

ROUSH® Standard Repair Times (SRTs)

CLEANTECH SRTs awarded for ROUSH CleanTech warranty repairs

The table below lists standard labor times (SRTs) for ROUSH CleanTech Warranty Repairs. These times are awarded at the discretion of the ROUSH technical support agent. Warranty cases requiring electrical or computer diagnostics are preapproved up to one hour.

If further troubleshooting is needed after the initial one-hour diagnostics, ROUSH CleanTech Technical Support should be contacted at 800.59.ROUSH (800.597.6874).

These times are subject to change without notice. The included table reflects SRTs at the time of this publication.

How to read the table:

- **SRT Code** – Unique identifier for the labor operation
- **Labor Operation** – Component replacement or procedure being performed
- **Description** – What is included in the labor time
- **Product Line** – If a vehicle platform is listed in product line, then that specific platform takes longer than other platforms to perform the procedure. The longer time required for that platform will be listed on the SRT.
- **Time** – Time awarded for completing the procedure. Represented in tenths on an hour.

SRT Code	Labor Operation	Description	Product Line	Hours
P - Procedure				
RCTP01A	Initial Diagnostics - Drivability and Electrical	Includes bringing vehicle into service bay, connecting scan tool, performing diagnostics, confirming concern, completing component pin-point test, taking photos, and entering information in a case. Not to be combined with RCTP01B	-	1
RCTP01B	Initial Diagnostics - Other	Includes bringing vehicle into service bay, visual inspection, taking photos and entering information in a case. Use when scan tool and pin-point diagnostics are not required. (ex. pulley replacements, leaks, etc.). Not to be combined with RCTP01A	-	0.2
RCTP01C	Additional Diagnostic Test - Simple	Includes additional pinpoint tests after initial pinpoint test is performed. Use in addition to RCTP01A when applicable. Requires prior approval.	-	0.4

Rev 05/23/2019

RCTP01D	Additional Diagnostic Test - Standard	Includes additional pinpoint tests after initial pinpoint test is performed. Use in addition to RCTP01A when applicable. Requires prior approval.	-	0.6
RCTP01E	Additional Diagnostic Test - Intermediate	Includes additional pinpoint tests after initial pinpoint test is performed. Use in addition to RCTP01A when applicable. Requires prior approval.	-	0.8
RCTP01F	Additional Diagnostic Test - Advanced	Includes additional pinpoint tests after initial pinpoint test is performed. Use in addition to RCTP01A when applicable. Requires prior approval.	-	1
RCTP02A	Depressurizing Fuel Lines and Rails	Includes time to remove cover shield (if necessary), performing depressurizing procedure, priming fuel system after repair, and leak checking. Not to be combined with procedures that include depressurizing	-	0.5
RCTP03A	Fuel Transfer	Includes time to depressurize fuel lines, connect transfer system, and transfer liquid out of a fuel tank. Cannot be combined with fuel reimbursement.	-	2
RCTP03B	Fuel Transfer (requires prior approval)	Fuel tank transfer (requires prior approval)	-	4
RCTP04A	Fuel Flaring	Includes time to depressurize fuel lines, connect a fuel flare setup, and flare fuel.	-	1.5
RCTP05A	Fuel Tank Venting	Includes time to vent the fuel from the fuel tank	-	1
RCTP06A	Label - Remove and Install	Includes removal and installation of a fuel system label	-	0.1
RCTP07A	Standard Road Test	Includes time for a standard road test, verifying concern and recording data under multiple driving conditions. Requires prior approval.	-	0.5
E - Engine				
RCTE01A	Smart Relay Module (SRM) (Gateway) - Remove and Install	Includes removal and installation of the SRM and connector	Blue Bird	0.3
RCTE01B	Smart Relay Module (SRM) (Gateway) - Remove and Install	Includes removal and installation of the SRM and connector	Ford VIN	0.4
RCTE02A	Electrical Power Distribution Block Repair	Includes time to inspect and repair wiring or terminal on the power distribution block if needed.	-	0.3
RCTE03A	Powertrain Control Module (PCM) - Remove and Install	Includes removal and installation of the PCM and connectors	-	0.3
RCTE04A	Powertrain Control Module (PCM) - Reprogramming	Includes connecting RDT to the vehicle and reprogramming the PCM	-	0.3
RCTE05A	Smart Relay Module (SRM) (Gateway) - Reprogramming	Includes connecting RDT to the vehicle and reprogramming the SRM	-	0.3
RCTE06A	Under hood Harness - Remove and Install	Includes removal and installation of the ROUSH CleanTech under hood harness all connectors, retention points, coolant bottle, and air intake if required	-	1.5

