

Update for John Deere NRE55343 Lube Oil Pump

This update is for 3135, 3152, 4180, 4202, 4219, 4239, 6303, 6329 John Deere engines. The NRE55343 lube oil pump is not new to the market.

Reliance is providing this update for all of our customers. If you are installing this lube oil pump in one of the above engines, you may run into one of the following problems:

PROBLEM	SOLUTION
The back cover is different	The cover on the old style lube oil pump has the oil pump pick-up and back cover all in one section. If your lube pump has the old style cover you will need to obtain a new oil pickup tube and O-ring. Pick up tube part # is AR60701 and O-ring part # is A4730R from John Deere.
There is no port for the lube line that goes to timing cover	When using this lube oil pump in an engine that has the lube oil line to lower idler gear, you will need to discard the lube oil line and clamp, as it is no longer used.
There are four bolt holes in the pump housing, but only three bolt holes in the cover.	Depending on the timing plate that you are using, there can be three bolts used or two bolts used. DO NOT attempt to drill a fourth hole in the cover. This hole has been eliminated to remove interference on some applications.

All bolts get torque to 50 NM (35 LB-ft).

NRE55343 - Oil pump 300 Series

This oil pump has been substituted several times. The newest number is RE55343. The pump does not include the intake screen.

1. Early style pickup tube/screen assembly is welded to intake housing
2. New style pickup tube/screen is separate from the intake housing

The pickup tube/screen is application specific, refer to parts book for proper part number. The two most common pickup screen numbers are: NAR59621 and NRE36425 (replaces AR60701); also will need oring NR47153.

May also have to replace oil outlet pipe

3. Old style outlet may not work with your application.
4. May need to install NR113752 oil pump to block tube. (This tube is also original equipment for some applications, and can wear during operation and should be replaced at engine overhaul)
5. When using this lube oil pump in an engine that has the lube oil line to lower idler gear, you will need to discard the lube oil line and clamp, as it is no longer used.

Depending on the timing plate that you are using, there can be three bolts used or two bolts used.

DO NOT attempt to drill a fourth hole in the cover.

This hole has been eliminated to remove interference on some applications.

**Torque all bolts to 50 NM
(35 LB-ft).**

