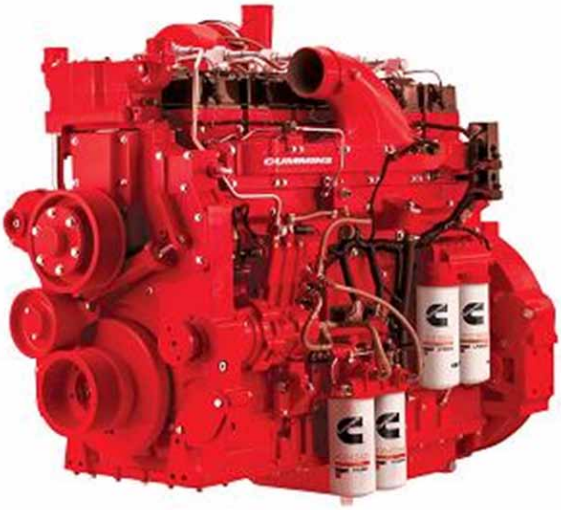
How to spec a ReCon® Engine at QSOL

The objective of this training session is to provide a walk-thru session on how to get specifications on ReCon Engines

Tool Benefits

- Better understand the available searching options through new customer friendly descriptions
- Download search results to an Excel spreadsheet for easier utilization
- All inactive part numbers have been removed from the data and will not longer be displayed in the search results

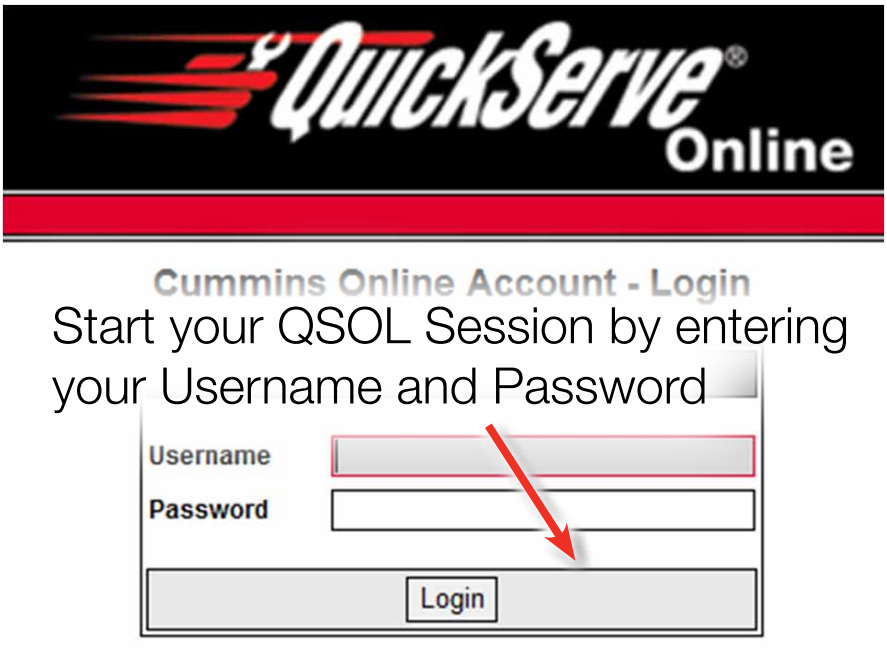


What is the "Search active part numbers available for purchase" Tool?

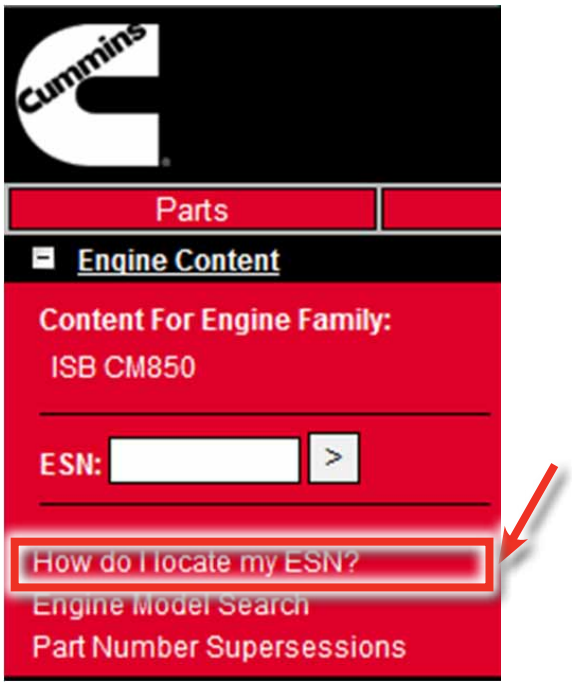
The "Search active part numbers available for purchase" Tool is a method for quoting ReCon Engine replacements for when a customer can not obtain a Cummins Option list. It is used when a customer is looking directly at the engine and they can note item like the Oil Pan Sump Location, Exhaust manifold or Turbo location, Fuel Pump rating from the engine data tag, Air Compressor Make and Model, or any other unique item that their engine may have.

This tool can be found in Quickserve (QSOL) in the ReCon Engines, Short Block & Long Block data base.

How to Find My Engine Serial Number (ESN)?



Start your QSOL Session by entering your Username and Password



Then select the link of “How do I locate my Engine Serial Number (ESN)?

Results will show the different options that you can use to physically locate the ESN

- A Hard copy of an Owners Manual or an Operation and Maintenance Manual (Go to the section titled “Engine Identification”).
- Online Manuals (there are provided the steps that you need to follow)
- Instructions that you can follow in the case you don’t have access to a hard copy manual.

How to Find My Engine Serial Number (ESN)?

In general, Cummins engine serial numbers consist of eight (8) digits, e.g. 79012323.

If you have a hard copy of an **Owners Manual** or an **Operation and Maintenance Manual** or if you already have access to the online manuals, there is a procedure that describes how to find the engine serial number on your engine's dataplate. These steps will show you how to find that procedure and locate your engine serial number.

When using a **hard copy** manual go to the section titled "Engine Identification". This will show you where to find your engine serial number.

When using an **online** manual, follow these steps:

1. Click on "Engine Family Search" link in the left column of QuickServe Online.
2. Select your engine family from the drop down menu.
   - Note: If you are not sure which engine family to select, call 1-800-DIESELS, and they can help you determine the correct engine family for your engine.
3. Click "Search". It is not required that you select a Fuel System, Application or Build Year.
4. Click on the "Service" tab located across the top of the page.
5. Click on "Owners Manual" or "Operation and Maintenance Manual."
6. Select the appropriate manual.
7. Open the section titled "Engine Identification". This will show you where to find your engine serial number.

If you do not have access to a manual the following instructions tell you where to physically find the ESN on the engine. This will vary based on the engine model. Please note that if your engine dataplate is missing or is not readable, the ESN is identified on the engine block.

ISM:

The dataplate is located on the fuel pump side of the engine, on the rocker housing. The following information is shown on the dataplate:

- Engine Serial Number (ESN)
- Critical Parts List (CPL)
- Model
- Horsepower and RPM rating

Instructions to find physically the ESN on the engine

Engine Model	ISM	ISX	ISB	ISC & ISL	QSK45 and QSK60:
Data plate Location	Located on the fuel pump side of the engine, on the rocker housing	Located on top of the rocker lever cover	Typically located on the engine rocker cover, but may be located on the side of the gear housing	Located on the top side of the gear housing	Located at the rear of the engine block opposite the starter
Information is shown on the dataplate	1. Engine Serial Number (ESN) 2. Critical Parts List (CPL) 3. Model 4. Horsepower and RPM rating 5. Emission statement (if applicable)	1. Engine Serial Number (ESN) 2. Critical Parts List (CPL) 3. Model 4. Horsepower and RPM rating	1. Engine Serial Number (ESN) 2. Critical Parts List (CPL) **Note I**: ISB engines are produced worldwide. The data plates used on engines may differ in appearance and location of information. **Note II**: If the engine dataplate is not readable, the engine serial number can be identified on the engine block on top of the lubricating oil cooler housing	1. Engine Serial Number (ESN) 2. Critical Parts List (CPL) 3. Model 4. Horsepower and RPM rating **Note:** If the engine dataplate is not readable, the engine serial number can be identified on the engine block on top of the lubricating oil cooler housing	1. Engine Serial Number (ESN) 2. Critical Parts List (CPL) 3. Horsepower and RPM rating

Why do You need the ESN?

Why do You need the ESN?

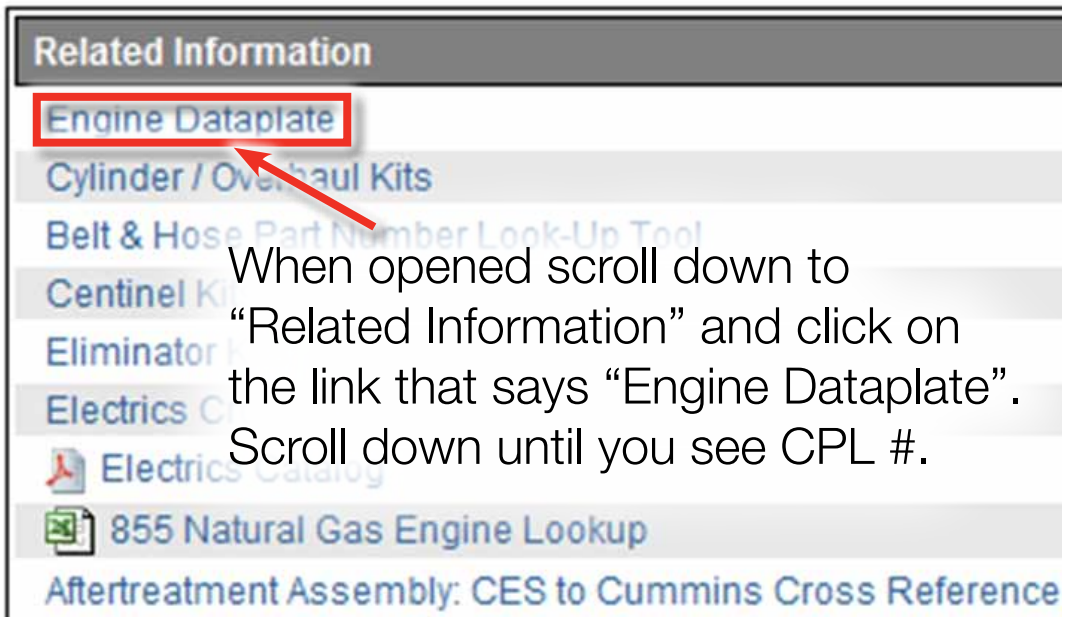
- Attempting to organize the information by Common part numbers, Engine Model, Engine Application, CPL, etc. might seen to make your life simpler; but take into consideration that part numbers vary –no matter how similar engines might seem!
- ESN identifies the correct part. Know the serial number and you will know the right part –the first time!

How to find CPL Number

To find the CPL number if you have the Engine Serial Number (ESN):

Next you will click the Parts link at the upper left side right under the Cummins C.

There is a box on the left side right below the statements “Content for Engine Serial Number (ESN)”. Enter you ESN into that box and hit enter or the “>” box



When opened scroll down to "Related Information" and click on the link that says "Engine Dataplate". Scroll down until you see CPL #.

BASE ENGINE INFORMATION	
Upfit	Original
Engine Serial Number	45367623
Vehicle ID Number	
Shop Order #	SO94427
Plant	CNS - CONSOLIDATED DIESEL CO.
Build Date	08 Jun 1996
Warranty Start Date	
Customer Number	
Customer Name	
ECM Code	ot Available For This Engine
Fuel Pump Part #	3916923
Fuel Pump Calibration	
Film Card	T
Engine Config #	D402038CC12
CPL #	CPL938
EPA Model Name	
Marketing Model Name	B5.9-C152
Service Model Name	B5.9

Scroll down until you see CPL #.

What Does Critical Parts List (CPL) mean?

- This Critical Parts List (CPL) Manual is a listing of basic parts and timing specifications which are necessary to produce a given engine performance. By reference to CPL numbers stamped on the engine dataplate, this list can be used to identify parts within an engine. These parts then determine whether a fuel pump calibration is suitable for that engine.

- The CPL number is stamped on the engine data (name) plate and is listed with the fuel pump calibration values in the pump calibration manuals for full cross reference of information.

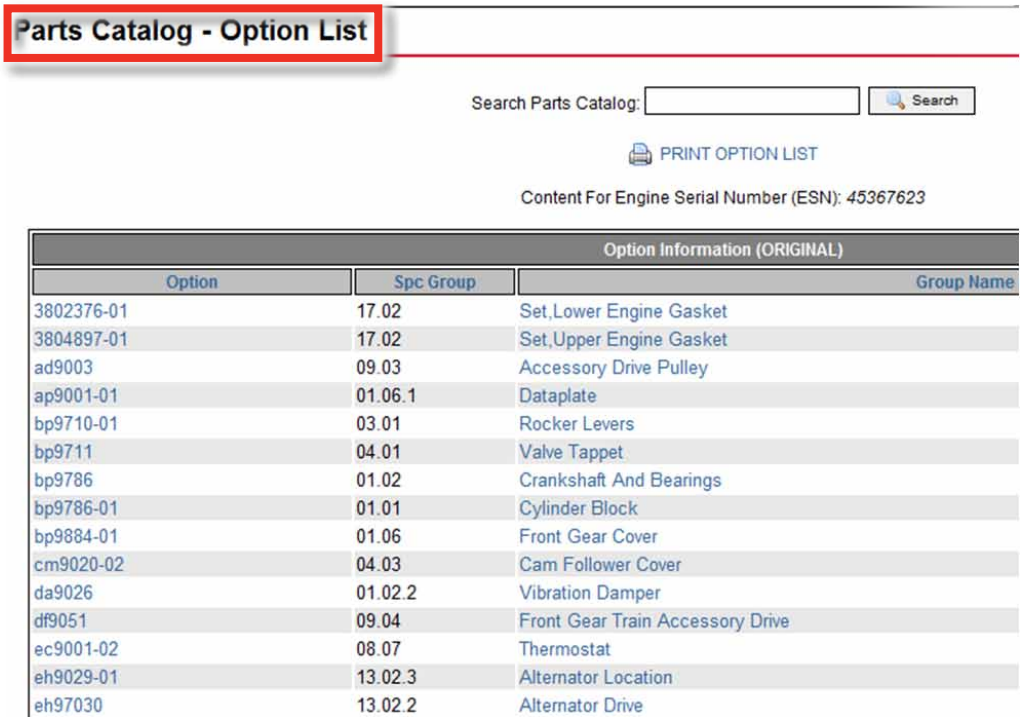
- Any of the engine models on the CPL list that can be built with any combination of the engine parts tabulated on that CPL without affecting engine performance or certification requirements. To insure that the correct parts are used for a specific application, cross check the CPL content with the Original Engine Parts list for the engine configuration.