Rev 05/23/2019

RCTE07A	CAN Harness - Remove and Install	Includes removal and installation of the lower panel and CAN harness	Gen 4	0.5
RCTE07B	CAN Harness - Remove and Install	Includes removal and installation of the dash bezel and CAN harness	Gen 3	0.7
RCTE08A	Injector Jumper Harness (1) - Remove and Install	Includes removal and installation of the injector jumper harness	-	0.1
RCTE08C	Injector Jumper Harness (2) - Remove and Install	Includes removal and installation of the injector jumper harness	-	0.2
RCTE08D	Injector Jumper Harness (3) - Remove and Install	Includes removal and installation of the injector jumper harness	-	0.3
RCTE08E	Injector Jumper Harness (4) - Remove and Install	Includes removal and installation of the injector jumper harness	-	0.4
RCTE08F	Injector Jumper Harness (5) - Remove and Install	Includes removal and installation of the injector jumper harness	-	0.5
RCTE08G	Injector Jumper Harness (6) - Remove and Install	Includes removal and installation of the injector jumper harness	-	0.6
RCTE08H	Injector Jumper Harness (7) - Remove and Install	Includes removal and installation of the injector jumper harness	-	0.7
RCTE08I	Injector Jumper Harness (8) - Remove and Install	Includes removal and installation of the injector jumper harness	-	0.8
RCTE08J	Injector Jumper Harness (9) - Remove and Install	Includes removal and installation of the injector jumper harness	-	0.9
RCTE08K	Injector Jumper Harness (10) - Remove and Install	Includes removal and installation of the injector jumper harness	-	1
RCTE09A	Starter Motor - Remove and Install	Includes disconnecting the electrical connector and replacement of the starter motor and shield	Blue Bird	0.5
RCTE10A	Fuel Tank Harness - Remove and Install	Includes removal and installation of the fuel tank harness	-	0.4
RCTE10B	Fuel Tank Harness Aux Tank - Remove and Install	Includes removal and installation of the right auxiliary tank harness	F-650 / 750	0.4
RCTE11A	Rear Frame Harness - Remove and Install	Includes removal in installation of the rear frame harness	-	0.4
RCTE12A	Air Conditioning (A/C) Jumper Harness - Remove and Install	Includes removal and installation of the wire harness from the A/C compressor to the SRM	-	0.5
RCTE13A	Electronic Fuel Pump Relay (EFPR) - Remove and Install	Includes removing electrical harness and replacing EFPR.	-	0.3

Rev 05/23/2019

RCTE14A	Mass Air Flow Sensor (MAFS) - Remove and Install	Includes disconnecting electrical connector and replacing MAFS.	-	0.3
RCTE15A	Starter Motor Shield - Remove and Install	Includes removing and installing starter motor shield only.	Blue Bird	0.2
RCTE16A	Fuel Level Indicator Module (FLIM) - Remove and Install	Includes removing and installing Fuel Level Indicator Module (FLIM) and electrical connector	-	0.2
RCTE17A	Brake Pedal Switch - Remove and Install	Includes removing and installing brake pedal switch	Blue Bird	0.2
RCTE18A	Left Motor Mount and Heat Shield - Remove and Install	Includes removing and installing left motor mount with heat shield.	-	2
RCTE18B	Right Motor Mount and Heat Shield - Remove and Install	Includes removing and installing left motor mount with heat shield.	-	2
RCTE19A	Wiring Pigtail Replacement - Remove and Install	Includes time to repair wire(s) or circuits (for up to 4 wires)	-	0.5
RCTE20A	Solenoids (non-Return Valve) - Remove and Install	Includes time for removing and installing solenoid coils in Gen 4 vehicles. Does not include solenoids on the Return Valve.	-	0.3
RCTE21A	Engine block heater - Remove and Install	Includes time to drain and replace coolant and remove and install the engine block heater.	Blue Bird Vision	1.5
RCTE22A	ENS Overlay Harness - Remove and Install	Includes time to remove the ENS Overlay Harness from the SRM (pin 39) and reinstall.	E-350	2.5
F - FEAD				
RCTF01A	PTO (Second Sheave Crank Pulley) - Remove and Install	Includes removal and installation of the PTO assembly and related belts	Blue Bird Vision	0.5
RCTF01B	PTO and Adapter (Second Sheave Crank Pulley) - Remove and Install	Includes removal and installation of the PTO and PTO adapter assembly and related belts	Blue Bird Vision	0.8
RCTF02A	Bridge Bracket (with air pump) - Remove and Install	Includes removal and installation of 2nd and 3rd sheave belt, air pump, air pump bracket, alternator, upper A/C bracket or delete pulley, all lines and connectors, and bridge bracket	Blue Bird Vision	2
RCTF02B	Bridge Bracket (no air pump) - Remove and Install	Includes removal and installation of 2nd and 3rd sheave belt, air pump bracket, alternator, upper A/C bracket or delete pulley, all lines and connectors, and bridge bracket	Blue Bird Vision	1.5
RCTF03A	Lifting Eye Bracket (no air pump) - Remove and Install	Includes removal and installation of lifting eye bracket	Blue Bird Vision	0.5
RCTF03B	Lifting Eye Bracket (with air pump) - Remove and Install	Includes removal and installation of the stretch belt, air pump, oil feed and return lines, coolant lines, and lifting eye bracket	Blue Bird Vision	1

