

Vermeer MV Solutions, Inc.

Trenchless
 Piedmont, South Carolina 29673, USA

FIELD CAMPAIGN KIT #: VMV000015 **DATE:** 6 January 2022

For Dealer Reference: Service Bulletin #: SMV2022-003

Operator's/Maintenance Manual Lug Nut Torque Value Update Kit

CAMPAIGN TYPE:

Mandatory – Product Safety

CAMPAIGN CATEGORY:

Kit and Bulletin

MACHINE/ ATTACHMENT MODEL(S):	SERIAL NUMBERS:		Kit version
	Included	Excluded	
VX30G	5002 – 5040	5003 – 5014, 5017, 5024, 5025, 5028 – 5038	VMV01
VX30	5015 – 5127	5016 – 5028, 5030, 5032 – 5041, 5043, 5045 – 5050, 5055 – 5066, 5069, 5070, 5072 – 5076, 5078 – 5093, 5095 – 5097, 5099, 5101, 5103, 5106 – 5114, 5117 – 5119, 5124 – 5126	VMV01
VX50	See attached listing on pages 5 – 7 of this kit instructions for specific VIN numbers	None	VMV01
VX50	5361, 5500, 5654	None	VMV02



**PRODUCT
SAFETY ALERT**

Purpose: POSSIBLE LOSS OF WHEEL AND RISK OF CRASH

An incorrect lug nut torque value is listed in the operator’s and maintenance manual of vacuum excavators. The affected trailers are equipped with an 800-gallon spoil tank. The incorrect lug nut torque in the operator’s and maintenance manual is a lower value (120 ft-lb) than recommended by the axle manufacturer (210 ft-lb).

INCORRECT LUG NUT TORQUE VALUE

120 ft-lb (163 Nm)

CORRECTED LUG NUT TORQUE VALUE

210 ft-lb (163 Nm)

Incorrect lug nut torque may cause the wheel lug nuts to loosen, increasing the risk of wheel loss and the risk of a crash. Note: During manufacturing, lug nuts on affected vacuum excavators were torqued properly at 210 ft-lb. VMV00-0015 has been created to provide replacement copies of the operator’s and maintenance manual with the updated correct torque value of 210 ft-lb. The manuals provided are:

- a cabled manual printed on weather-resistant paper to affix in the manual storage box on the vacuum excavator; and,
- a second manual for your office/shop location.

Also, please verify that your machine’s lug nuts are properly torqued at 210 ft-lb. **The operator’s and maintenance manuals must be replaced as soon as possible and the prior manual copies discarded.** Please be reminded that it is a violation of federal law for you to sell or lease the machines covered by this notification until this recall has been performed on these machines. Substantial civil penalties apply to violations of this law.

Special tools and conditions:

- (2) 7/16-in wrenches



WARNING: Use the following shutdown procedure before attempting to do any of the work described in this kit.

Stopping the machine

NOTICE: For your safety and the safety of others, use the shutdown procedure before servicing, cleaning, unclogging or inspecting the machine.

A variation of this procedure may be used if instructed within this manual, or if an emergency requires it.

Step 1: Reduce engine speed to idle.

Step 2: Verify all switches are in off/down position.

Step 3: Move reverse flow control to neutral.

Step 4: Allow engine to idle for five minutes before turning it off after full-load operation.

NOTICE: Failure to allow engine to idle for the recommended time may result in turbocharger damage.

Step 5: Turn engine off and remove ignition key.

Step 6: Relieve water pressure from water-assisted tools by squeezing trigger.
Disconnect tool(s) from hose.

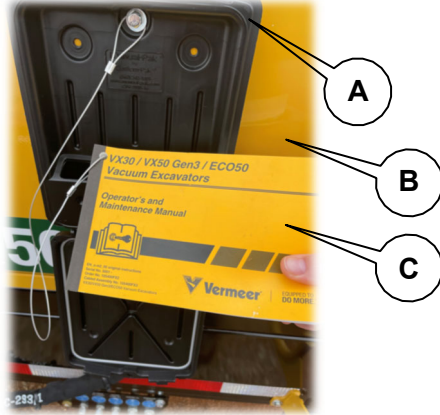


WARNING: Pressurized fluid can penetrate body tissue and result in death or serious injury. Leaks can be invisible. Keep away from any suspected leak. Relieve pressure in the hydraulic system before searching for leaks, disconnecting hoses, or performing any other work on the system. If you must pressurize the system to find a suspected leak, use an object such as a piece of wood or cardboard rather than your hands. When loosening a fitting where some residual pressure may exist, slowly loosen the fitting until oil begins to leak. Wait for leaking to stop before disconnecting the fitting. Fluid injected under the skin must be removed immediately by a surgeon familiar with this type of injury.

