L is rated at 425HP. The 6.1L requires and additional 23% volume of fuel over the 5.7L.
5137745AA	Fuel line	Stainless Steel Line	Fuel Tank to Engine		Stainless Steel Fuel Lines are Ethanol Resistant Source: DOE Guidebook for Handling, Storing & Dispensing Ethanol Fuel
5137746AA	Fuel Line	Stainless Steel Line	Evaporative Vapor Line		Stainless Steel Fuel Lines are Ethanol Resistant . Source: DOE Guidebook for Handling, Storing & Dispensing Ethanol Fuel
4578197AB	Fuel Line	Nylon Line	Fuel Line to Fuel Rail		Nylon Fuel Lines are Ethanol Resistant Source: DOE Guidebook for Handling, Storing & Dispensing Ethanol Fuel
4581407AA	Fuel Line	Nylon Line	Fuel Module to Fuel line		Nylon Fuel Lines are Ethanol Resistant Source: DOE Guidebook for Handling, Storing & Dispensing Ethanol Fuel

Fuel System Components	Dodge 4.7L Gasoline Model Components	Dodge 4.7L Flex Fuel Model Components
	2007 Dodge Ram 4.7L	2007 Dodge Ram 4.7L
Description	Test Group: 7CRXT04.7EP0	Test Group: 7CRXT04.7PJP
Vapor Canister	4891567AC	4891567AC
Vapor Canister Leak Pump	4891723AA	4891723AA
Fuel Line Front	55366643AF	55366643AF
Fuel Line Rear	55366833AA	55366833AA
Fuel Rail Assembly	53032712AD	53032712AD
Fuel Tank	55398699AA	55398699AA
Injectors	53032713AA	53032713AA
Fuel Pump Module 26-Gallon Tank	68004489AA	68004489AA
Fuel Pump Module 35-Gallon Tank	5134554AF	5134554AF
Fuel Tank Flange	55366299AA	55366299AA
Fuel Tank Flange O Ring	55366298AA	55366298AA

Note: Chrysler utilizes a Fuel Pump Module, which is consistent with Ford and GM in regards to fuel pump design . The module incorporates a high volume fuel pump with a fuel level sender, fuel pressure regulator, and in the case of a flex fuel model an alcohol sensor is incorporated into the module. The fuel pumps utilized on both the gasoline and flex models is identical in material, pressure and fuel delivery according to Chrysler.

Based on good engineering judgement. It is clear that Chrysler uses simialr components in both their Flex and Gas only models. Based on our research, no issues of incompatibility exist between the Gas and Flex models.