



PRODUCT UPDATE

LEMO USA, Inc.
635 Park Court
P.O. Box 2408
Rohnert Park, CA 94927-2408

Main (707) 578-8811
Toll Free (800) 444-5366
Fax (707) 578-0869
Email info@lemousa.com

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By: LEMO SA
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BRR Dust Cap Product Changes – Consolidated Version



Summary of Changes (Detailed information below):

- 1) Plastic components made from PSU rather than POM (announced in Product Update #122 on May 15, 2013)
- 2) **NEW** in this announcement- Material of gasket made from FKM (Viton®) rather than MVQ (Silicone) – (see information in Item #1 Material Changes section below)
- 3) NEW Thread locker recommendations (announced in Product update #122A on October 28, 2013)
- 4) New part numbers (announced in Product update #122A although additional information has been added in Item #3 below)
- 5) New colors available (announced in Product update #122A)

1 & 2) Material Changes:

To improve the quality on the BRR dust cap products, LEMO has changed the dust cap materials from POM (Polyoxymethylene) to PSU (Polysulfone) for the plastic components, and MVQ (Silicone) to FKM (Viton®) for the gasket material. These material changes improve the adhesion of the gasket and seals the connector properly during unmating cycles. All series of the BRR dust cap products including: 0S, 1S, 2S, 3S, and 3K are implemented with this material change.

3) Thread locker Recommendations

With this PSU material change it is critical that the correct thread locker and thread sealants are used as listed below:

- A) Thread lockers such as Loctite® 242 (or equivalent) are not compatible with the PSU cap material
- B) The following removable thread lockers or thread sealants are recommended for use on the receptacle threads:

Removable Thread lockers

- ND Industries Vibra-Tite® VC6 (LEMO USA part# VTVC-6 CLEAR)
- ThreeBond 1401

PTFE based Thread sealants (reduced break-away torque)

- Permatex® Thread Sealant with PTFE (80633)
- LOCTITE® w/PTFE™

4) Old and New Part Numbers:

Please note the new part numbers have a PZV_ suffix ...

Series	Old Part Number	New Part Number
0S, 0B	BRR.0S.200.PZS_	BRR.0S.200.PZV_
1S,1B,1D	BRR.1S.200.PZS_	BRR.1S.200.PZV_
2S, 2B, 2C, 2G	BRR.2S.200.PZS_	BRR.2S.200.PZV_
3S, 3B	BRR.3S.200.PZS_	BRR.3S.200.PZV_

5) Color Options

Replace the _ at the end of the part number above with the color code below:

G=Gray
N=Black
B=White
A=Blue

New Part Number Example:

BRR.0S.200.PZV**G** for Gray PSU color



Effective Date: Immediately

Note: This is a consolidated version of previous Product Updates #122 and #122A.

If you have any questions or concerns regarding this change, please contact Customer Service or Applications Engineering at 1-800-444-5366 or email: info@lemousa.com

Thank you for your continued support of LEMO products!