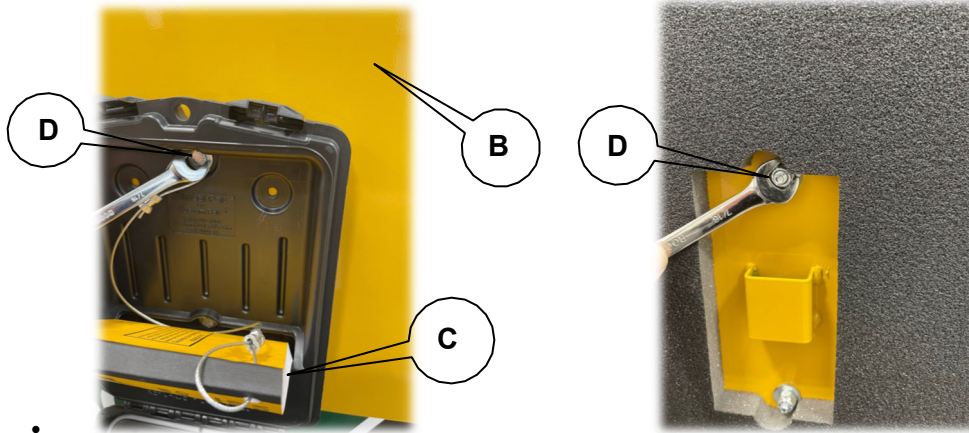
- Unless indicated, new parts from kit have callouts with numbers. Callouts with letters indicate existing parts or general items.

Procedure 1: Replacement of tethered Teslin manual

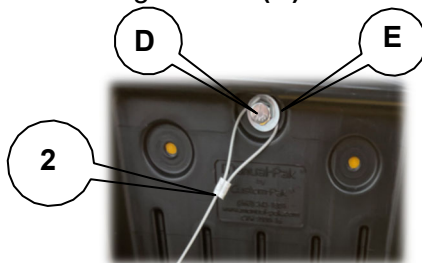
1. Locate manual box (A) on enclosure door (B). Open manual box (A) to reveal existing tethered Teslin manual (C).



2. Open enclosure door (B) and using two 7/16-in wrenches (not included) loosen (not remove) bolt set (D) holding existing tethered manual (C).



3. Remove existing tethered manual and discard.
4. Install new tethered manual (2) by placing the loop behind the existing washer (E) and tightening the existing bolt set (D).



5. Place new Teslin tethered manual (2) in existing box.



6. Remove Figure 1 and attach to the invoice or place in the manual storage box so unit owner can place with existing parts manual.