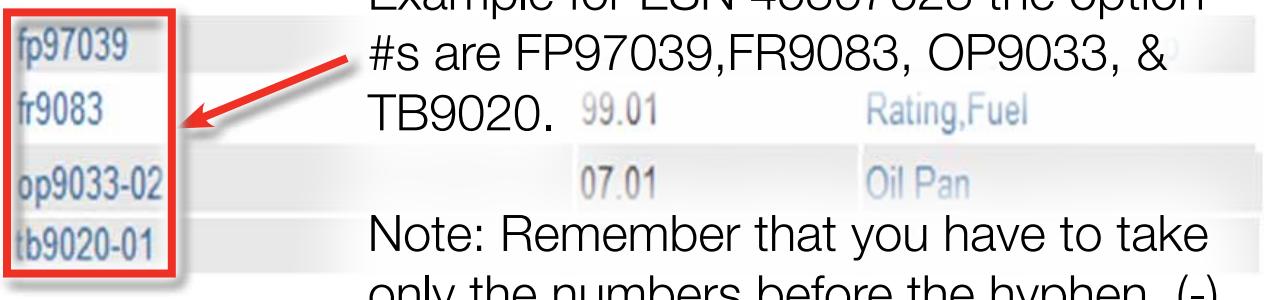
How to Find Part Information Based on Option Codes.

Go back to Parts link and hit Part Catalog to obtain customer's ESN Build sheet

Option	Description
FP	Fuel Pump
FR	Fuel rate option
TB	Turbo location
OP	Oil Pan location
CP	Air Compressor (if it applies)

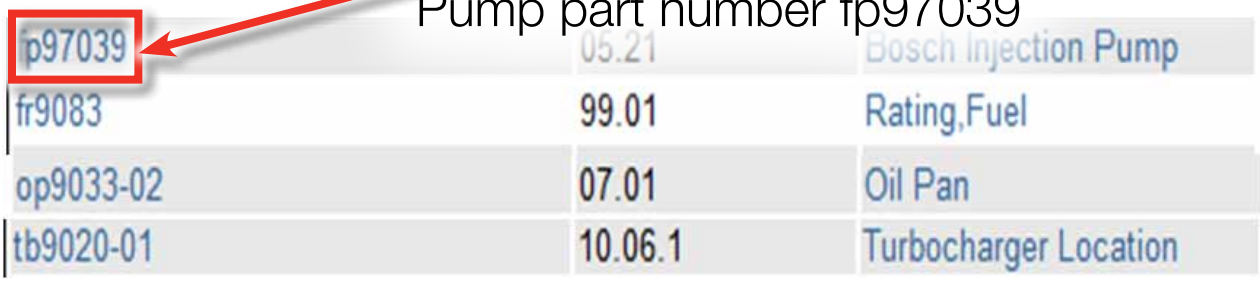
When that opens scroll down to look for the option #s for the FP, FR, TB/ XM, OP, & CP (if installed by factory).



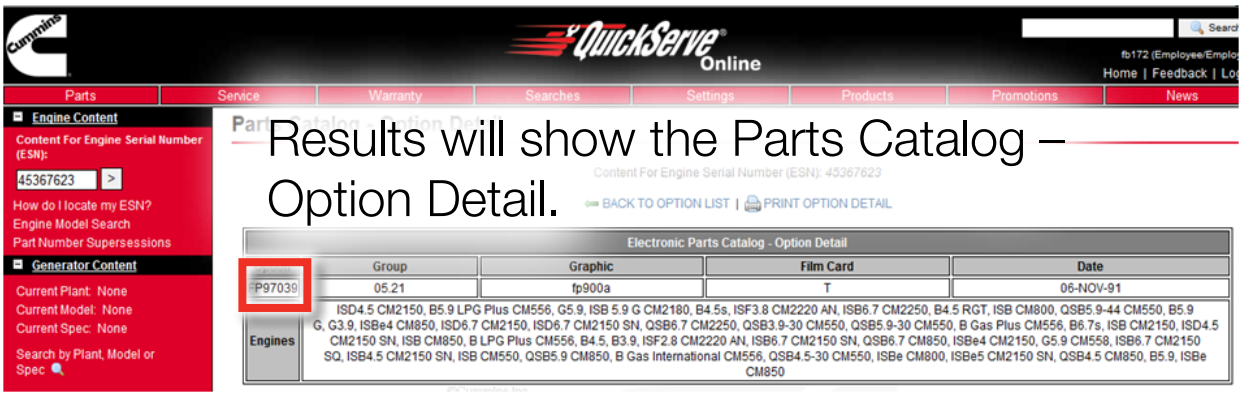


Example for ESN 45367623 the option #s are FP97039,FR9083, OP9033, & TB9020.

Note: Remember that you have to take only the numbers before the hyphen (-)



To find the HP Rating click on the Fuel Pump part number fp97039



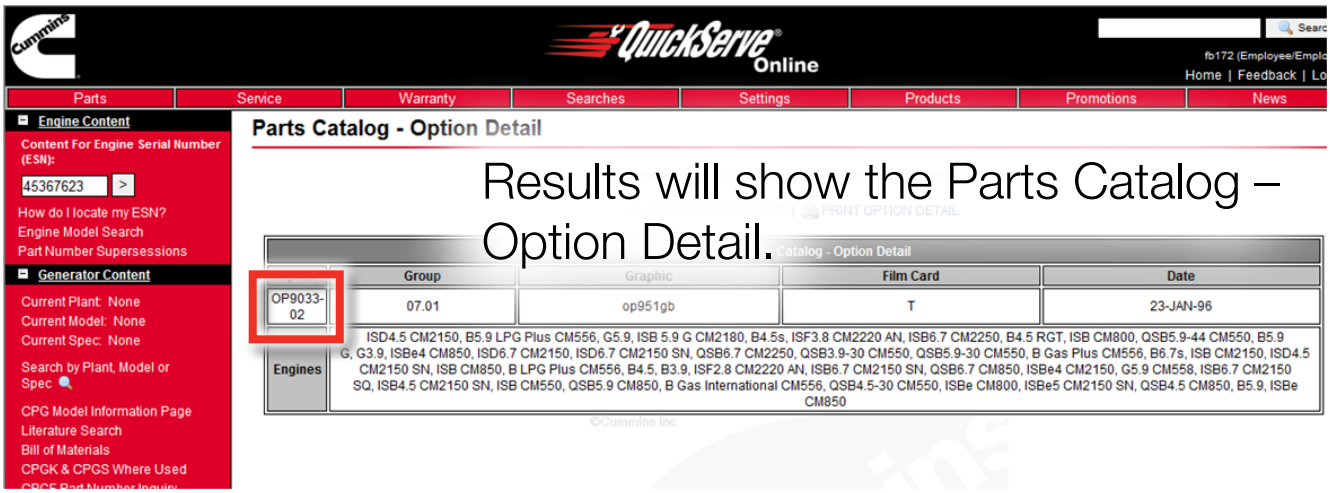
Results will show the Parts Catalog – Option Detail.

Ref No	Part Number	For-Sale	Shopping Cart	Part Name	Required	Remarks
	FP97039	NO		Bosch Injection Pump		CPL#0938 Dry/CPL#0949 Wet
						"VE" type (Non Certified)
						fuel pump for 142 BHP for
						turbocharged "B" series 6
						cylinder engine at 2100 RPM
						with peak torque of 400 lbs.
						ft. at 1600 RPM. Has 24 volt
						atr fuel solenoid and 2.0mm
						tubing. With FR9083.
1	3916923	YES	ADD	Pump, Fuel Injection	1	Recon equivalent 3916923 RX

Then scroll down until find the Remarks

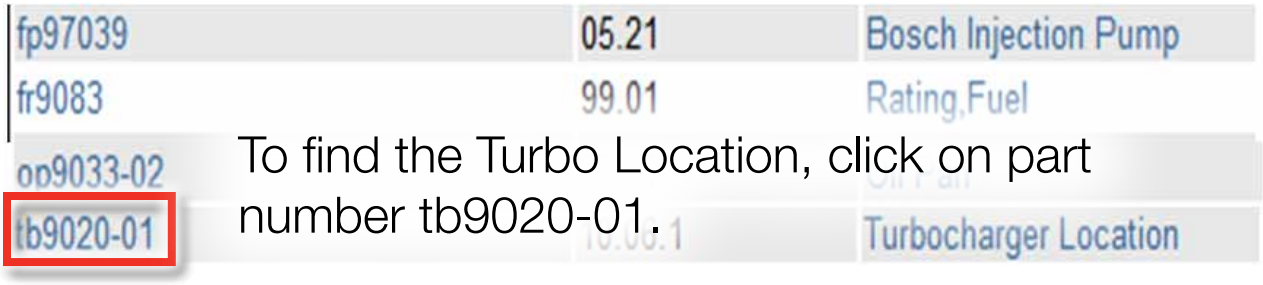
fs9052-03	05.19	Fuel System Accessories
ft9785-02	06.03	Fuel Plumbing
fv9002	05.06	Bosch Fuel Shutoff Valve
fw9222	16.02	Flywheel
la9007	17.06	Lifting Bracket
lc9020	07.05	Engine Oil Cooler
lg9177-02	07.02	Gauge,Oil Level
lp9014	07.06	Lube Oil Pump
ob9000	01.08	Cylinder Block Cover
ob9704		Cylinder Block Cover
op9033-02		
op9715		
pp938	01.07	Camshaft
pp938	01.04	Connecting Rod And Piston

To know the Oil Pan Sump Location, click on Oil Pan part number op9033-02

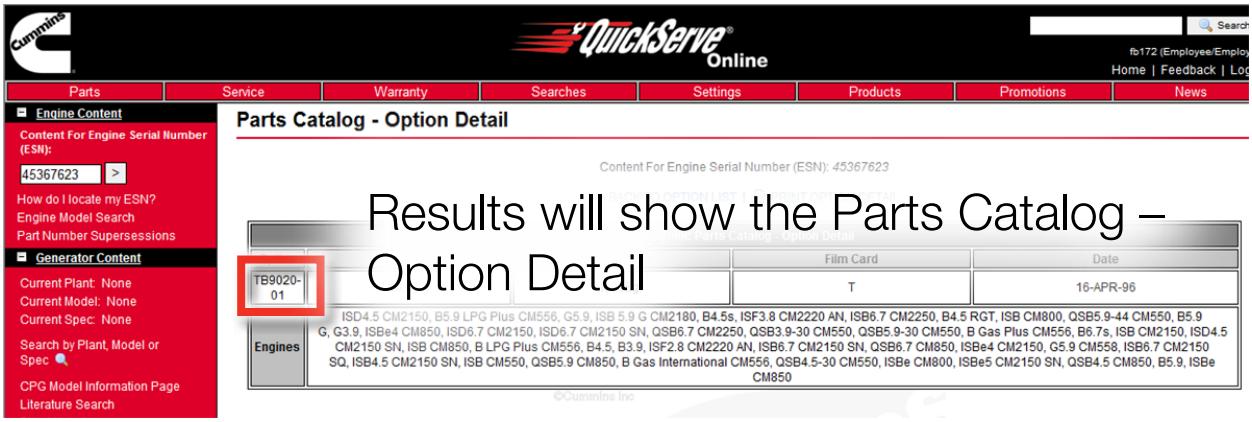


Ref No	Part Number	For-Sale	Shopping Cart	Part Name	Required	Remarks
	OP9033-02	NO		Oil Pan		Oil Pan
						Family: B Series
						Cylinders: 6
						Sump Style: Deep
						Sump Location: Center
						Oil Pan Material: Cast
						Aluminum
						Drain Location: Bottom
						Pan High Capacity (QT): 15
						Pan Low Capacity (QT): 13
						Front Up Angularity (DEG): 40
						Front Down Angularity (DEG):
						40

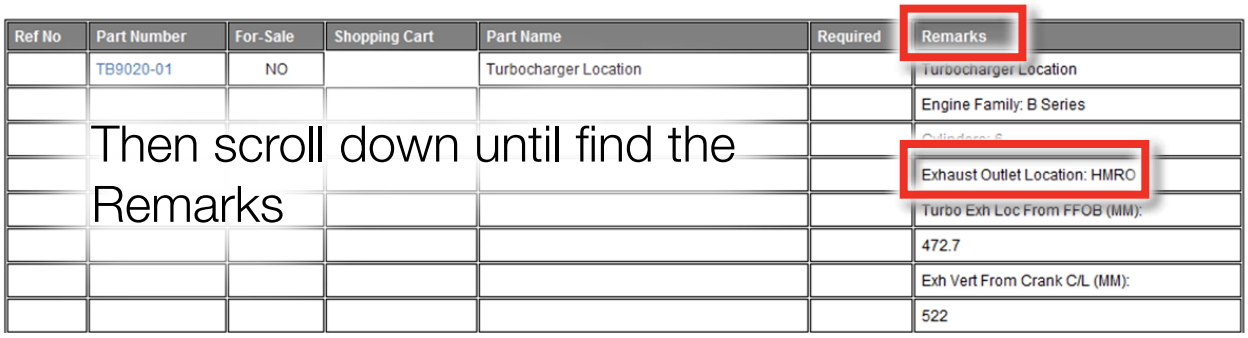
Then scroll down until find the Remarks



To find the Turbo Location, click on part number tb9020-01.



