

SAFETY RECALL

October 11, 2021

Technical Service Bulletin:

Wheel Lug Nut Torque Inspection

TSB Number: 12-21-6

Class (AA-Safety Mandatory, A-Mandatory, B-Non-Mandatory, Product Improvement, Information Only):

AA-Safety Mandatory

Models Affected: Various Portable Compressors and Mobile Generators

Serial Number Break: See attached charts for affected models and serial numbers

Audience: Dealer Service Group and National Rental Accounts

Issue:

The wheel lug nut torque on the portable compressor and mobile generator equipment identified in this letter may not meet engineering specifications. If out of specification, the equipment may experience vibration, tire wobble, or the wheel(s) could come off during towing.

Solution:

Immediately stop towing the affected equipment until the corrections instructed in this bulletin have been completed. Inspect and correct all affected equipment based on the applicable scenario below:

Scenario 1: Unit Has Not Been Towed

Properly torque the wheel lug nuts to the correct specification using the star pattern method (see Figure 1). Refer to the attached charts for correct wheel lug nut torque specification per unit model.

Scenario 2: Unit Has Been Towed

Remove the wheels and inspect wheel studs and holes in the wheels for damage.

- **If no damage is observed**, reinstall the wheels and torque the lug nuts to the correct specification using the star pattern method (see Figure 1). Refer to the attached charts for correct wheel lug nut torque specification per unit model.

- **If damage is present**, further inspect the area around the wheel for additional damage (for example, the wheel hub, leaf springs, etc.) and take clear photographs of all damaged components. Fill out the attached call sheet and call 1-800-633-5206 Option #3 to consult with a Doosan Factory Technician for guidance on parts to be replaced.

Instruct owner to re-check wheel lug nut torque again after 20 miles of towing.

Reminder: The Operation and Maintenance manual advises to **CHECK** Wheel Lug Nut torque on a Monthly basis.

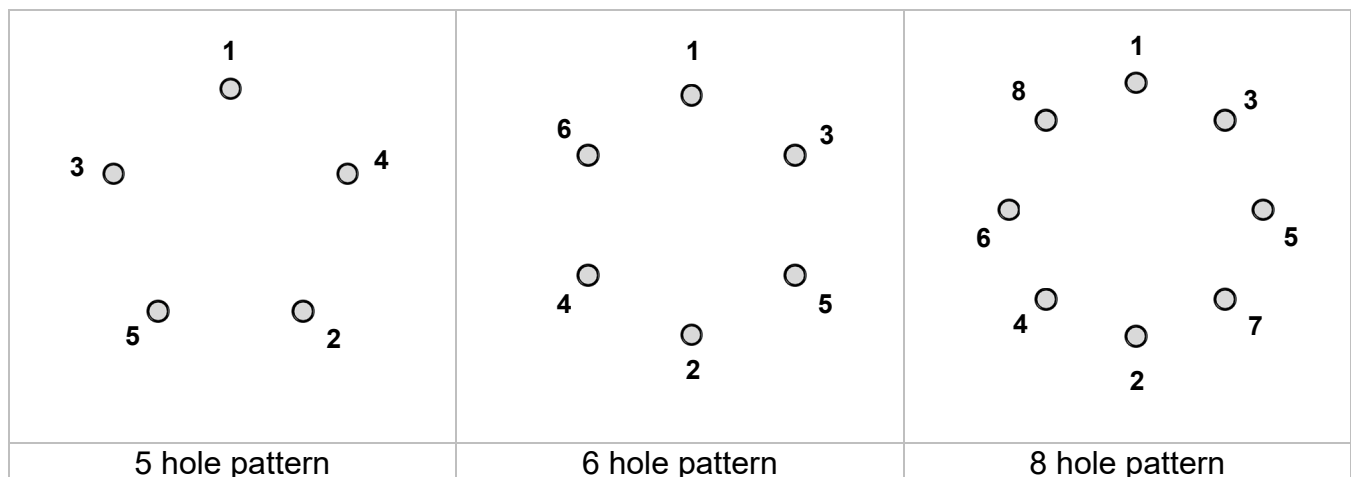


Figure 1 – Star pattern method - torque sequence

Warranty: Campaign #12-21-6 is active in the warranty system for each potentially affected machine.

Scenario 1 repair: 1 hour (single axle), 1.25 hour (dual axle), or 1.5 hour (tri axle) labor plus travel time/mileage will be accepted per claim.

Scenario 2 repair: Labor time of repair, plus parts (if required), plus travel time/mileage will be accepted per claim. Attach photos of damaged/replaced parts to the warranty claim. All damaged/replaced parts shall be disposed of to prevent reuse.

All claims must be submitted as claim type = "Field Modification".

