Introduction	This job aid describes best practices for adding and modifying diagnostic operation entries to an estimate.
	Best Practice is for you to use these standard diagnostic operation lines rather than document scan activity via the Part Codes Table or adding manual lines.
	By default, the diagnostic operation line values in the MOTOR database are configured as a <b>Sublet Operation</b> with a miscellaneous non-taxed sublet price amount.
	Best Practice for adding labor hours is to select <b>Repair</b> with the diagnostic line operation. A <b>Sublet</b> amount would reflect a paid 3rd party service while <b>Labor</b> hours would reflect an in-house labor operation.
	The Vehicle Diagnostics group appears in the MOTOR database panel for 1996 and newer vehicles. The applicable year range for diagnostic operations may vary according to the vehicle manufacturer, (e.g., 2008 – 2019).
	There are 23 diagnostic operations that can be selected in the <b>DIAGNOSTIC OPERATIONS</b> subgroup:
	<ul> <li>Pre-repair scan</li> <li>In-proc repair scan</li> <li>Post-repair scan</li> <li>Calibrate (Multiple options)</li> <li>Program (Multiple options)</li> <li>OEM</li> <li>Other</li> </ul>
	Continued on next page



**Items**, Continued

Adding Diagnostic Entries	The follo the Diag	owing steps describe the process for using Repair or Sublet with nostic lines:
	Step	Description
	1	Open or create the workfile and navigate to the <b>Vehicle</b> tab > <b>Description</b> subtab. Select a standard vehicle from the MOTOR database by entering a valid VIN or selecting a standard vehicle from the dropdowns on the screen.
	2	Go to the <b>Estimate</b> tab > <b>Lines</b> subtab.
	3	In the MOTOR database panel, select the <b>VEHICLE DIAGNOSTICS</b> group and subgroup.

MOTOR Tire Part Codes Advisor		
🍸 Filter 👻 Frame 👻		
Search for Parts Q		
PAINT IDENTIFICATION	WHEELS SEDAN	BACK GLASS
INFORMATION LABELS	FRONT SUSPENSION	QUARTER PANEL SEDAN
FRONT BUMPER & GRILLE W/O RS PKG 2016-18	STEERING GEAR & LINKAGE	FUEL SYSTEM 1.4 LITER
FRONT BUMPER & GRILLE W/RS PKG 2016-18	STEERING COLUMN	REAR SUSPENSION
FRONT LAMPS	STEERING WHEEL	REAR BODY & FLOOR SEDAN
RADIATOR SUPPORT	WINDSHIELD	TRUNK LID
COOLING 1.4 LITER	COWL	LIFT GATE
COOLING 1.6 LITER	INSTRUMENT PANEL	REAR LAMPS SEDAN
AIR CONDITIONER & HEATER	CONSOLE	REAR BUMPER W/O RS PKG SEDAN
HOOD	RESTRAINT SYSTEMS	REAR BUMPER W/RS PKG SEDAN
FENDER	SEATS & TRACKS	VEHICLE DIAGNOSTICS
ELECTRICAL	ROOF SEDAN	MISCELLANEOUS OPERATIONS
ENGINE / TRANSAXLE 1.4 LITER	PILLARS, ROCKER & FLOOR SEDAN	RECYCLED ASSEMBLIES
EXHAUST SYSTEM 1.4 LITER	FRONT DOOR	
EMISSION SYSTEM 1.4 LITER	REAR DOOR	

