**INSTALLATION GUIDE SARSTEDT 3.4ML CONVERSION KIT FOR VES MATIC CUBE 80 [30502670].**

**KIT MATERIAL:**

<table>
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<tr>
<th>RIFERIMENTO</th>
<th>DESCRIZIONE</th>
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<tbody>
<tr>
<td>1</td>
<td>CLASSIFICATOR RACK VES-MATIC CUBE 80 FOR SARSTEDT 3.4ML</td>
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<tr>
<td>2</td>
<td>M-F M3X15 SPACER</td>
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<tr>
<td>3</td>
<td>3060PA-02 SPACER</td>
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<tr>
<td>4</td>
<td>PULLER HEAD EXTENSION</td>
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</table>

**ASSEMBLY PROCEDURE:**

1. Turn off the instrument.
2. Overturn the Lid Assembly (3.3.2 point in service manual).
3. Remove the safety bracket ass’y for reader 1 from his position by unscrewing the two screw.

**IMPORTANT:** BE CAREFUL TO NOT DROP THE SCREW INTO THE ANALYSIS MODULE.
4. Remove the safety bracket ass'y for reader 2 from his position by unscrewing the two screw.  
IMPORTANT: BE CAREFULL TO NOT DROP THE SCREW INTO THE ANALYSIS MODULE.

5. Unscrew the two screw nuts from the safety bracket ass'y for reader 1 and then unscrew the two spacer and remove the washers.

6. Screw two M3X15 spacer ②, put two 3060PA-02 spacers ③ between the hexagonal spacer and the sheet and then screw the two screw nuts.
7. Repeat point 5 and 6 for the safety bracket ass'y for reader 2

8. Reassemble the two safety bracket ass'y in the previous position.
9. Insert the Puller Head Extension ④ on the Puller Head of extractor. Use Loctite gel 454 to glue the Puller Head Extension.
10. Turn on the instrument.
11. Enter Service Menu (Chapter of service manual)
12. Modify the INSERTION_CLAMPV_CAP_DOWN parameter from file ini settings (see 2.1.2 of service manual). The new value is about 3870 steps.
13. Modify the LOAD_CLAMPV_RACK parameter (see 2.1.2 of service manual). The new value is about 760 steps.

**IMPORTANT:** THE CLASSIFICATOR RACK VES-MATIC CUBE 80 FOR SARSTEDT 3.4ML MUST BE USED ONLY WITH SARSTEDT 3.4ML TUBES.