VX50 AFFECTED MACHINES - VMV01-0015

MODEL	SERIAL NUMBER	MODEL	SERIAL NUMBER	MODEL	SERIAL NUMBER	MODEL	SERIAL NUMBER
VX50	5005	VX50	5104	VX50	5210	VX50	5296
VX50	5009	VX50	5105	VX50	5211	VX50	5297
VX50	5014	VX50	5106	VX50	5216	VX50	5298
VX50	5020	VX50	5107	VX50	5217	VX50	5301
VX50	5026	VX50	5108	VX50	5219	VX50	5302
VX50	5035	VX50	5109	VX50	5223	VX50	5311
VX50	5039	VX50	5110	VX50	5224	VX50	5312
VX50	5040	VX50	5117	VX50	5227	VX50	5313
VX50	5041	VX50	5122	VX50	5231	VX50	5317
VX50	5042	VX50	5128	VX50	5232	VX50	5318
VX50	5043	VX50	5129	VX50	5234	VX50	5319
VX50	5044	VX50	5135	VX50	5235	VX50	5320
VX50	5045	VX50	5136	VX50	5236	VX50	5321
VX50	5046	VX50	5137	VX50	5237	VX50	5325
VX50	5047	VX50	5138	VX50	5238	VX50	5326
VX50	5048	VX50	5139	VX50	5242	VX50	5327
VX50	5056	VX50	5142	VX50	5243	VX50	5332
VX50	5058	VX50	5143	VX50	5244	VX50	5334
VX50	5059	VX50	5146	VX50	5245	VX50	5338
VX50	5060	VX50	5149	VX50	5250	VX50	5341
VX50	5061	VX50	5152	VX50	5258	VX50	5342
VX50	5062	VX50	5155	VX50	5260	VX50	5343
VX50	5068	VX50	5156	VX50	5261	VX50	5344
VX50	5069	VX50	5165	VX50	5262	VX50	5347
VX50	5070	VX50	5166	VX50	5263	VX50	5348
VX50	5071	VX50	5175	VX50	5264	VX50	5350
VX50	5074	VX50	5181	VX50	5265	VX50	5352
VX50	5084	VX50	5182	VX50	5266	VX50	5359
VX50	5085	VX50	5183	VX50	5267	VX50	5360
VX50	5086	VX50	5189	VX50	5268	VX50	5362
VX50	5087	VX50	5191	VX50	5269	VX50	5364
VX50	5089	VX50	5192	VX50	5270	VX50	5365
VX50	5090	VX50	5193	VX50	5273	VX50	5366
VX50	5091	VX50	5194	VX50	5277	VX50	5367
VX50	5092	VX50	5195	VX50	5278	VX50	5368
VX50	5094	VX50	5200	VX50	5285	VX50	5369
VX50	5095	VX50	5201	VX50	5288	VX50	5371
VX50	5096	VX50	5204	VX50	5290	VX50	5372
VX50	5097	VX50	5205	VX50	5291	VX50	5373
VX50	5103	VX50	5206	VX50	5292	VX50	5374

VX50 AFFECTED MACHINES - VMV01-0015

MODEL	SERIAL NUMBER	MODEL	SERIAL NUMBER	MODEL	SERIAL NUMBER	MODEL	SERIAL NUMBER
VX50	5375	VX50	5484	VX50	5560	VX50	5665
VX50	5376	VX50	5485	VX50	5564	VX50	5666
VX50	5380	VX50	5489	VX50	5565	VX50	5667
VX50	5381	VX50	5490	VX50	5566	VX50	5668
VX50	5382	VX50	5491	VX50	5567	VX50	5669
VX50	5386	VX50	5492	VX50	5568	VX50	5670
VX50	5387	VX50	5493	VX50	5569	VX50	10003
VX50	5388	VX50	5494	VX50	5578	VX50	10004
VX50	5389	VX50	5498	VX50	5579	VX50	10005
VX50	5390	VX50	5499	VX50	5580	VX50	10006
VX50	5399	VX50	5501	VX50	5581	VX50	10007
VX50	5415	VX50	5502	VX50	5589	VX50	10008
VX50	5416	VX50	5503	VX50	5591	VX50	10009
VX50	5417	VX50	5504	VX50	5600	VX50	10010
VX50	5418	VX50	5513	VX50	5601	VX50	10011
VX50	5422	VX50	5514	VX50	5602	VX50	10012
VX50	5423	VX50	5523	VX50	5606	VX50	10013
VX50	5424	VX50	5524	VX50	5607	VX50	10014
VX50	5425	VX50	5525	VX50	5608	VX50	10015
VX50	5426	VX50	5526	VX50	5609	VX50	10016
VX50	5427	VX50	5527	VX50	5610	VX50	10030
VX50	5433	VX50	5528	VX50	5611	VX50	10031
VX50	5434	VX50	5529	VX50	5612	VX50	10032
VX50	5440	VX50	5530	VX50	5618	VX50	10033
VX50	5441	VX50	5536	VX50	5621	VX50	10034
VX50	5442	VX50	5537	VX50	5622	VX50	10036
VX50	5443	VX50	5538	VX50	5623	VX50	10037
VX50	5445	VX50	5544	VX50	5630	VX50	10044
VX50	5446	VX50	5545	VX50	5631	VX50	10045
VX50	5447	VX50	5546	VX50	5632	VX50	10046
VX50	5451	VX50	5548	VX50	5633	VX50	10047
VX50	5459	VX50	5549	VX50	5637	VX50	10052
VX50	5460	VX50	5550	VX50	5638	VX50	10053
VX50	5461	VX50	5551	VX50	5639	VX50	10054
VX50	5471	VX50	5552	VX50	5640	VX50	10055
VX50	5473	VX50	5553	VX50	5645	VX50	10056
VX50	5474	VX50	5554	VX50	5646	VX50	10058
VX50	5475	VX50	5557	VX50	5659	VX50	10070
VX50	5482	VX50	5558	VX50	5660	VX50	10071
VX50	5483	VX50	5559	VX50	5661	VX50	10084