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Items, Continued

Step		Desc	crip	tio	n			
4	4 Expand the <b>DIAGNOSTIC OPERATIONS</b> subgroup if not							
-								
	alleady expanded and si	ngie-	CIIC	K U	neoi	the di	agnos	
	entries.							
	GROUPS Search for Parts Q X							
	Description	#	L/R	Year	Price	Labor	Paint	
	E VEHICLE DIAGNOSTICS							
	DIAGNOSTIC OPERATIONS							
	Pre-repair scan			00-07	0.00 r	n		
	In-proc repair scan			00-07	0.00 r	n		
	Post-repair scan			00-07	0.00 r	n		
	Calibrate adaptive headlight			00-07	0.00 r	n		
	Calibrate automatic nigh beams		-	00-07	0.00 r	n		
	Calibrate blind spat pdpr			00-07	0.00 r	n		
	Calibrate front radar sensor			00-07	0.00 r	n		
	Calibrate heads un display			00-07	0.00 r	n		
	Calibrate lane keep assist camera			00-07	0.00 r	n		
	Calibrate LiDAR sensor			00-07	0.00 r	n		
	Calibrate night vision			00-07	0.00 r	n		
	Calibrate occupant classification system			00-07	0.00 r	n		
	Calibrate park distance sensor			00-07	0.00 r	n		
	Calibrate rear radar sensor			00-07	0.00 r	n		
	Calibrate steering angle sensor			00-07	0.00 r	n		
	Calibrate surround view camera			00-07	0.00 r	n		
	Calibration drive			00-07	0.00 r	n		
	Other calibration operation			00-07	0.00 r	n		
	Program module			00-07	0.00 r	n		
	Program TPMS			00-07	0.00 r	n		
	OEM access fee			00-07	0.00 r	n		
	Other diagnostic services			00-07	0.00 r	n		
<u> </u>								
5	Follow the steps in this	table a	acc	ord	ing to	the c	charge	
	you want to add to the a	otimo	+ ~		2			
	you want to add to the e	suma	ite.					
	l If						The	
	Diagnastia antruis to h	~ Ck				$C_{\alpha} + c$	04am	
	Diagnostic entry is to b	e <b>Sub</b>	let	•		6010	) Step	
	Diagnostic entry is to be <b>Laber</b> hours						Sten	
				nou	13.	0010	Joreh	
0			<b>L</b>	- <b>-</b>			وري ما ط	
6	For Sublet, ensure the c	orrec	t ei	ntry	is sel	ected	a, then	
	<b>Operations</b> in the toolbo	hr and	20		Subl	st fro	m tho	
	<b>Operations</b> in the toolbar and select <b>Sublet</b> from the							
	operations in the toolbe							
	The Estimate Line Prop	ortios	for	m	nene			

	(						
🍸 Filter 👻 HNotes	Frame - Refinish	Blend - R&I -	Replace 👻	Repai	r Sectio	n v Op	erations - Recy A/M
GROUPS Search	for Parts	۹					Alian
Description			#	L/R	Year	Price	Sublet
VEHICLE DIAGNOSTICS							Sublet Glass
DIAGNOST	IC OPERATIONS						Recore
Pre-rep				19-22		None	
In-proc				19-22		NONE	
Post-re	pair scan				19-22	0.0	00 m

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**Items**, Continued

ostic	Step			Descr	ription		
es,	7	Enter the ar	nount in the	Price S	<b>S</b> field and c	ick Add to	)
nued		Estimate T	he entry is a	dded to	h the estimation	te and the	form
							101111
		closes.					
							7
		Estimate Line Properties				×	
		General Adjustme	ent Notes				
		Description:	In-proc repair scan			en Line	
		Operation: Sublet					
				Part			
				Price S:	75.00		
				Category:	Miscellaneous Non-Taxed	~	
				Type:	None		
				Quantity:	1		
				Part Number:			
					Add to Est	mate Cancel	
	8	For <b>Repair</b> ,	ensure the c	orrect	entry is sele	ected, ther	n click (
		the <b>Repair</b> of	peration in	the too	lbar.		
		the <b>Repair</b> of	peration in	the too	lbar.		

M	OTOR Tire Part Codes Advisor			_						
T	Filter - HNotes Frame - Refinish - Blend - R&I - R	eplace 👻	Repai	r Secti	on 👻 Oper	atior	ns 🔹 🛛 Recy	A/	M Opt Of	EM R
G	ROUPS Search for Parts Q									
	Description	#	L/R	Year	Price		Labor		Paint	
٠	□ VEHICLE DIAGNOSTICS									
	DIAGNOSTIC OPERATIONS									
	Pre-repair scan			12-15	0.00	m				
	In-proc repairs can			12-15	0.00	m				4
	Post-repair scan			12-15	0.00	m				
	Calibrate adaptive headlight			12-15	0.00	m				
	Calibrate automatic high beams			12-15	0.00	m				Į
	Calibrate backup camera			12-15	0.00	m				
	Calibrate blind spot radar			12-15	0.00	m				
	Calibrate front radar sensor			12-15	0.00	m				
	Calibrate heads-up display			12-15	0.00	m				
	Calibrate lane keep assist camera			12-15	0.00	m				
	Calibrate LiDAR sensor			12-15	0.00	m				-

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Items, Continued

agnostic ntries, ontinued	Step	Description
	9	Enter the labor hours in the <b>Hours</b> field and click <b>Add to</b> <b>Estimate.</b> The entry is added to the estimate and the form closes. <b>Note</b> : Optionally, you can change the labor type in the <b>Category</b> droplist.
	Estimat Descr Opera Labo Refii Hours	e Line Properties ×
		I wo Tone Stone Guard Edging Lock Pillar Underside Add to Estimate Cancel