RCTF04A	Air Pump Oil Supply Line - Remove and Install	Includes removal and installation of the air pump oil supply line	Blue Bird Vision	0.4
RCTF05A	Air Pump Oil Return Line - Remove and Install	Includes removal and installation of the air pump oil supply line	Blue Bird Vision	0.5
RCTF06A	First Sheave Belt Tensioner - Remove and Install	Includes removal and installation of first sheave belt tensioner	Blue Bird Vision	0.5
RCTF07A	Second Sheave Belt Tensioner - Remove and Install	Includes removal and installation of the second sheave belt tensioner	Blue Bird Vision	0.3
RCTF08A	First Sheave Idler (With Air Pump) - Remove and Install	Includes removal and installation of the bridge bracket, lifting eye bracket, air pump, accessories, and first sheave idler pulley	Blue Bird Vision	2.2
RCTF08B	First Sheave Idler (no air pump) - Remove and Install	Includes removal and installation of the bridge bracket, lifting eye bracket, accessories, and 1st sheave idler pulley	Blue Bird Vision	1.7
RCTF08C	Additional First Sheave Idler (2) - Remove and Install	Includes removal and installation of an additional 1st sheave idler pulley after bridge bracket is removed	Blue Bird Vision	0.2
RCTF08D	Additional First Sheave Idler (3) - Remove and Install	Includes removal and installation of an additional 1st sheave idler pulley after bridge bracket is removed	Blue Bird Vision	0.2
RCTF09A	Air Pump Driver Pulley - Remove and Install	Includes removal and installation of the double pulley that drives the air pump, stretch belt, and loosening 2nd sheave belt	Blue Bird Vision	0.3
RCTF10A	Air Pump Pulley - Remove and Install	Includes removal and installation of the air pump pulley	Blue Bird Vision	0.3
RCTF11A	Power Steering Pump Pulley	Includes removal and installation of the power steering pump pulley	Blue Bird Vision	0.3
RCTF12A	Alternator Delete Pulley - Remove and Install	Includes time to remove the first sheave belt and alternator delete pulley. Add bridge bracket labor time separately if applicable.	Blue Bird	0.3
RCTF13A	Second Sheave Idler Pulley - Remove and Install	Includes time to remove tension from the second sheave belt and replace one of the smooth idler pulleys.	Blue Bird Vision	0.3
RCTF13B	Second Sheave Idler Pulleys (2) - Remove and Install	Includes time to remove tension from the second sheave belt and replace both smooth idler pulleys.	Blue Bird	0.5
RCTF14A	Second Sheave Belt - Remove and Install	Includes time to remove and install second sheave belt	Blue Bird	0.2
RCTF15A	Second Sheave Accessory Drive Pulley - Remove and Install	Includes time to remove and install grooved second sheave accessory drive pulley.	-	0.3
RCTF17A	Second Sheave AC Delete Pulley - Remove and Install	Includes removal and installation of the AC delete pulley on the second sheave belt.	-	0.3
RCTF18A	A/C bracket - Remove and Install	Includes time to relocate A/C pump/compressor and remove and install A/C bracket. Use RCTF19A for the A/C pump relocation and install.	-	1.2