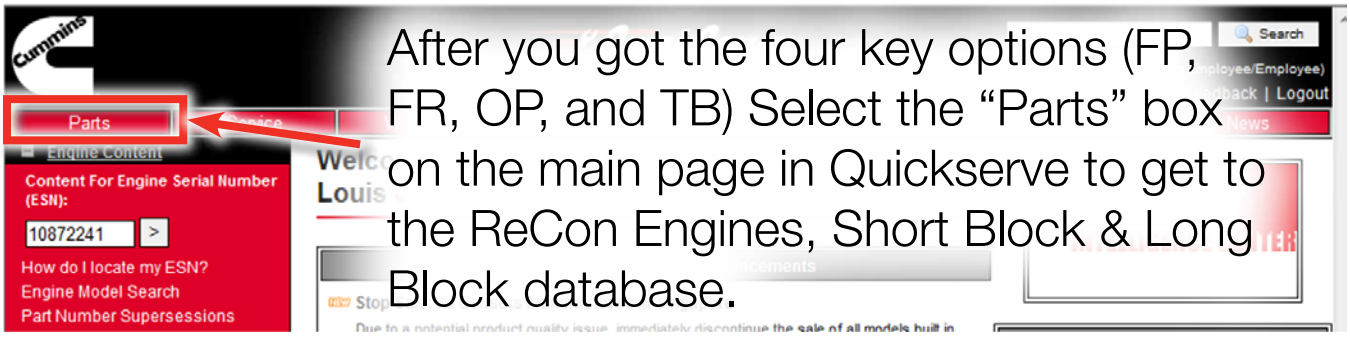
Results will show the Parts Catalog – Option Detail



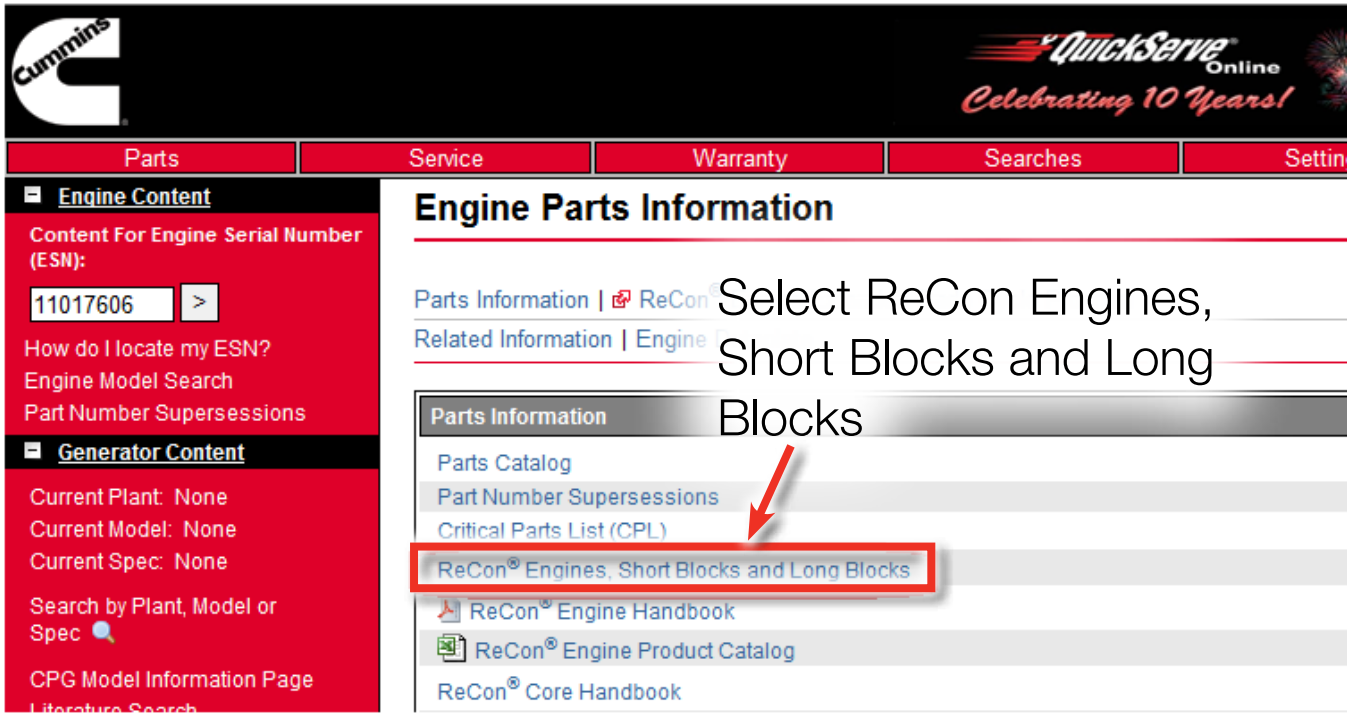
Ref No	Part Number	For-Sale	Shopping Cart	Part Name	Required	Remarks
	TB9020-01	NO		Turbocharger Location		Turbocharger Location
						Engine Family: B Series
						Exhaust Outlet Location: HMRO
						Turbo Exh Loc From FFOB (MM):
						472.7
						Exh Vert From Crank C/L (MM):
						522

Then scroll down until find the Remarks

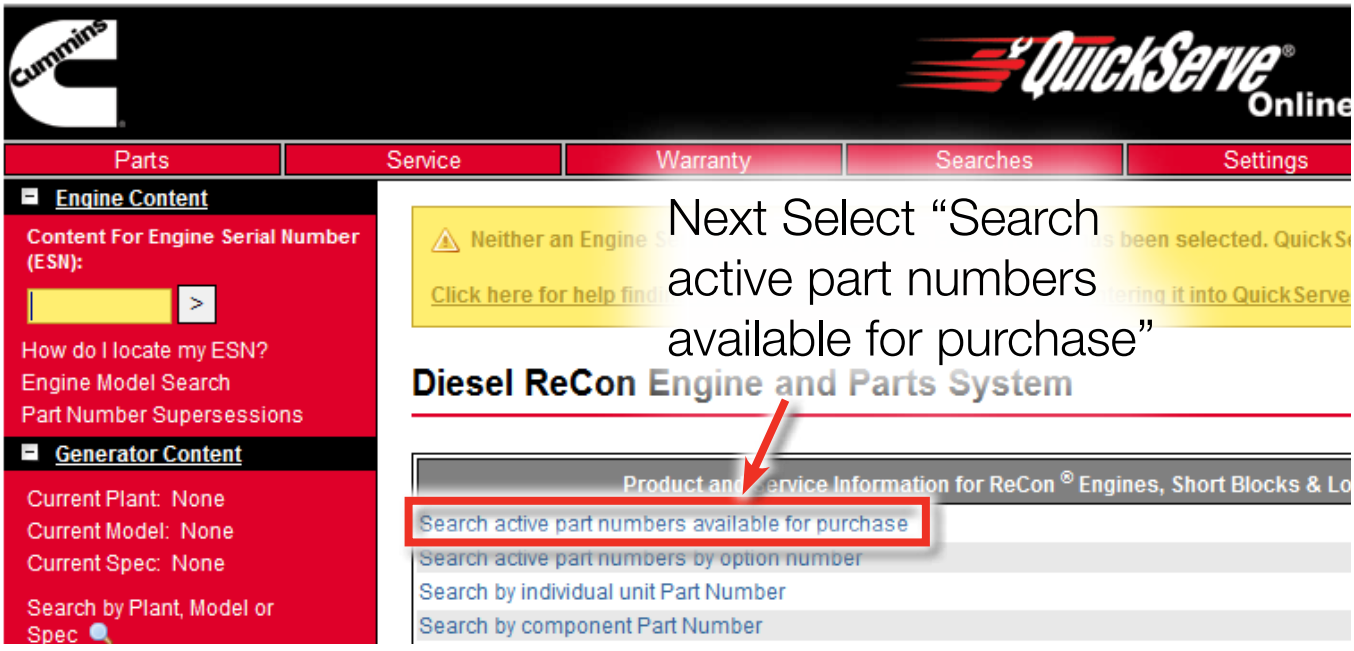
Finding Information on Engines and Blocks.



After you got the four key options (FP, FR, OP, and TB) Select the "Parts" box on the main page in Quickserve to get to the ReCon Engines, Short Block & Long Block database.

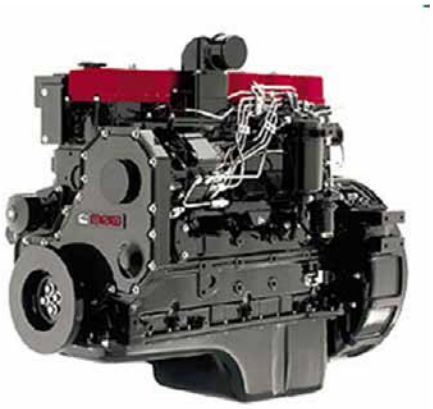


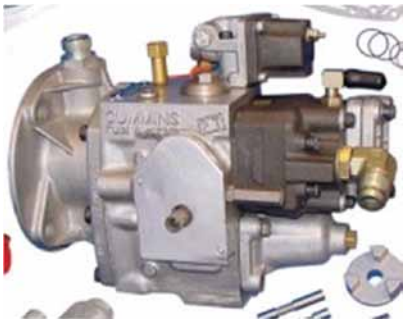
Select ReCon Engines, Short Blocks and Long Blocks

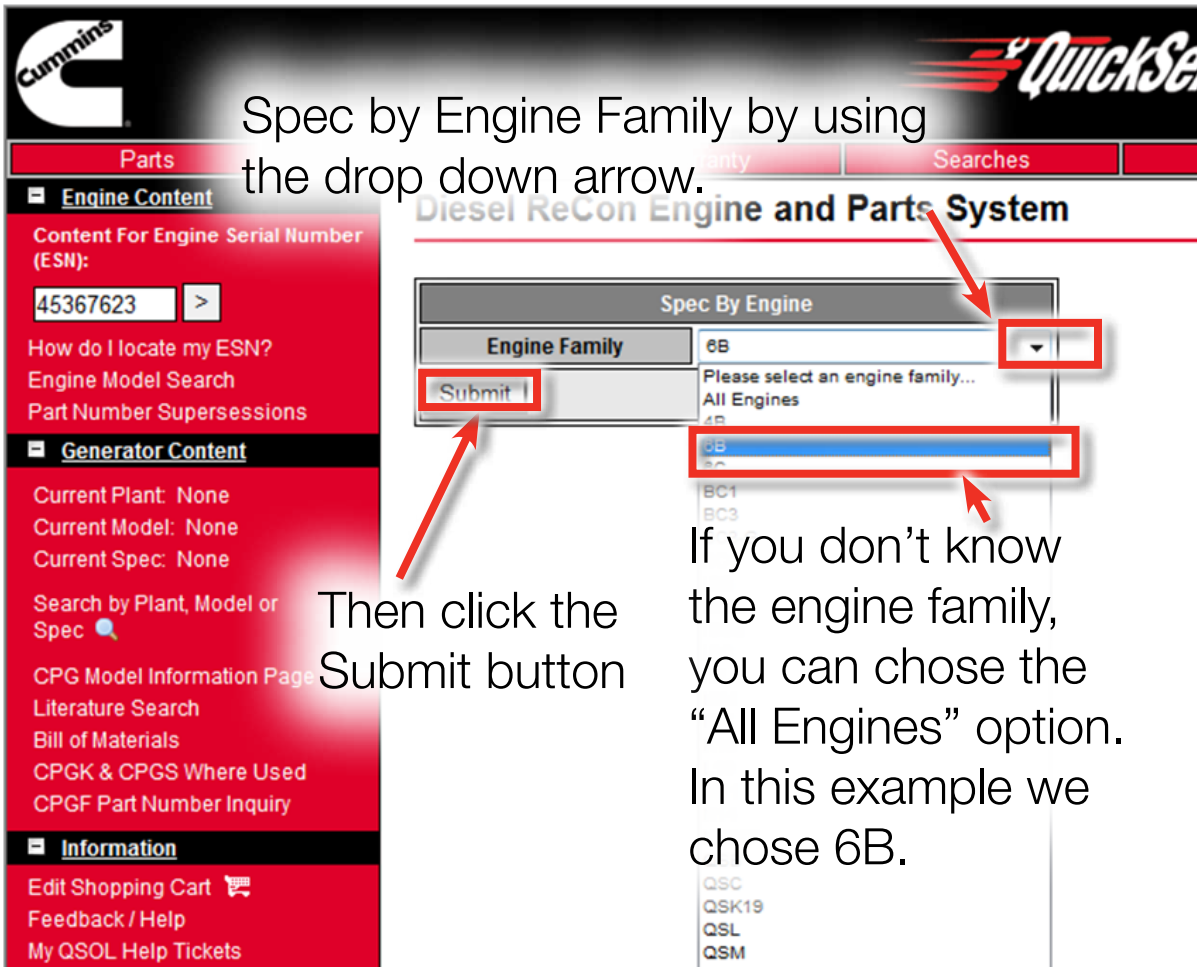


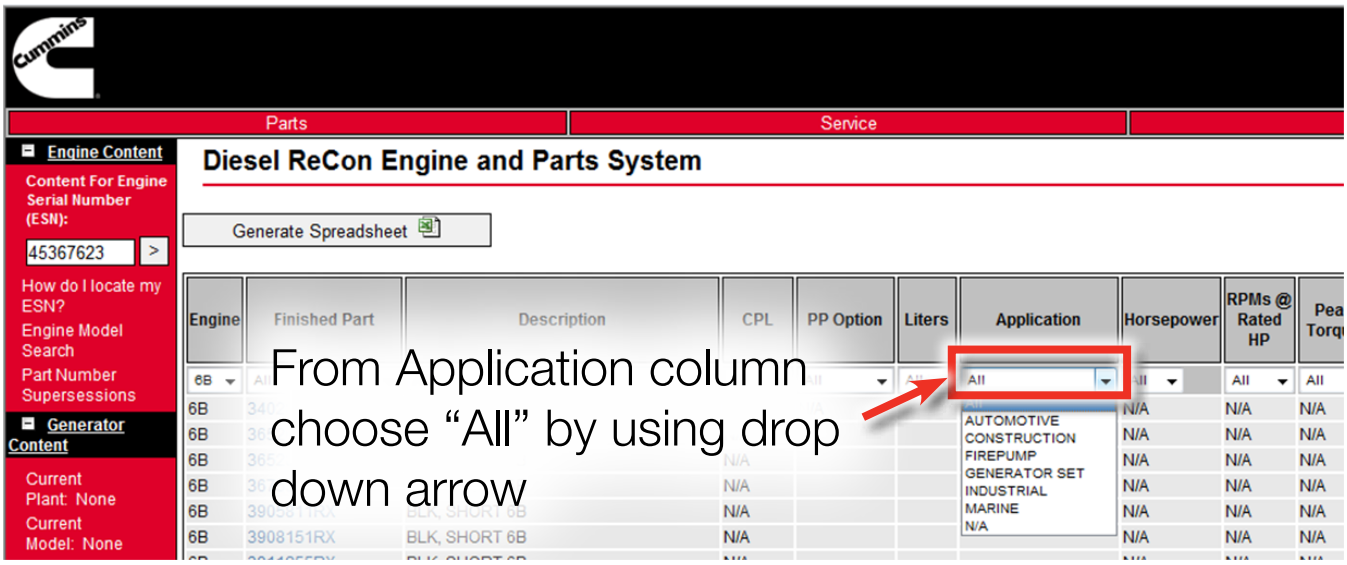
Next Select "Search active part numbers available for purchase"