VX50 AFFECTED MACHINES - VMV01-0015

MODEL	SERIAL NUMBER	MODEL	SERIAL NUMBER	MODEL	SERIAL NUMBER	MODEL	SERIAL NUMBER
VX50	10085	VX50	10123	VX50	10163	VX50	10220
VX50	10091	VX50	10124	VX50	10164	VX50	10221
VX50	10092	VX50	10125	VX50	10166	VX50	10222
VX50	10093	VX50	10127	VX50	10167	VX50	10223
VX50	10094	VX50	10132	VX50	10171	VX50	10224
VX50	10095	VX50	10133	VX50	10172	VX50	10225
VX50	10096	VX50	10134	VX50	10173	VX50	10226
VX50	10100	VX50	10135	VX50	10183	VX50	10234
VX50	10101	VX50	10137	VX50	10190	VX50	10235
VX50	10108	VX50	10139	VX50	10191	VX50	10236
VX50	10109	VX50	10141	VX50	10192	VX50	10237
VX50	10110	VX50	10142	VX50	10195	VX50	10238
VX50	10111	VX50	10143	VX50	10196	VX50	10239
VX50	10112	VX50	10147	VX50	10197	VX50	10240
VX50	10113	VX50	10150	VX50	10198	VX50	10241
VX50	10114	VX50	10157	VX50	10199	VX50	10242
VX50	10115	VX50	10158	VX50	10201	VX50	10243
VX50	10117	VX50	10159	VX50	10202		
VX50	10120	VX50	10161	VX50	10204		
VX50	10121	VX50	10162	VX50	10219		

Figure 1

UNIT OWNER COPY:
Insert in parts manual
for future reference.

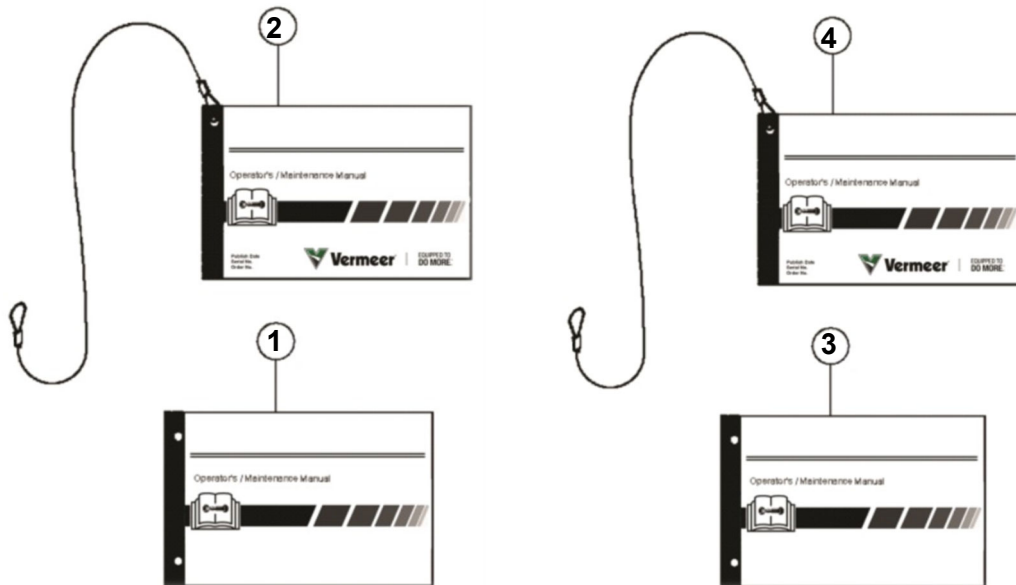


Figure 1 parts list				
REF. NO.	PART NO.	DESCRIPTION	VMV01 QTY.	VMV02 QTY.
1	105400FX2	VX30/VX50 Gen3/ECO50 – Operator’s and Maintenance Manual	1	1
2	105400FX3	VX30/VX50 Gen3/ECO50 – Teslin Operator’s and Maintenance Manual	1	1
3	117000ABU	Spanish VX30_VX50GEN3_ECO50_o-m2_01 manual	0	1
4	180035466	Spanish VX30_VX50GEN3_ECO50_o-m2_01 manual – Teslin	0	1
		Kits include all items from Figure 1 parts list, as shown.		