Rev 05/23/2019

RCTF19A	A/C Compressor - Relocate and Re-Install	Includes time to relocate, but not remove, and install the A/C pump/compressor, hoses, and electrical. Use RCTF18A for the A/C pump and bracket removal and install.	-	1
L - Lines				
RCTL01A	Fuel Fill Valve Remove and Install	Includes depressurizing fuel fill line, removing and installing fuel fill valve	-	0.7
RCTL02A	Supply Line Filter Remove and Install	Includes depressurizing the supply line and removal/installation of the supply line filter	-	0.5
RCTL03A	Fill Filter Remove and Install	Includes time to depressurize the fill line and remove/install the fill filter	-	0.3
RCTL04A	Fuel Rail Supply Line Remove and Install	Includes removal and installation of the fuel rail supply line	-	0.3
RCTL05A	Fuel Rail Return Line Remove and Install	Includes removal and installation of the fuel rail return line. Also includes time for replacement of 1/4-inch jiffy-tite fittings (Gen 3) or fuel line O-ring (Gen 4)	-	0.4
RCTL06A	Forward Supply Line Remove and Install	Includes removal and installation of the forward supply line	-	0.5
RCTL07A	Forward Return Line Remove and Install	Includes removal and installation of the forward return line	-	0.5
RCTL08A	Intermediate Supply Line Remove and Install	Includes removal and installation of the intermediate supply line	-	0.3
RCTL09A	Intermediate Return Line Remove and Install	Includes removal and installation of the intermediate return line	-	0.3
RCTL10A	Tank Supply Line Remove and Install	Includes removal and installation of the tank supply line	-	0.3
RCTL11A	Tank Return Line Remove and Install	Includes removal and installation of the tank return line	-	0.3
RCTL12A	Fill Line (Fuel Door to Filter) Remove and Install	Includes depressurizing the fill line, removal and installation of the fill line, and leak check	-	0.3
RCTL13A	Fill Line (Filter to OPD) Remove and Install	Includes depressurizing the fill line, removal and installation of the fill line, and leak check	-	0.3
RCTL14A	Pressure Relief Valve (PRV) Hose Remove and Install	Includes removal and install of PRV hose and hardware. Removal of fuel tank not required	Blue Bird Vision Gen 4 Standard Range	1
RCTL14B	Pressure Relief Valve (PRV) Hose Remove and Install	Includes removal and install of PRV hose and hardware. Removal of fuel tank not required	Blue Bird Vision Gen 3 Standard Range	1

Rev 05/23/2019

RCTL14C	Pressure Relief Valve (PRV) Hose Remove and Install	Includes removal and install of fuel tank assembly, PRV hose, and related hardware/lines/electrical connectors.	Blue Bird Vision Gen 3 Extended Range	6.5
RCTL15A	Remove Bleeder Valve Hose	Includes depressurizing, removal and installation of the remote bleeder hose line.	Blue Bird Vision	0.5
RCTL16A	Fill Valve Remove and Install	Includes time to depressurize the fill line and remove/install the fill valve in the fuel door	-	0.5
RCTL17A	Fuel Line Retention	Replace or adjust fuel line retention. Included in fuel line replacement SRTs. Does not include depressurization	-	0.2
RCTL18A	Fuel Tank Pressure Transducer (FTPT) - Remove and Install	Includes time for the removal and installation of the Fuel Tank Pressure Transducer (FTPT) located on the Evaporative Canister Assembly.	-	0.2
M - Misc.				
RCTM01A	Dipstick Tube - Remove and Install	Includes removal and installation of the dipstick tube	Blue Bird	0.2
RCTM02A	Upstream Oxygen Sensor (UEGO) - Remove and Install	Includes removal and replacement of the UEGO sensor and electrical connector. (O2)	Blue Bird	0.3
RCTM03A	Downstream Oxygen Sensor (CMS) - Remove and Install	Includes removal and installation of the CMS and electrical sensor (O2)	Blue Bird	0.3
RCTM04A	Exhaust Clamps - Remove and Install	Includes time to remove and install exhaust clamps	Blue Bird	0.3
RCTM05A	Air Pump Gasket - Remove and Install	Includes removal and installation of the 3rd sheave belt, air pump feed line, air pump, and air pump gasket. Includes cleaning of the sealing surface and torquing air pump bolts.	Blue Bird	1
RCTM06A	Catalyst Assembly - Remove and Install	Includes time to remove and install O2 sensor and catalyst assembly.	Blue Bird	0.5
RCTM07A	Y-Pipe Assembly - Remove and Install	Includes time to remove and install the Y-Pipe Assembly. Reference SI 35-300-139 Vision Propane 6.8L Interlock Pipe Installation prior to using this SRT code.	Blue Bird	0.8
RCTM08A	Accelerator Pedal - Remove and Install	Includes time to remove and install the accelerator pedal.	Blue Bird Gen 4 Vision	0.5
RCTM09A	ACME Fill Valve Cap with Chain - Remove and Install	Includes time to remove and install the ACME fill valve cap and chain.	-	0.2
T - Tank				
RCTT01A	Fuel Tank Assembly - Remove and Install	Includes disconnecting and installing fuel lines and electrical connections, and removal and install of fuel tank assembly. Does not include tank and fuel line depressurization.	Ford VIN without dual tank	1.5