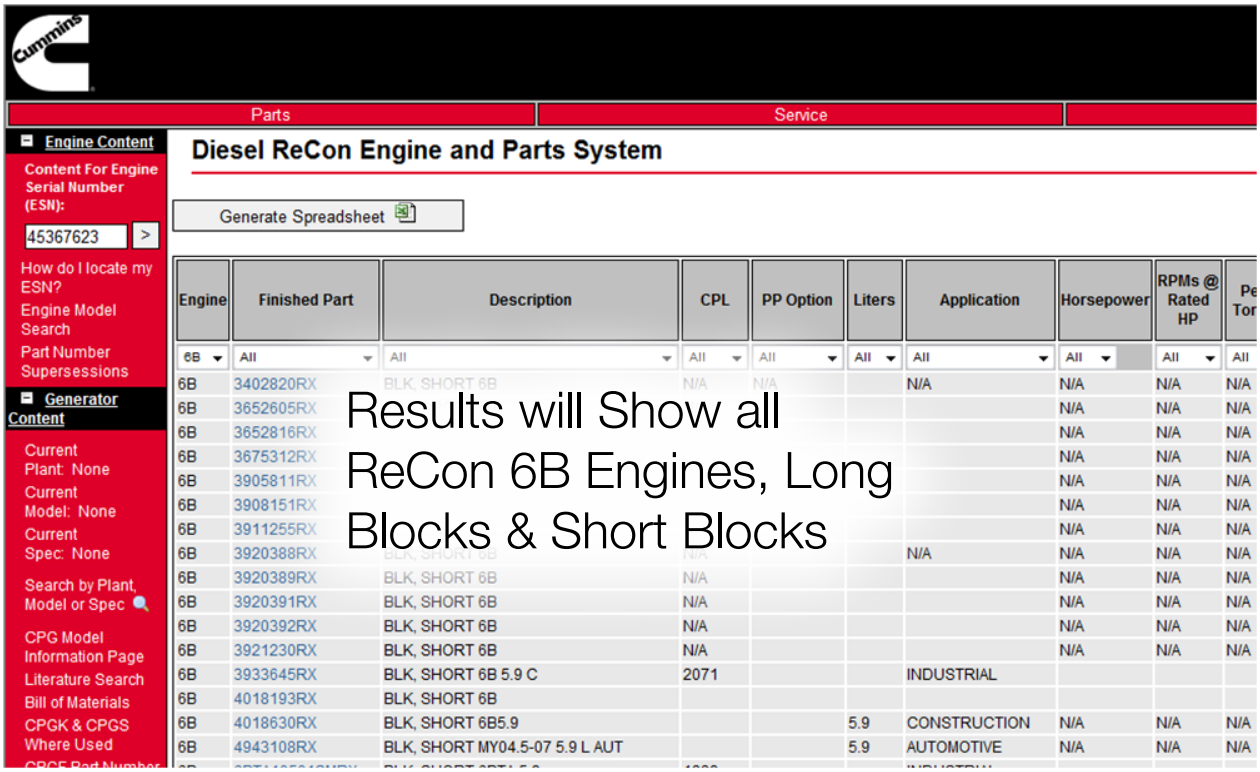
The alternatives would be different depending of the Engine Serial Number



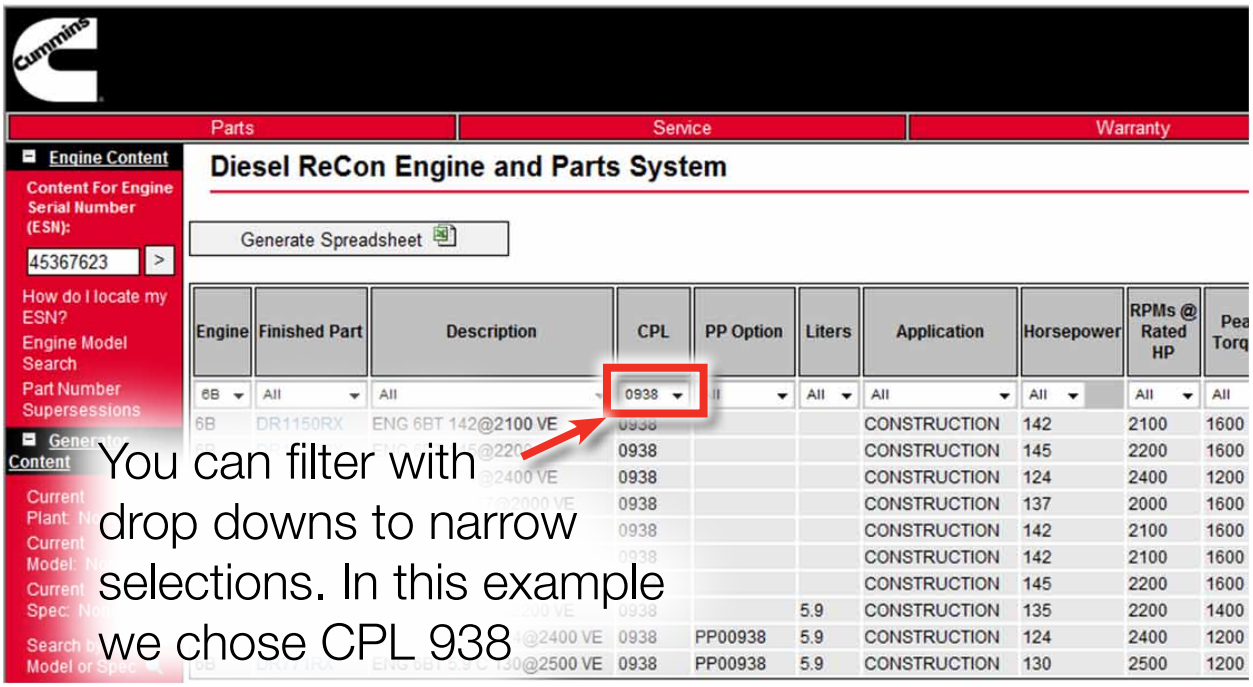



Spec by Engine Family by using the drop down arrow.
Parts
Searches
Engine Content
Content For Engine Serial Number (ESN):
45367623
How do I locate my ESN?
Engine Model Search
Part Number Supersessions
Generator Content
Current Plant: None
Current Model: None
Current Spec: None
Search by Plant, Model or Spec
CPG Model Information Page
Literature Search
Bill of Materials
CPGK & CPGS Where Used
CPGF Part Number Inquiry
Information
Edit Shopping Cart
Feedback / Help
My QSOL Help Tickets
Diesel ReCon Engine and Parts System
Spec By Engine
Engine Family
6B
Submit
Please select an engine family...
All Engines
6B
BC1
BC3
QSC
QSK19
QSL
QSM
Then click the Submit button
If you don't know the engine family, you can chose the "All Engines" option. In this example we chose 6B.


Parts
Service
Engine Content
Content For Engine Serial Number (ESN):
45367623
How do I locate my ESN?
Engine Model Search
Part Number Supersessions
Generator Content
Current Plant: None
Current Model: None
Diesel ReCon Engine and Parts System
Generate Spreadsheet
Engine
Finished Part
Description
CPL
PP Option
Liters
Application
Horsepower
RPMs @ Rated HP
6B
3908151RX
BLK, SHORT 6B
N/A
All
AUTOMOTIVE
CONSTRUCTION
FIREPUMP
GENERATOR SET
INDUSTRIAL
MARINE
N/A
From Application column choose "All" by using drop down arrow

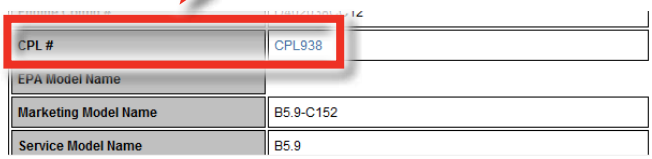


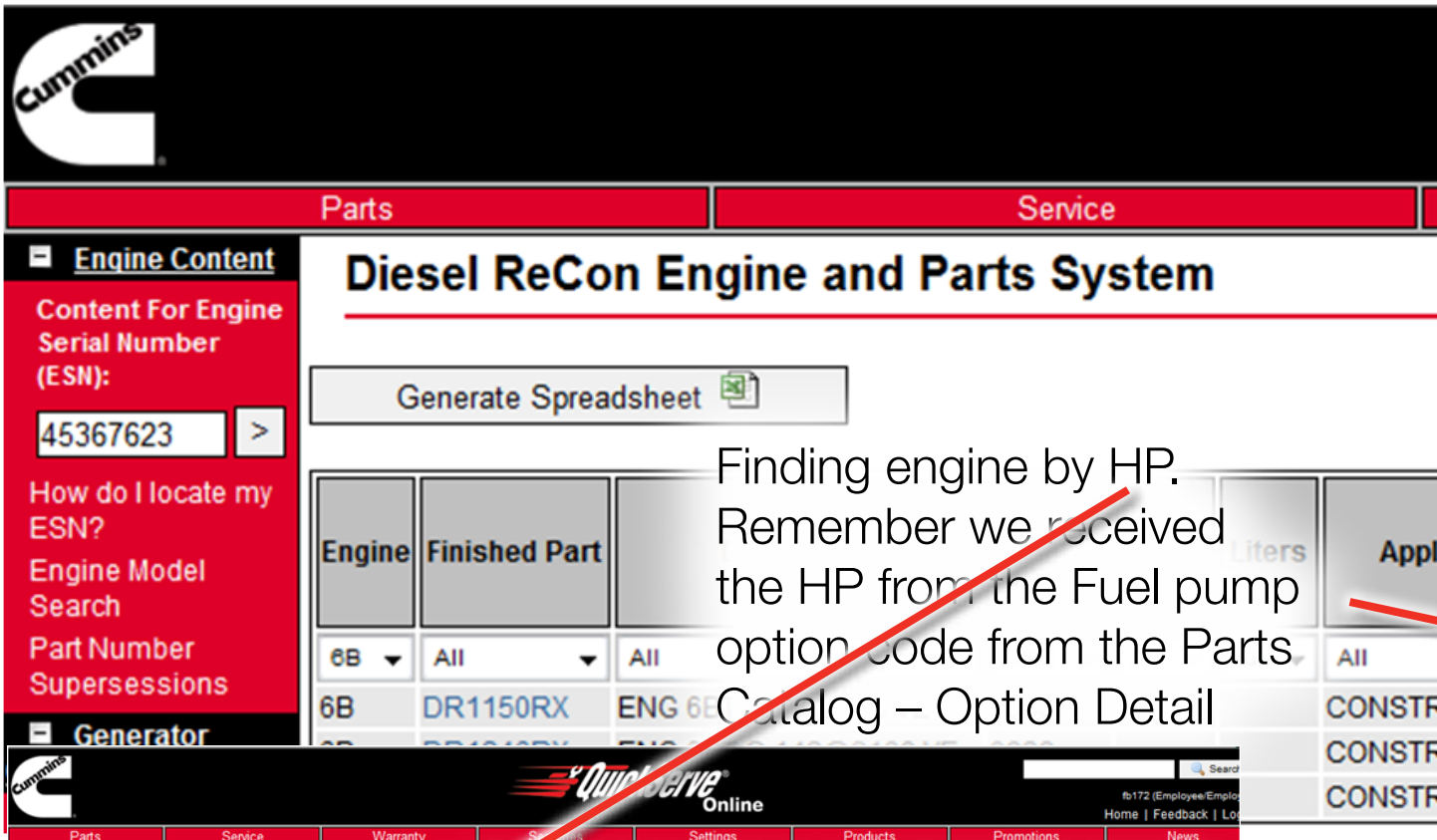
Results will Show all ReCon 6B Engines, Long Blocks & Short Blocks

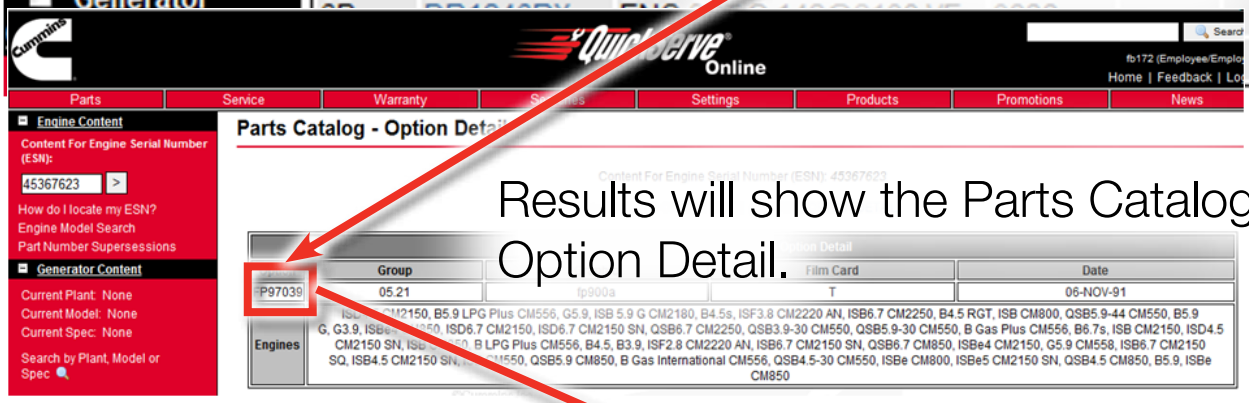


You can filter with drop downs to narrow selections. In this example we chose CPL 938