Unit Model/Serial Number/Wheel Lug Nut Torque Charts:**GENERATORS**

Model	Total Units	Beginning Serial #	Ending Serial #	Wheel Lug Nut Torque
G25WDO-3A-T4F	179	500909UAAFH45	503276UGAFH45	100-120 Ft.-Lbs.
G40WDO-3A-T4F	16	501492UCAFH46	503028UFAFH46	100-120 Ft.-Lbs.
G50WDO-3A-T4F	19	501494UCAFH35	503044UFAFH35	100-120 Ft.-Lbs.
G70WDO-3A-T4F	11	495874UIADG14	503030UFAFH41	100-120 Ft.-Lbs.
G70WDO-3Q-T4F 600V	6	501769UDAFH66	502432UEAFH66	100-120 Ft.-Lbs.
G125WCU-3A-T4F	2	501351UCAFH62	501581UCAFH62	100-120 Ft.-Lbs.
G125WCU-3Q-T4F 600V	7	501241UBAFH67	502124UDAFH67	100-120 Ft.-Lbs.
G150WCU-3A-T4F	2	501240UBAFH63	501350UCAFH63	100-120 Ft.-Lbs.
G240WCU-3B-T4F	1	500972UBAFH10	N/A	100-120 Ft.-Lbs.
G240WCU-3Q-T4F 600V	5	501352UBAFH11	501921UDAFH11	100-120 Ft.-Lbs.
G325WCU-3B-T4F	2	500795UAAFH12	500973UBAFH12	100-120 Ft.-Lbs.
G325WCU-3Q-T4F 600V	8	501381UBAFH13	501957UDAFH13	100-120 Ft.-Lbs.
G400WCU-3B-T4F	91	490767UAADH14	503135UGAFH14	140-170 Ft.-Lbs.
G400WCU-3Q-T4F-600V	21	494213UEADH36	503318UHAFH36	140-170 Ft.-Lbs.
G570WCU-2B-FX-T2 (Reman)	3	425744RBAFH76	455329RCAFH76	100-120 Ft.-Lbs.
G570WCU-2B-T4F	33	500749UAAFH80	503122UGAFH80	100-120 Ft.-Lbs.
G570WCU-2Q-T4F 600V	1	501111UBAFH81	N/A	100-120 Ft.-Lbs.
NG160WPS-3E	1	497114UKADF55	N/A	100-120 Ft.-Lbs.
NG225WPS-3E	3	497197UKADF56	497294UKADF56	100-120 Ft.-Lbs.

Unit Model/Serial Number/Wheel Lug Nut Torque Charts:**AIR COMPRESSORS**

Model	Total Units	Beginning Serial #	Ending Serial #	Wheel Lug Nut Torque
HP375WCU (Reman)	1	389396REAFB11	N/A	100-120 Ft.-Lbs.
HP375WCU-T2-EX	1	502433UEAFG03	N/A	100-120 Ft.-Lbs.
XP375WIR-T3 (Reman)	3	354296RCAFC48	412230RFAFC48	100-120 Ft.-Lbs.
P425/HP375WCU-T4F	199	500675UAAFH17	503003UF AFH17	100-120 Ft.-Lbs.
HP450/VHP400WCU-T4F	31	501593UCAFH18	502833UF AFH18	100-120 Ft.-Lbs.
HP750WCU-T1 (Reman)	2	312205RD AFH42	325930RD AFH42	100-120 Ft.-Lbs.
HP750WCU-T3 (Reman)	8	346794RF AFH37	425922RBAFH37	100-120 Ft.-Lbs.
XP825WCU-T1 (Reman)	5	263729RD AFH43	333214RD AFH43	100-120 Ft.-Lbs.
XP825WCU-T3 (Reman)	3	339744RD AFH40	415888RBAFH40	100-120 Ft.-Lbs.
XP825/HP750WCU-T4F	36	501348UCAFF72	503134UG AFF72	100-120 Ft.-Lbs.
HP915WCU-T3 (Reman)	2	413412RE AFH53	441557RE AFH53	100-120 Ft.-Lbs.
HP1600WCU-T3 (Reman)	5	404833RF AFH34	425788RF AFH34	190-210 Ft.-Lbs.
HP1600WCU-T4F	17	495789UI ADF76	502951UF AFF76	190-210 Ft.-Lbs.
XHP1170WCU-T3 (Reman)	6	367862RK AEH54	427193RK AEH54	190-210 Ft.-Lbs.
XHP1170WCU-T4F	4	501471UCAFF78	502129UD AFF78	190-210 Ft.-Lbs.

Technical Service Bulletin 12-21-6 Damage Call Sheet

Complete the call sheet below before calling.

- All photos taken shall be labeled for identification of wheel location on unit.
Example: *Street Side Front (SSF), Street Side Middle (SSM), Street Side Rear (SSR), Curb Side Front (CSF), Curb Side Middle (CSM), Curb Side Rear (CSR). The drawbar denotes the front of the unit.*
- Ensure all photos and this document are formatted in a manner for emailing.

Call 1-800-633-5206 Option #3 to consult with a Doosan Factory Technician for guidance on parts to be replaced.

Unit Model						
Serial Number						
Unit Hours						
Number of Axles						
Damage To:						
Check wheel location of damaged components observed						
	SSF	SSM	SSR	CSF	CSM	CSR
Studs						
Wheels						
Lug Nuts						
Wheel Hub						
Leaf Springs						
Shackles						
Other						

Describe Other Damage Observed: _____