Rev 05/23/2019

RCTT01B	Fuel Tank Assembly - Remove and Install	Includes disconnecting and installing fuel lines and electrical connections, and removal and install of fuel tank assembly. Does not include tank and fuel line depressurization.	Blue Bird Vision Standard	4
RCTT01C	Fuel Tank Assembly - Remove and Install	Includes disconnecting and installing fuel lines and electrical connections, step assembly, and removal and install of fuel tank assembly. Does not include tank and fuel line depressurization.	F-650/750 (short, right)	1.5
RCTT01D	Fuel Tank Assembly - Remove and Install	Includes disconnecting and installing fuel lines and electrical connections, and removal and install of fuel tank assembly. Does not include tank and fuel line depressurization.	Blue Bird Vision Extended	6
RCTT01E	Fuel Tank Assembly - Remove and Install	Includes disconnecting and installing fuel lines and electrical connections, step assembly, and removal and install of fuel tank assembly. Does not include tank and fuel line depressurization.	F-650/750 Dual Tank(left)	1.5
RCTT01F	Fuel Tank Assembly - Remove and Install	Includes disconnecting and installing fuel lines and electrical connections, step assembly, and removal and install of fuel tank assembly. Does not include tank and fuel line depressurization.	F-650/750 (Left, Long)	2
RCTT02A	Replace Broken Tank Access Cover Screws	Includes drilling, tapping, and replacing broken screws for the tank access cover plate.	-	0.5
RCTT03A	Overfill Prevention Device (OPD) - Remove and Install	Includes time to remove and install the fill line connection to the OPD, and OPD. Does not include fuel tank depressurization. Add appropriate fuel tank depressurizing labor time if required.	-	0.5
RCTT03B	Overfill Prevention Device (OPD) - Remove and Install	Includes time to remove and install the floor access plate, fill line connection to OPD, and OPD. Does not include fuel tank depressurization. Add appropriate fuel tank depressurizing labor time if required.	Gen 4 Blue Bird Vision	0.7
RCTT03C	Overfill Prevention Device (OPD) - Remove and Install	Includes time to remove and install the fuel tank, fill line connection to OPD, and OPD. Does not include fuel tank depressurization. Add appropriate fuel tank depressurizing labor time if required.	E-450	1.7
RCTT03D	Overfill Prevention Device (OPD) - Remove and Install	Includes time to remove and install the fuel tank, fill line connection to OPD, and OPD. Does not include fuel tank depressurization. Add appropriate fuel tank depressurizing labor time if required.	Gen 3 Blue Bird Vision Top Center OPD	6.5
RCTT03E	Overfill Prevention Device (OPD) - Remove and Install	Includes time to remove and install the rear cross member, fill line connection to OPD and OPD. Does not include fuel tank depressurization. Add appropriate fuel tank depressurizing labor time if required.	Gen 3 Blue Bird Vision End Cap OPD	1.5
RCTT03F	Overfill Prevention Device (OPD) - Remove and Install	Includes time to remove and install the tank cover plate, fill line connection to the OPD, and OPD. Does not include fuel tank depressurization. Add appropriate fuel tank depressurizing labor time if required.	F-650 / 750	1.1