Remember we got the CPL from the by Clicking on Engine Dataplate

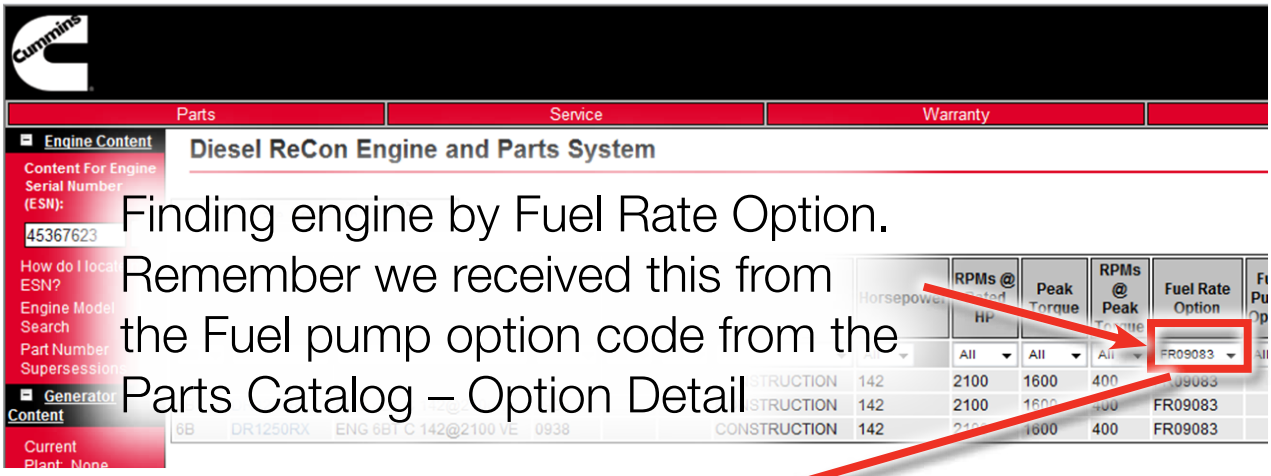






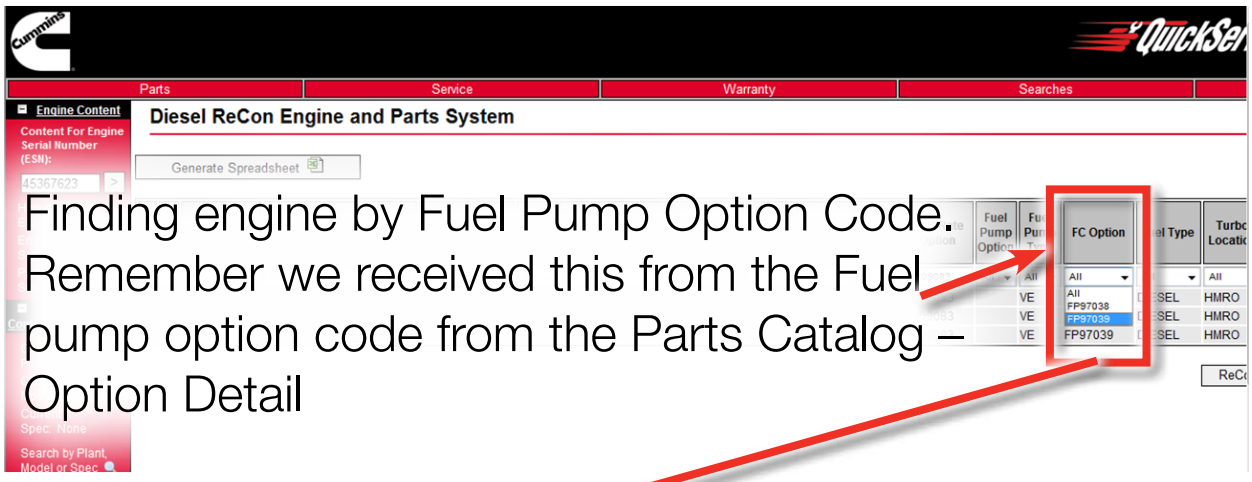
Ref No	Part Number	For-Sale	Shopping Cart	Part Name	Required	Remarks
	FP97039	NO		Bosch Injection Pump		CPL#0938 Dry/CPL#0949 Wet
						"VE" type (Non Certified)
						fuel pump for 142 BHP for
						turbocharged "B" series 6
						cylinder engine at 2100 RPM
						with peak torque of 400 lbs.
						ft. at 1600 RPM. Has 24 volt
						atr fuel solenoid and 2.0mm
						tubing. With FR9083.
1	3916923	YES	ADD	Pump, Fuel Injection	1	Recon equivalent 3916923 RX

Then scroll down until find the Remarks



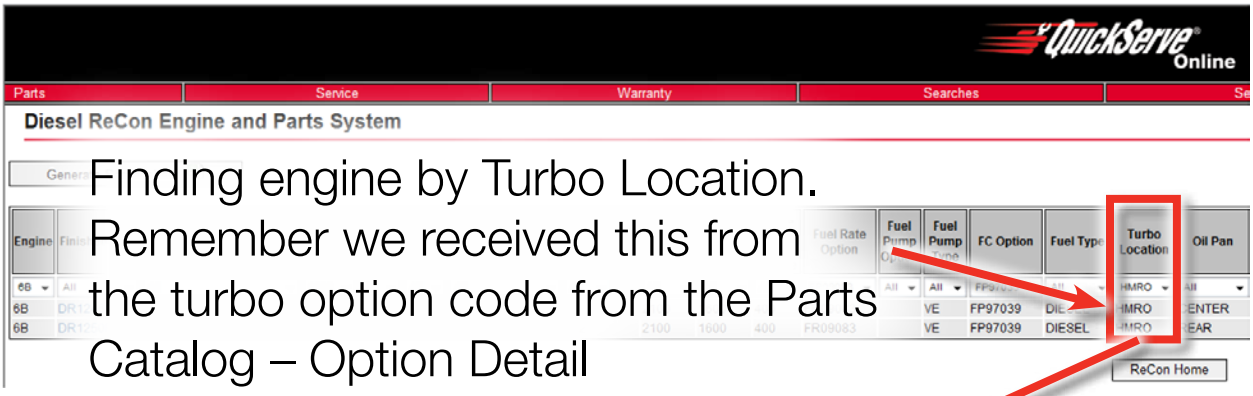
Finding engine by Fuel Rate Option. Remember we received this from the Fuel pump option code from the Parts Catalog – Option Detail

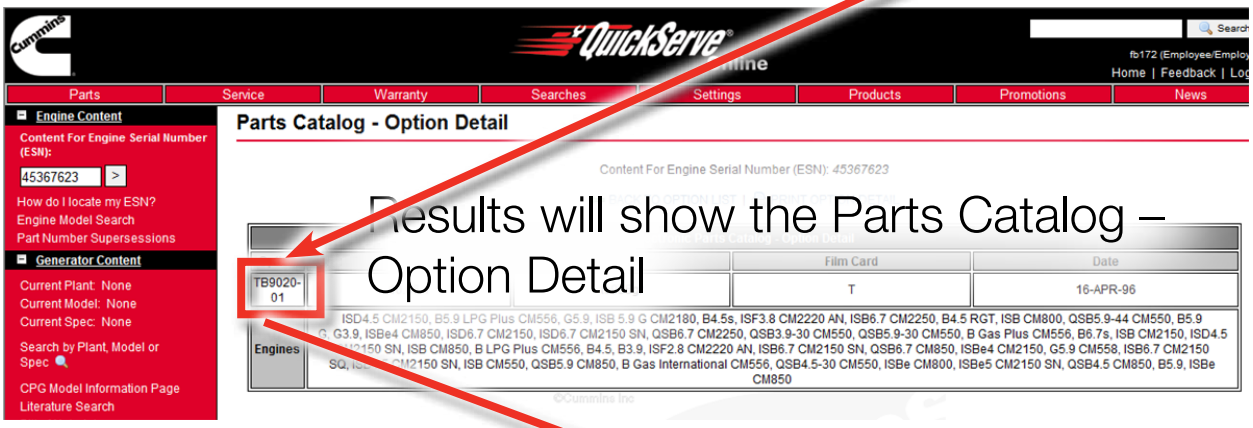
fp97039	05.21	Bosch Injection Pump
fr9083	99.01	Rating,Fuel
op9033-02	07.01	Oil Pan
tb9020-01	10.06.1	Turbocharger Location

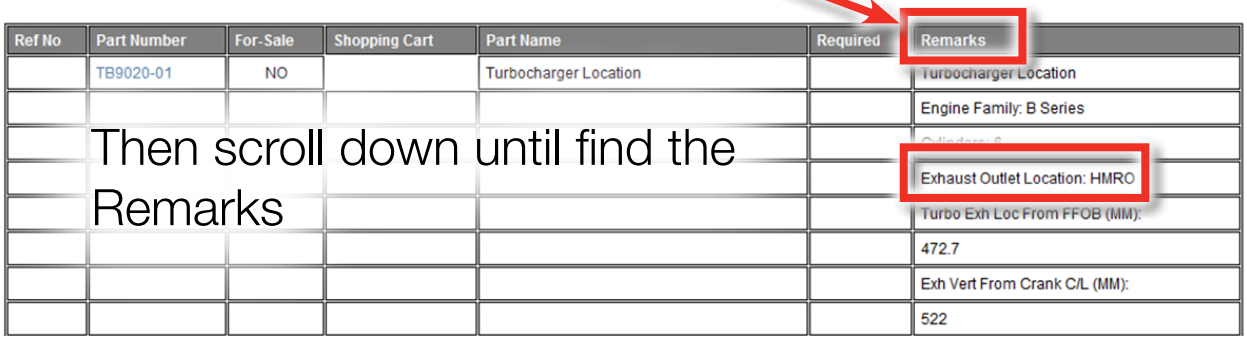


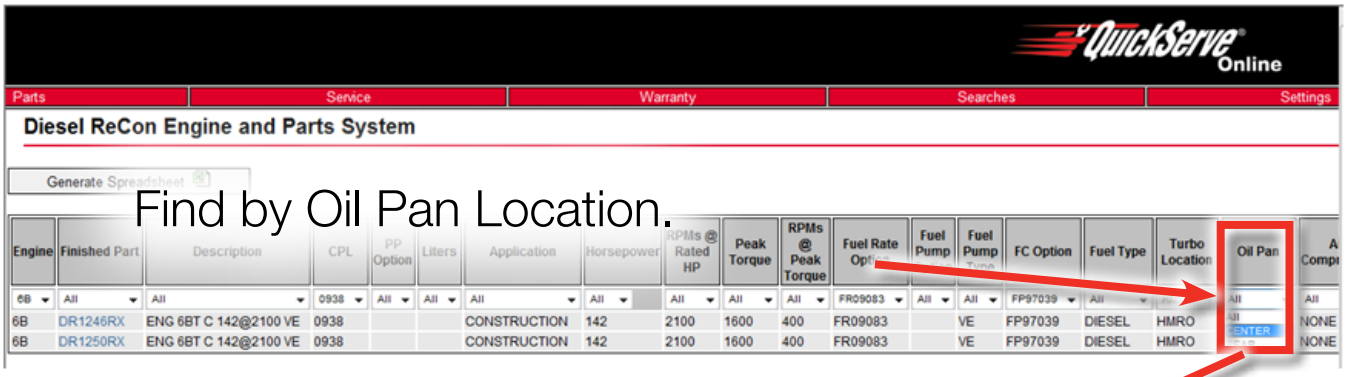
Finding engine by Fuel Pump Option Code. Remember we received this from the Fuel pump option code from the Parts Catalog – Option Detail

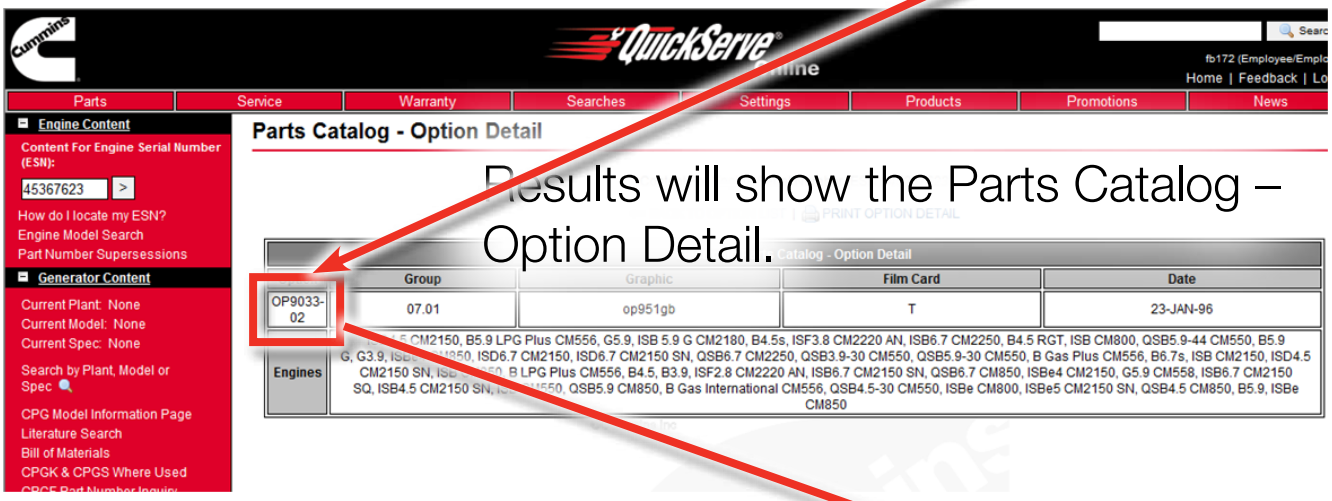
fp97039	05.21	Bosch Injection Pump
fr9083	99.01	Rating,Fuel
op9033-02	07.01	Oil Pan
tb9020-01	10.06.1	Turbocharger Location


QuickServe Online
Parts
Service
Warranty
Searches
Diesel ReCon Engine and Parts System
Finding engine by Turbo Location.
Remember we received this from the turbo option code from the Parts Catalog – Option Detail
Engine
Fuel Rate Option
Fuel Pump
Fuel Pump
FC Option
Fuel Type
Turbo Location
Oil Pan
6B
6B
VE
FP97039
DIESEL
HMRO
ReCon Home


QuickServe Online
Parts
Service
Warranty
Searches
Settings
Products
Promotions
News
Home | Feedback
Engine Content
Content For Engine Serial Number (ESN):
45367623
How do I locate my ESN?
Engine Model Search
Part Number Supersessions
Generator Content
Current Plant: None
Current Model: None
Current Spec: None
Search by Plant, Model or Spec
CPG Model Information Page
Literature Search
Parts Catalog - Option Detail
Content For Engine Serial Number (ESN): 45367623
Results will show the Parts Catalog – Option Detail
TB9020-01
Film Card
Date
T
16-APR-96
Engines

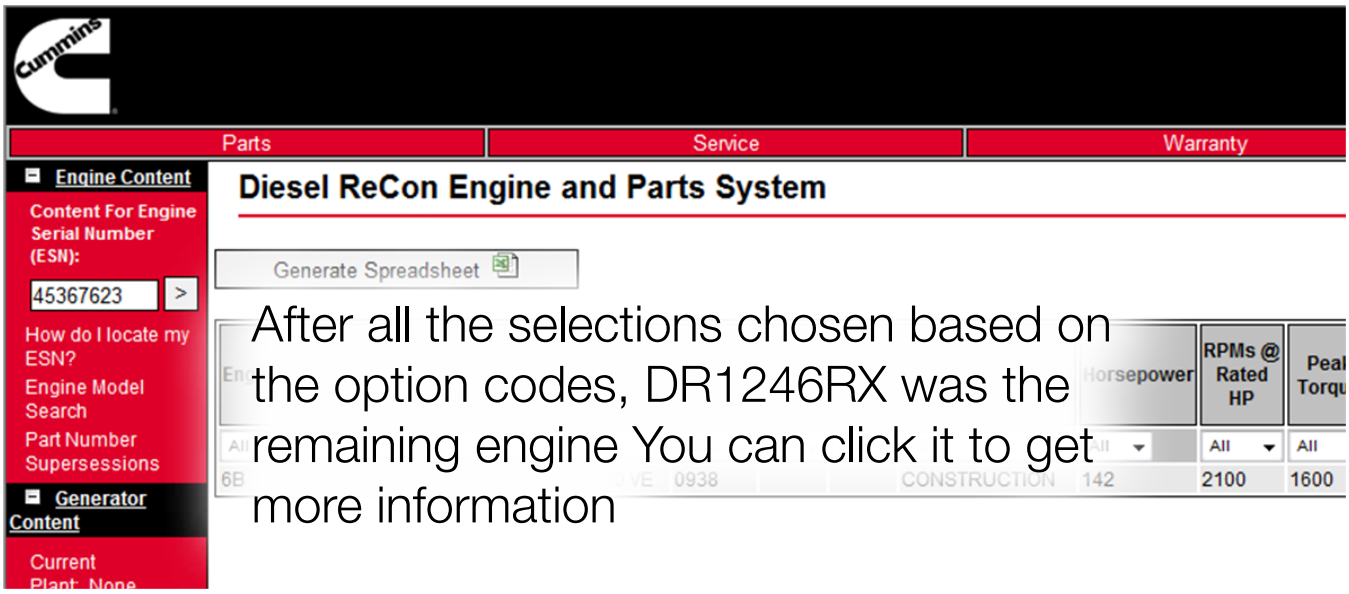

Ref No
Part Number
For-Sale
Shopping Cart
Part Name
Required
Remarks
TB9020-01
NO
Turbocharger Location
Turbocharger Location
Engine Family: B Series
Then scroll down until find the Remarks
Exhaust Outlet Location: HMRO
Turbo Exh Loc From FFOB (MM):
472.7
Exh Vert From Crank C/L (MM):
522

