Lubecore Technical Announcement

New Barbed Hose Fittings for Korilla Lining

In communication LCC2019-010 Lubecore introduced a new 20.236 5mm straight barbed fitting. In a subsequent communication LCC2020-001 Lubecore introduced the new 20.237. Additional new barbed fitting options are now available from Lubecore which are the 20.252 and 20.254 1/8 NPT Male and Female Barbed fittings.

Lubecore International is pleased to introduce the 20.252 and 20.254 barbed fittings shown on the right. They feature male and female 1/8 NPT threads. The male thread fitting can be installed directly into a grease point. The female fitting is designed to accept a 1/8 NPT zerk fitting. The original thinking behind the design was to allow a user to take a zerk fitting off of an existing platform, replace it with a male threaded barbed fitting and then reinstall the zerk into a remote grease bank bracket with the female threaded fitting. The concept is shown below. These fittings work equally well when used in an automatic lubrication system assembly.

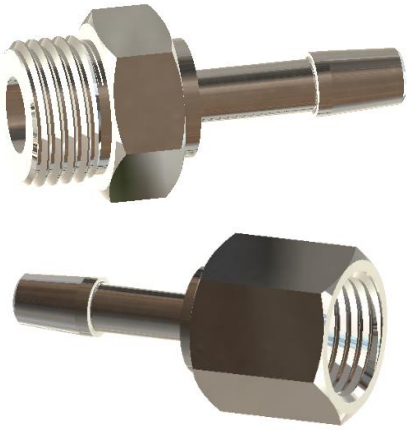


Figure 1 20.252 and 20.254 Barbed Secondary Line Korilla Fittings

Figure 2 Remote Grease Bank Concept

These fittings feature the same burst pressure as the 20.236 and 20.237, capable of withstanding 4000 psi pressure when used with Lubecore Korilla lining and the 8.7mm 20.239 band clamp.

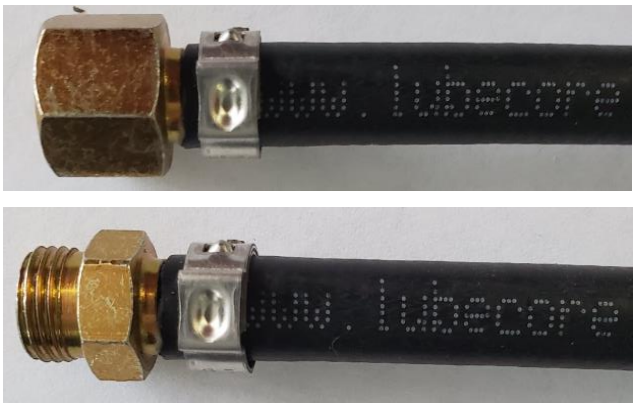
New part numbers and what they substitute are listed below:

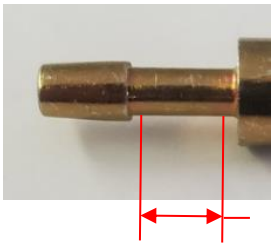
New Part #	Description	Substitutes Part #
20.252	Male Threaded Barb Fitting 1/8 NPT	New
20.254	Female Threaded Barb Fitting 1/8 NPT	New

Pictures of a system installed on a mid-row bander from an air seeder are shown in Figure 3.

Figure 3 Grease Bank Installed on a

As with the 20.236 and 20.237, it was also important to keep the clamp off the barbed portion of the fitting to ensure that the lining is clamped onto the stem between the barb and the shoulder on this fitting. This allows the barb to properly engage with the lining and provide the holding force needed to generate the high burst pressure. The location of the 20.239 clamp in the assembly should be near the end of the hose as shown in Figure 4.





20.239 clamp locations

Figure 4: Location of clamp relative to the end of the Korilla lining.