RCTT04A	Fuel Pump - Remove and Install	Includes time to remove and install fuel pump electrical connections, tank access plate, fuel supply filter(s), and fuel pump assembly. Does not include fuel tank depressurization. Add appropriate fuel tank depressurizing labor time if required.	-	1.3
RCTT05A	Supply Valve - Remove and Install	Includes removal and installation of tank supply valve and O-ring. Does not include fuel tank depressurization. Add appropriate fuel tank depressurizing labor time if required.	-	0.5
RCTT06A	Return Valve - Remove and Install	Includes removal and installation of the return valve. Does not include fuel tank depressurization. Add appropriate fuel tank depressurizing labor time if required.	-	0.5
RCTT07A	Sending Unit Twinsite - Remove and Install	Includes removal and installation of the electronic portion of the sending unit. Does not require fuel tank depressurization.	-	0.3
RCTT07B	Sending Unit Twinsite - Remove and Install	Includes removal and installation of the electronic portion of the sending unit. Does not require fuel tank depressurization.	Gen 3 Blue Bird Vision	0.5
RCTT08A	Excess Pressure Relief Valve (PRV) - Remove and Install	Includes removal and installation of the PRV only. Does not include fuel tank depressurization. Add appropriate fuel tank depressurizing labor time if required.	-	0.5
RCTT09A	Tank Pressure/Temperature Sensor (TPTS)	Includes removal and installation of TPTS. Does not include fuel tank depressurization. Add appropriate fuel tank depressurizing labor time if required.	-	0.5
RCTT10A	Sending Unit Assembly	Includes removal and installation of the sending unit assembly and O-ring. Does not include fuel tank depressurization. Add appropriate fuel tank depressurizing labor time if required.	-	0.5
RCTT11A	Bleeder Valve - Remove and Install	Includes removal and installation of the bleeder valve. Does not include fuel tank depressurization. Add appropriate fuel tank depressurizing labor time if required.	-	0.3
RCTT11B	Remote Bleeder Valve - Remove and Install	Includes removal and installation of the bleeder valve. Does not include fuel tank depressurization. Add appropriate fuel tank depressurizing labor time if required.	-	0.3
RCTT12A	Tank Service Access Flange - Remove and Install	Includes removal and installation of the access flange and O-ring. Does not include fuel tank depressurization. Add appropriate fuel tank depressurizing labor time if required.	-	0.5
RCTT13A	In-Tank hose kit - Remove and Install	Includes removal and installation of the in-tank hoses. Does not include fuel tank depressurization. Add appropriate fuel tank depressurizing labor time if required.	-	0.5
RCTT14A	Crossover Fuel Fill Line Ball Valve - Remove and Install	Includes time for the removal of the tank cover, depressurizing the fuel line, and the removal and installation of the ball valve from the crossover fuel fill line.	F-650	0.5

Rev 05/23/2019

RCTT15A	Jet Pump - Remove and Install	Includes time to remove and install the Jet Pump during an in-tank repair. Does not include time for depressurizing fuel tank.	-	0.3
RCTT16A	In-Tank Wire Harness - Remove and Install	Includes time to replace the In-Tank Wire Harness that connects to the fuel pumps and the pass through grommet. Add appropriate SRT code for tank depressurization and removal of service flange if applicable.	-	0.3
RCTT17A	Rear Bumper Removal for TPTS - Remove and Install	Includes removal of the rear bumper during the removal and installation of the TPTS. To be used in only in conjunction with RCTT09A.	Blue Bird	1
U - Underhood				
RCTU01A	FRPCM (Fuel Rail Pressure Control Module) - Remove and Install	Includes removal and installation of the FRPCM and fuel line connections	-	0.8
RCTU01B	FRPCM (Fuel Rail Pressure Control Module) - Remove and Install.	Includes removal and installation of the center console, FRPCM, and fuel line connections	E-Series	1
RCTU01C	FRPCM (Fuel Rail Pressure Control Module) - Remove and Install	Includes removal and installation of the FRPCM and fuel line connections	Gen 3 F-Series	1
RCTU02A	Bleed Port - Remove and Install	Includes removal and installation of the vent line and bleed port on the FRPCM	-	0.2
RCTU03A	Fuel Rail Assembly (1) - Remove and Install	Includes removal and installation of fuel rail assembly including spacer tubes	Blue Bird Vision	0.5
RCTU03B	Fuel Rail Assembly (1) - Remove and Install	Includes removal and installation of fuel rail assembly including spacer tubes	F-650/750	0.5
RCTU03C	Fuel Rail Assembly (1) - Remove and Install	Includes removal and installation of fuel rail assembly including spacer tubes	F-250-550, E-Series	0.7
RCTU03E	Fuel Rail Assembly (2) - Remove and Install	Includes removal and installation of both fuel rail assemblies including spacer tubes	Blue Bird Vision	1
RCTU03F	Fuel Rail Assembly (2) - Remove and Install	Includes removal and installation of both fuel rail assemblies including spacer tubes	F-650/750	1
RCTU03G	Fuel Rail Assembly (2) - Remove and Install	Includes removal and installation of both fuel rail assemblies including spacer tubes	F-250-550, E-Series	1.4
RCTU04A	Fuel Injector (1) - Remove and Install	Includes removal and installation of fuel injector retainer and fuel injector. Does not include fuel rail removal if required.	-	0.3
RCTU04B	Fuel Injector (2) - Remove and Install	Includes removal and installation of fuel injector retainer and fuel injector. Does not include fuel rail removal if required.	-	0.6