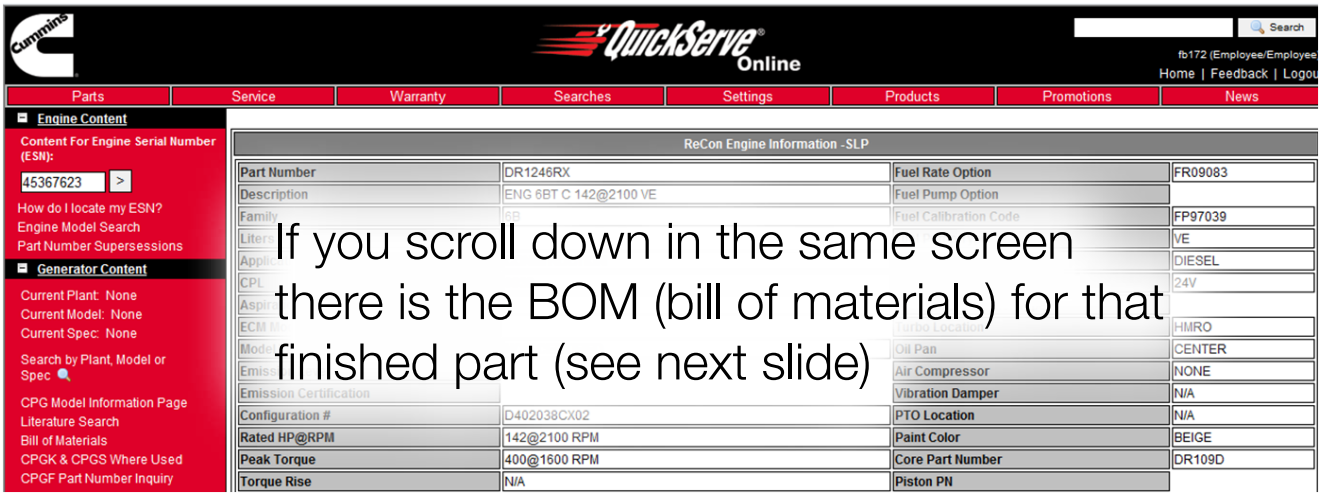


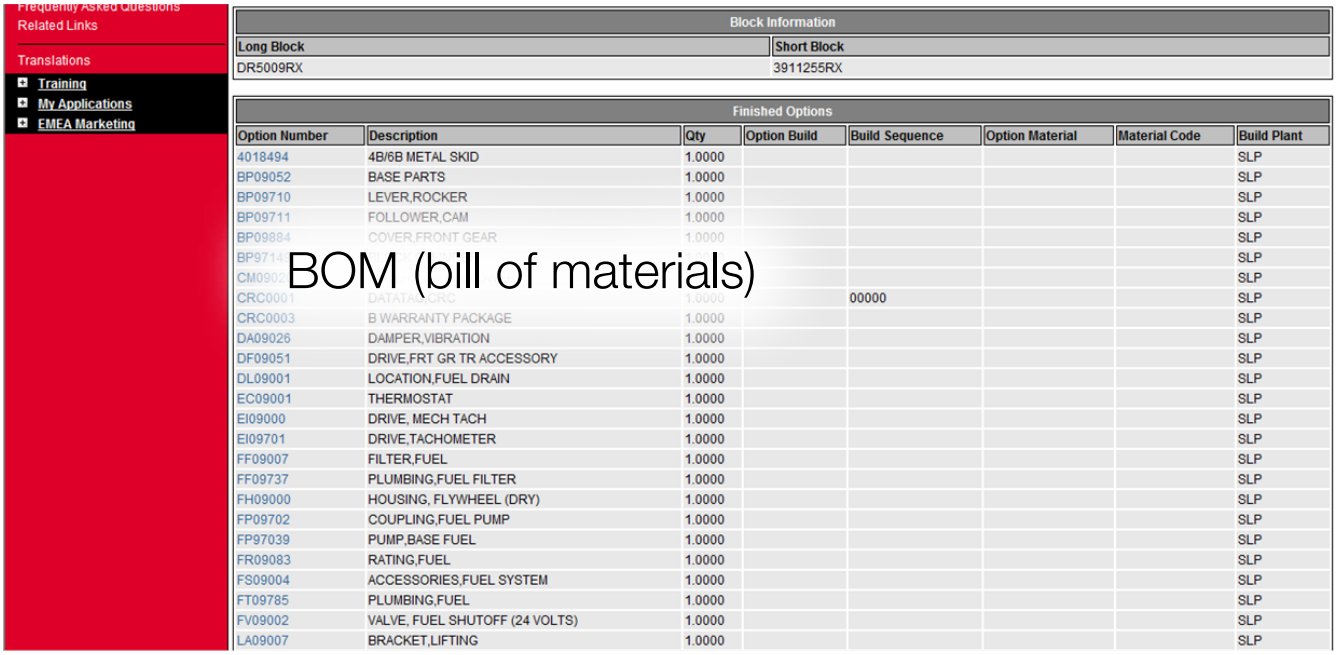


Ref No	Part Number	For-Sale	Shopping Cart	Part Name	Required	Remarks
	OP9033-02	NO		Oil Pan		Oil Pan
						Family: B Series
						Cylinders: 6
						Sump Location: Center
						Oil Pan Material: Cast
						Aluminum
						Drain Location: Bottom
						Pan High Capacity (QT): 15
						Pan Low Capacity (QT): 13
						Front Up Angularity (DEG): 40
						Front Down Angularity (DEG):
						40

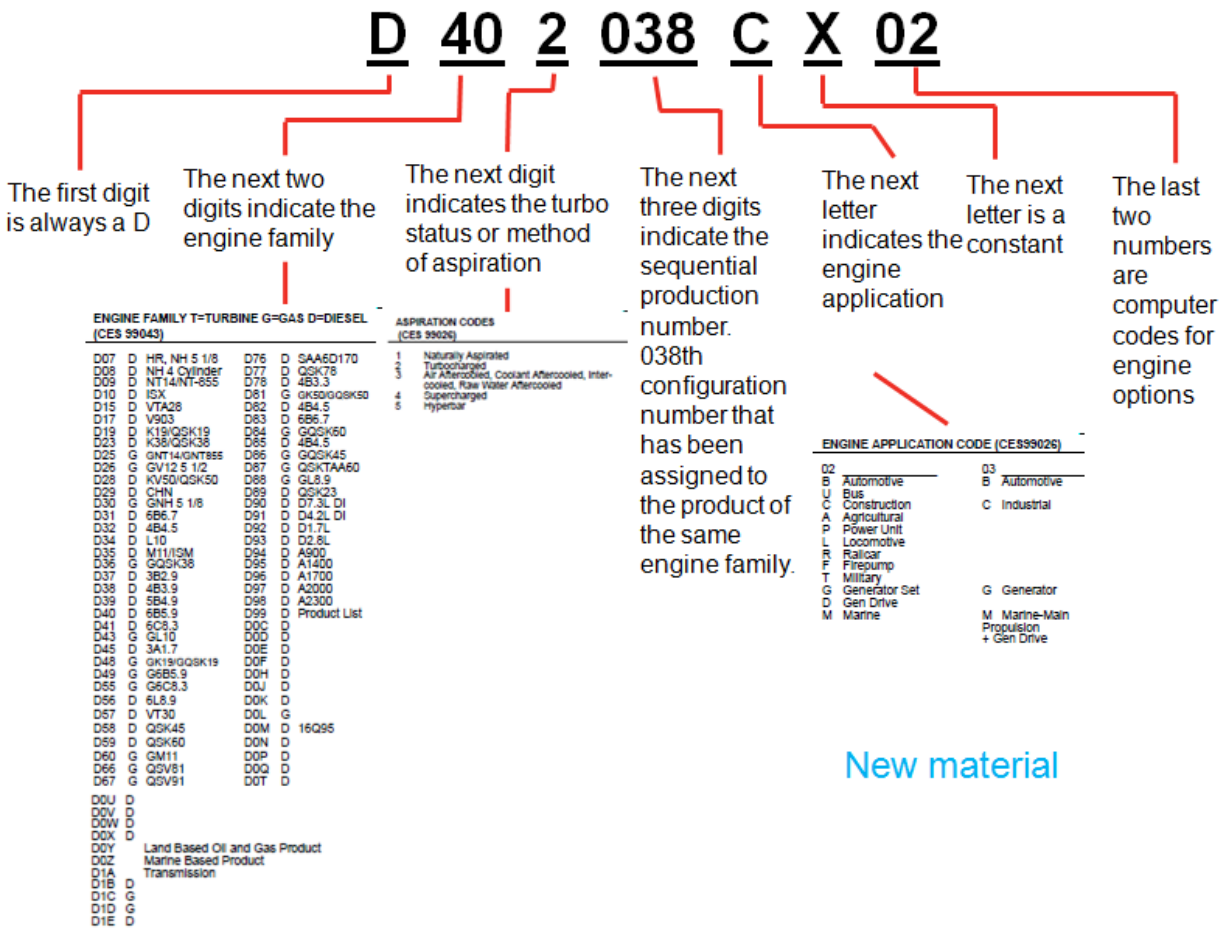
Then scroll down until find the Remarks


Parts
Service
Warranty
Engine Content
Content For Engine Serial Number (ESN):
45367623
How do I locate my ESN?
Engine Model Search
Part Number Supersessions
Generator Content
Current Plant: None
Diesel ReCon Engine and Parts System
Generate Spreadsheet
Horsepower
RPMs @ Rated HP
Peak Torque
All
2100
1600
CONSTRUCTION
142
0938
After all the selections chosen based on the option codes, DR1246RX was the remaining engine You can click it to get more information


QuickServe Online
Search
Home | Feedback | Logout
Parts
Service
Warranty
Searches
Settings
Products
Promotions
News
Engine Content
Content For Engine Serial Number (ESN):
45367623
How do I locate my ESN?
Engine Model Search
Part Number Supersessions
Generator Content
Current Plant: None
Current Model: None
Current Spec: None
Search by Plant, Model or Spec
CPG Model Information Page
Literature Search
Bill of Materials
CPGK & CPGS Where Used
CPGF Part Number Inquiry
ReCon Engine Information -SLP
Part Number
DR1246RX
Description
ENG 6BT C 142@2100 VE
Fuel Rate Option
FR09083
Fuel Pump Option
Fuel Calibration Code
FP97039
VE
DIESEL
24V
HMRO
Oil Pan
CENTER
Air Compressor
NONE
Vibration Damper
N/A
Emission Certification
Configuration #
D402038CX02
PTO Location
N/A
Rated HP@RPM
142@2100 RPM
Paint Color
BEIGE
Peak Torque
400@1600 RPM
Core Part Number
DR109D
Torque Rise
N/A
Piston PN
If you scroll down in the same screen there is the BOM (bill of materials) for that finished part (see next slide)

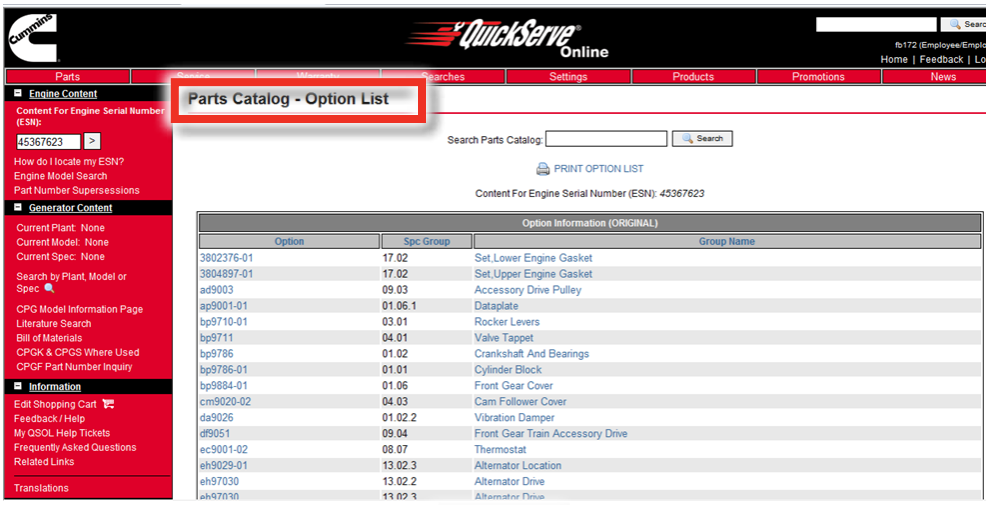

Related Links
Translations
Training
My Applications
EMEA Marketing
Block Information
Long Block
DR5009RX
Short Block
3911255RX
Finished Options
Option Number
Description
Qty
Option Build
Build Sequence
Option Material
Material Code
Build Plant
4018494 4B/6B METAL SKID 1.0000 SLP
BP09052 BASE PARTS 1.0000 SLP
BP09710 LEVER,ROCKER 1.0000 SLP
BP09711 FOLLOWER,CAM 1.0000 SLP
BP09884 COVER,FRONT GEAR 1.0000 SLP
CRC0001 00000 SLP
CRC0003 B WARRANTY PACKAGE 1.0000 SLP
DA09026 DAMPER,VIBRATION 1.0000 SLP
DF09051 DRIVE,FRT GR TR ACCESSORY 1.0000 SLP
DL09001 LOCATION,FUEL DRAIN 1.0000 SLP
EC09001 THERMOSTAT 1.0000 SLP
EI09000 DRIVE, MECH TACH 1.0000 SLP
EI09701 DRIVE,TACHOMETER 1.0000 SLP
FF09007 FILTER,FUEL 1.0000 SLP
FF09737 PLUMBING,FUEL FILTER 1.0000 SLP
FH09000 HOUSING, FLYWHEEL (DRY) 1.0000 SLP
FP09702 COUPLING,FUEL PUMP 1.0000 SLP
FP97039 PUMP,BASE FUEL 1.0000 SLP
FR09083 RATING,FUEL 1.0000 SLP
FS09004 ACCESSORIES,FUEL SYSTEM 1.0000 SLP
FT09785 PLUMBING,FUEL 1.0000 SLP
FV09002 VALVE, FUEL SHUTOFF (24 VOLTS) 1.0000 SLP
LA09007 BRACKET,LIFTING 1.0000 SLP
BOM (bill of materials)

For your reference, the nomenclature for D402038CX02 is:



Matching Parts

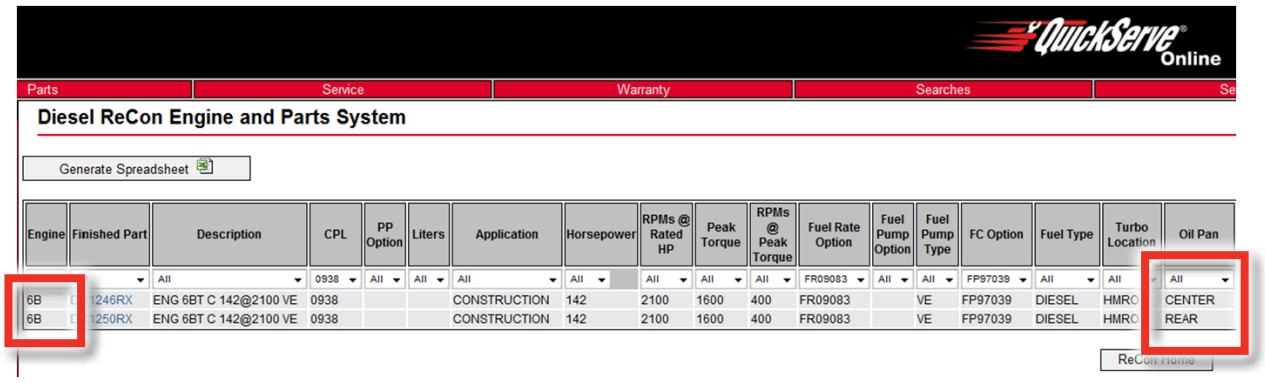
- Place the customer's ESN Parts Catalog - Option list and the ReCon DR1246RX option list side by side (one option can be using an Excel spreadsheet or any way with what you feel more comfortable) and start checking off the options that match.
- Option/s that don't match needs to be reviewed from the option notes or the part number content that they are being compared to.
- Please remember that standard ReCon DR #s Don't include any accessories or flywheels.
- Plus, on Gear Gear Train ISB & QSB, K\QSK19, L10\M11\ISM, & ISX\QSX the flywheel housing are included since they are part of the oil pan mounting surface.



- Once options have been verified please note changes.
- Example: ReCon engine replacement is a DR1246-RX. No changes are needed.
- Customer will need to add options that ReCon normally does not include on our base engine models.

1	Engine Serial No: 45367623					
2	Configuration No: D402038CC12					
3	Engine model name: B5.9-C152					
4	Shop Order: SO94427					
5	Build date: 08-Jun-1996					
6						
7	**Option**	**Description**			**Option**	**Description**
8	3802376	Set,Lower Engine Gasket			4018494	4B/6B METAL SKID
9	3804897	Set,Upper Engine Gasket				
10	ad9003	Accessory Drive Pulley				
11	ap9001	Dataplate			BP09052	BASE PARTS
12	bp9710	Rocker Levers			BP09710	LEVER,ROCKER
13	bp9711	Valve Tappet			BP09711	FOLLOWER,CAM
14	bp9786	Crankshaft And Bearings				
15	bp9884	Front Gear Cover			BP09884	COVER,FRONT GEAR
16					BP97149	BLOCK,CYLINDER
17	cm9020	Cam Follower Cover			CM09020	COVER,CAM FOLLOWER
18					CRC0001	DATATAG,CRC
19					CRC0003	B WARRANTY PACKAGE
20	da9026	Vibration Damper			DA09026	DAMPER,VIBRATION
21	df9051	Front Gear Train Accessory Drive			DF09051	DRIVE,FRT GR TR ACCESSORY
22					DL09001	LOCATION,FUEL DRAIN

- You must verify the bill of materials for each engine part number in order to know what are the differences or changes that you have to do (notice the different Oil Pan location)



- DR1250-RX, change the oil pan to OP 9033 (center sump) and the cam follower cover to CM 9020

	A	B	C	D	E
2		DR1246RX			DR1250RX
3	P/N	Description		P/N	Description
4	4018494	4B/6B METAL SKID		4018494	4B/6B METAL SKID
5	BP09052	BASE PARTS		BP09052	BASE PARTS
6	BP09710	LEVER,ROCKER		BP09710	LEVER,ROCKER
7	BP09711	FOLLOWER,CAM		BP09711	FOLLOWER,CAM
8	BP09884	COVER,FRONT GEAR		BP09884	COVER,FRONT GEAR
9	BP97149	BLOCK,CYLINDER		BP97149	BLOCK,CYLINDER
10	CM09020	COVER,CAM FOLLOWER		CM09016-6S	COVER,CAM FOLLOWER
11	CRC0001	DATATAG,CRC		CRC0001	DATATAG,CRC
12	CRC0003	B WARRANTY PACKAGE		CRC0003	B WARRANTY PACKAGE
13	DA09026	DAMPER,VIBRATION		DA09026	DAMPER,VIBRATION
14	DF09051	DRIVE,FRT GR TR ACCESSORY		DF09701	DRIVE, FRT GR TR ACC
15	DL09001	LOCATION,FUEL DRAIN		DL09001	LOCATION,FUEL DRAIN
16	EC09001	THERMOSTAT		EC09001	THERMOSTAT
17	EI09000	DRIVE, MECH TACH		EI09000	DRIVE, MECH TACH
18	EI09701	DRIVE,TACHOMETER		EI09701	DRIVE,TACHOMETER
19	FF09007	FILTER,FUEL		FF09007	FILTER,FUEL
20	FF09737	PLUMBING,FUEL FILTER		FF09737	PLUMBING,FUEL FILTER
21	FH09000	HOUSING, FLYWHEEL (DRY)		FH09000	HOUSING, FLYWHEEL (DRY)
22	FP09702	COUPLING,FUEL PUMP		FP09702	COUPLING,FUEL PUMP
23	FP97039	PUMP,BASE FUEL		FP97039	PUMP,BASE FUEL
24	FR09083	RATING,FUEL		FR09083	RATING,FUEL
25	FS09004	ACCESSORIES,FUEL SYSTEM		FS09004	ACCESSORIES,FUEL SYSTEM
26	FT09785	PLUMBING,FUEL		FT09785	PLUMBING,FUEL
27	FV09002	VALVE, FUEL SHUTOFF (24 VOLTS)		FV09002	VALVE, FUEL SHUTOFF (24 VOLTS)
28	LA09007	BRACKET,LIFTING		LA09007	BRACKET,LIFTING
29	LC09020	COOLER,ENGINE OIL (VERTICAL)		LC09020	COOLER,ENGINE OIL (VERTICAL)
30	LG09035	GAUGE,OIL LEVEL		LG09035	GAUGE,OIL LEVEL
31	LP09064	PUMP,LUBRICATING OIL		LP09064	PUMP,LUBRICATING OIL
32	OB09004	COVER,CYLINDER BLOCK		OB09004	COVER,CYLINDER BLOCK
33	OP09033	OIL PAN - CENTER		OP09006	OIL PAN - REAR
34	OP09715	OIL PAN MOUNTING		OP09702	MOUNTING,OIL PAN
35	PELEB	PARTES FALTANTES LINEA		PELEB	PARTES FALTANTES LINEA

Critical Part List for Different Engine Models

- You have to verify some critical options & part numbers for each engine part number you spec in QSOL in order to:

1. Know what are the part differences
2. Figure out what changes you have to do in your engine
3. Assure that you will get what you really need

Critical Parts for Engines 4B,6B, and 6C

Option	Description
PP	Performance Parts - CPL
FP	Fuel Pump
BB or BP	Cylinder Block
FC,FP, or FR	Fuel rate, HP, RPM, Torque
PP	Cylinder Head
CP	Air Compressor (if it applies)
BB,BP, or GG	Front Gear Cover
OP	Oil Pan
TB	Turbo

Critical Parts for Engines L10

Option	Description
PP	Performance Parts - CPL
FP	Fuel Pump
FC,FP, or FR	Fuel rate, HP, RPM, Torque
DA	Vibration Damper
TH	Thermostat Housing
CP	Air Compressor (if it applies)
FH	Flywheel Housing
OP	Oil Pan
TB	Turbo

Critical Parts for Engines M11

Option	Description
PP	Performance Parts - CPL
FP	Fuel Pump
FC,FP, or FR	Fuel rate, HP, RPM, Torque
CP	Air Compressor (if it applies)
FH	Flywheel Housing
OP	Oil Pan
TB	Turbo

Critical Parts for Engines ISM

Option	Description
PP	Performance Parts - CPL
FP	Fuel Pump
FC,FP, or FR	Fuel rate, HP, RPM, Torque
CP	Air Compressor (if it applies)
FH	Flywheel Housing
OP	Oil Pan
TB	Turbo
WP	Water Pump

Critical Parts for Engines NH/N14

Option	Description
PP	Performance Parts - CPL
FP	Fuel Pump
FC,FP, or FR	Fuel rate, HP, RPM, Torque
CP	Air Compressor (if it applies)
BP,GG	Front Gear Cover
OP	Oil Pan
TB	Turbo
LP	Lube Oil Pump

Critical Parts for Engines ISX/QSX

Option	Description
PP	Performance Parts - CPL
BB	Housing, Front Gear
FC, FR	Fuel rate, HP, RPM, Torque
CP	Air Compressor (if it applies)
FH	Flywheel Housing
OP	Oil Pan
TB	Turbo

Critical Parts for Engines K19

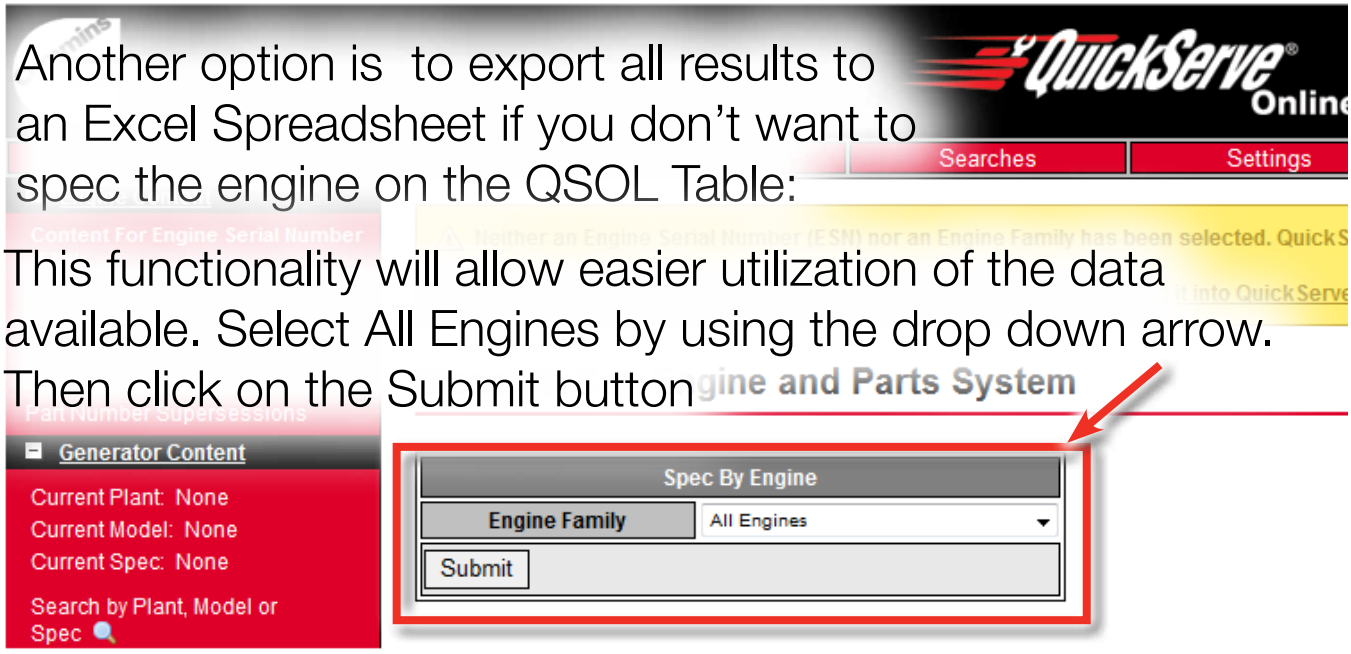
Option	Description
PP	Performance Parts - CPL
BP	Cover Camshaft
FP	Fuel Pump
FP,FC, FR	Fuel rate, HP, RPM, Torque
CP	Air Compressor (if it applies)
FH	Flywheel Housing
OP	Oil Pan
TB	Turbo
TC	Cooler, Tor Converter Oil

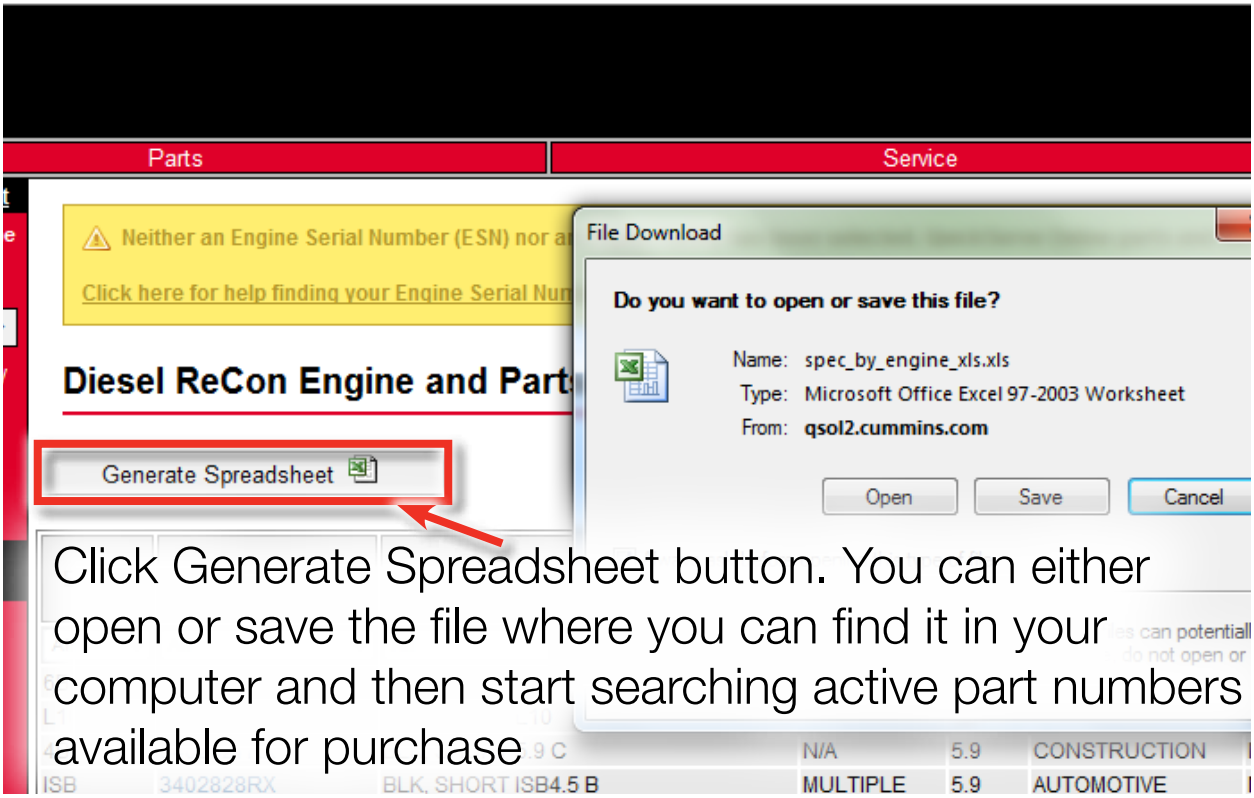
Critical Parts for Engines QSK

Option	Description
PP	Performance Parts - CPL
FP,FC, FR	Fuel rate, HP, RPM, Torque
CP	Air Compressor (if it applies)
FH	Flywheel Housing
OP	Oil Pan
TB	Turbo
LC	Engine Oil Cooler