RCTU04C	Fuel Injector (3) - Remove and Install	Includes removal and installation of fuel injector retainer and fuel injector. Does not include fuel rail removal if required.	-	0.9
RCTU04D	Fuel Injector (4) - Remove and Install	Includes removal and installation of fuel injector retainer and fuel injector. Does not include fuel rail removal if required.	-	1.2
RCTU04E	Fuel Injector (5) - Remove and Install	Includes removal and installation of fuel injector retainer and fuel injector. Does not include fuel rail removal if required.	-	1.5
RCTU04F	Fuel Injector (6) - Remove and Install	Includes removal and installation of fuel injector retainer and fuel injector. Does not include fuel rail removal if required.	-	1.8
RCTU04G	Fuel Injector (7) - Remove and Install	Includes removal and installation of fuel injector retainer and fuel injector. Does not include fuel rail removal if required.	-	2.1
RCTU04H	Fuel Injector (8) - Remove and Install	Includes removal and installation of fuel injector retainer and fuel injector. Does not include fuel rail removal if required.	-	2.4
RCTU04I	Fuel Injector (9) - Remove and Install	Includes removal and installation of fuel injector retainer and fuel injector. Does not include fuel rail removal if required.	-	2.7
RCTU04J	Fuel Injector (10) - Remove and Install	Includes removal and installation of fuel injector retainer and fuel injector. Does not include fuel rail removal if required.	-	3
RCTU05A	Fuel Injector Spacer Tube (1) - Remove and Install	Includes removal and installation of fuel injector spacer tube and O-rings	-	0.2
RCTU05B	Fuel Injector Spacer Tube (2) - Remove and Install	Includes removal and installation of fuel injector spacer tube and O-rings	-	0.4
RCTU05D	Fuel Injector Spacer Tube (4) - Remove and Install	Includes removal and installation of fuel injector spacer tube and O-rings	-	0.8
RCTU05E	Fuel Injector Spacer Tube (5) - Remove and Install	Includes removal and installation of fuel injector spacer tube and O-rings	-	1
RCTU05F	Fuel Injector Spacer Tube (6) - Remove and Install	Includes removal and installation of fuel injector spacer tube and O-rings	-	1.2
RCTU05G	Fuel Injector Spacer Tube (7) - Remove and Install	Includes removal and installation of fuel injector spacer tube and O-rings	-	1.4
RCTU05H	Fuel Injector Spacer Tube (8) - Remove and Install	Includes removal and installation of fuel injector spacer tube and O-rings	-	1.6
RCTU05I	Fuel Injector Spacer Tube (9) - Remove and Install	Includes removal and installation of fuel injector spacer tube and O-rings	-	1.8
RCTU05J	Fuel Injector Spacer Tube (10) - Remove and Install	Includes removal and installation of fuel injector spacer tube and O-rings	-	2

RCTU05V	Fuel Injector Spacer Tube (3) - Remove and Install	Includes removal and installation of fuel injector spacer tube and O-rings	-	0.6
RCTU06A	Integrated Pressure Temperature Sensor (IPTS) - Remove and Install	Includes removal and installation of the IPTS	-	0.3
RCTU07A	Fuel Rail Allen Plug - Remove and Install	Includes removal and installation of fuel rail allen plug	-	0.2
RCTU08A	FRPCM Vapor Hose Assembly - Remove and Install	includes removal and installation of the vapor hose assembly connected to the FRPCM	-	0.2
RCTU09A	Cooling Fan - Remove and Install	Includes removal and installation of the cooling fan and fan shroud.	-	0.4
RCTU09B	Cooling Fan Clutch - Remove and Install	Includes removal and installation of the cooling fan clutch	-	0.4