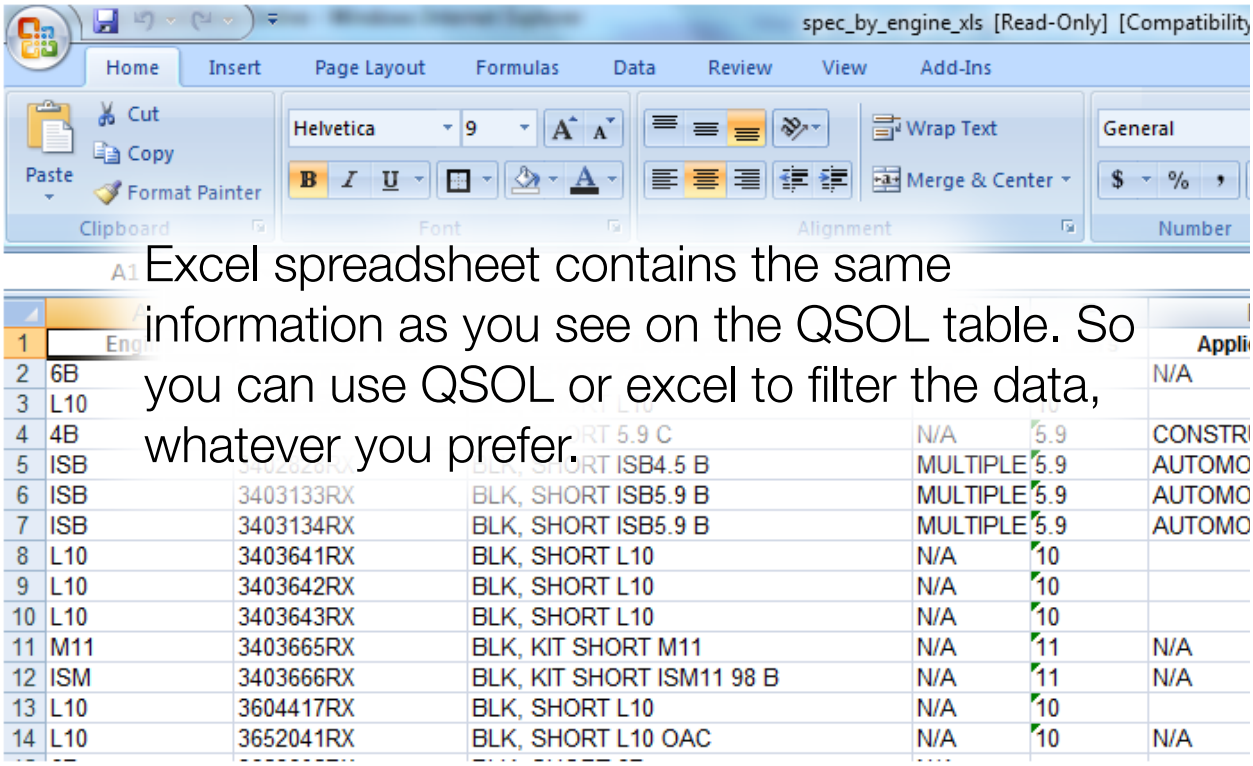
Another option is to export all results to an Excel Spreadsheet if you don't want to spec the engine on the QSOL Table:

This functionality will allow easier utilization of the data available. Select All Engines by using the drop down arrow. Then click on the Submit button





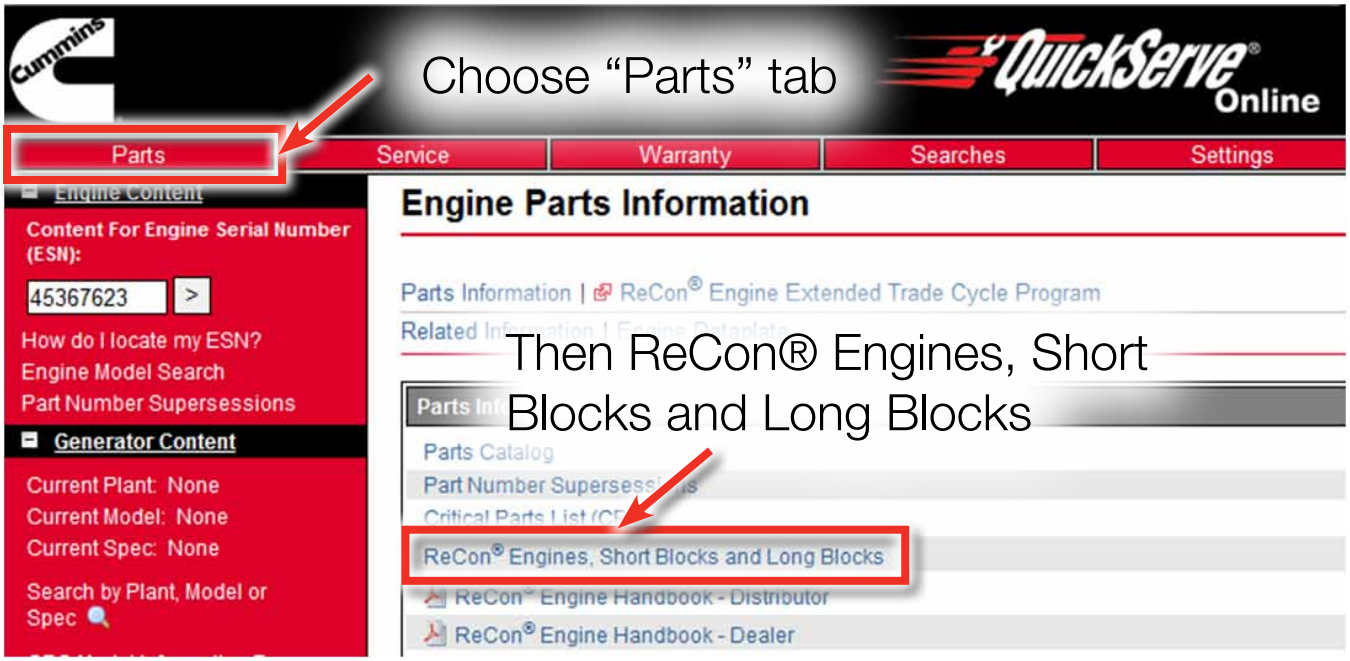
Click Generate Spreadsheet button. You can either open or save the file where you can find it in your computer and then start searching active part numbers available for purchase

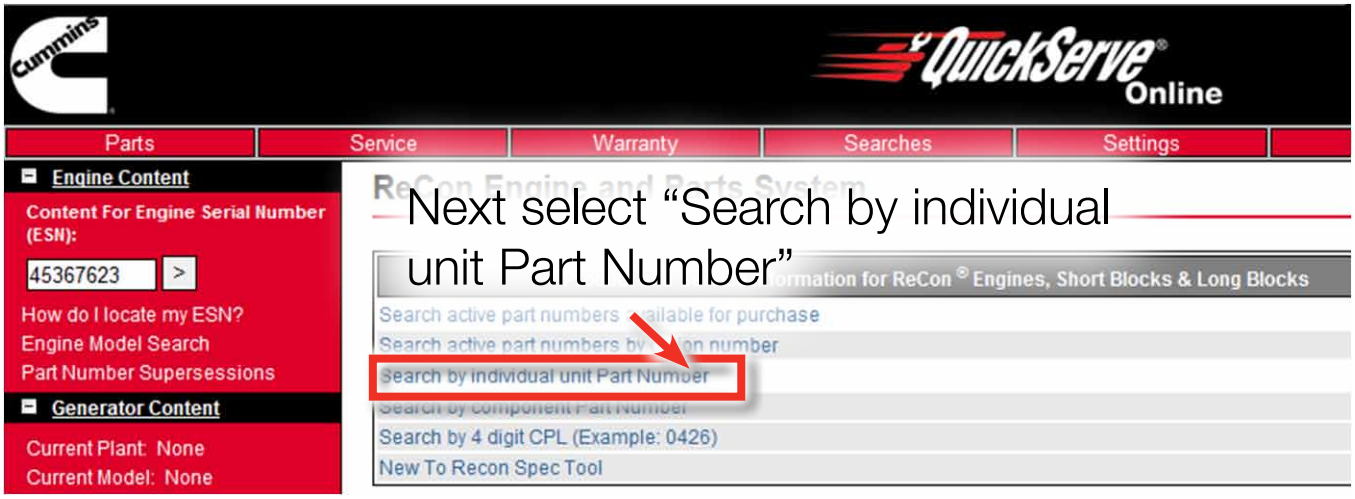


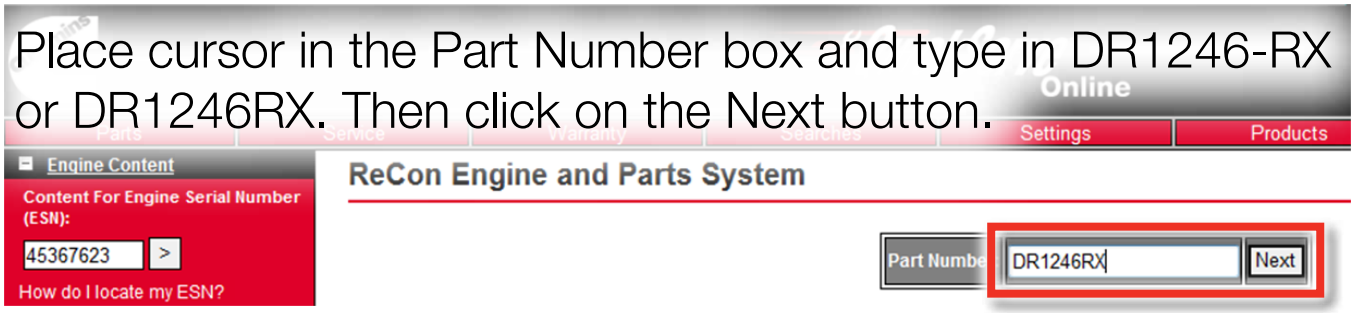
Excel spreadsheet contains the same information as you see on the QSOL table. So you can use QSOL or excel to filter the data, whatever you prefer.

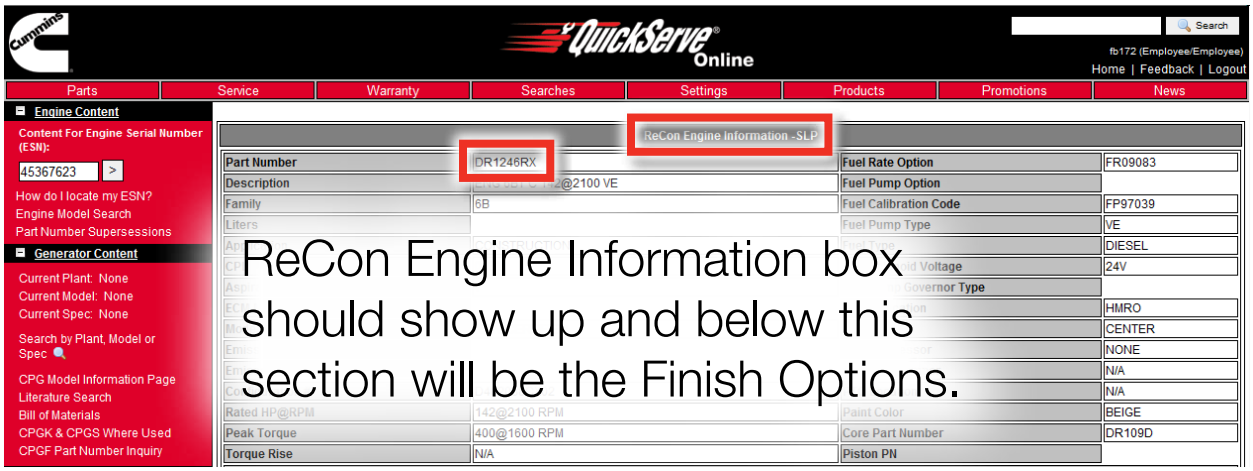
2	6B				N/A
3	L10				
4	4B		5.9 C	N/A	5.9 CONSTR
5	ISB		ISB4.5 B	MULTIPLE	5.9 AUTOMO
6	ISB	3403133RX	BLK, SHORT ISB5.9 B	MULTIPLE	5.9 AUTOMO
7	ISB	3403134RX	BLK, SHORT ISB5.9 B	MULTIPLE	5.9 AUTOMO
8	L10	3403641RX	BLK, SHORT L10	N/A	10
9	L10	3403642RX	BLK, SHORT L10	N/A	10
10	L10	3403643RX	BLK, SHORT L10	N/A	10
11	M11	3403665RX	BLK, KIT SHORT M11	N/A	11 N/A
12	ISM	3403666RX	BLK, KIT SHORT ISM11 98 B	N/A	11 N/A
13	L10	3604417RX	BLK, SHORT L10	N/A	10
14	L10	3652041RX	BLK, SHORT L10 OAC	N/A	10 N/A

Other Ways to do the ReCon Quoting









ReCon Engine Information box should show up and below this section will be the Finish Options.

Then you have to start checking off the options that match. Options that don't match need to be reviewed from the option notes or the part number content that they are being compared to.

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