



# Special Tools Bulletin

TITLE:

**Newsletter 108: Mandatory Tools**

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**240**

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CAR MARKET:

**United States and  
Canada**

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**“Right first time in Time”**

**For all special tools in this newsletter valid methods have been developed. To carry out the method in a correct way the special tools are required to be used in terms of quality, safety and time.**

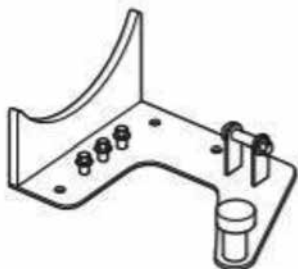
**Special tool pictures in this newsletter may be prototypes and may not exactly represent the final distributed product.**

## **Kit NR 33300358**

|         |                                                 |
|---------|-------------------------------------------------|
| 9997782 | Fixture                                         |
| 9513184 | VGM adapter (used with brake out box 9513088)   |
| 9513188 | OBC adapter (used with brake out box 9513088)   |
| 9513177 | Density Tool                                    |
| 9513160 | Knife                                           |
| 9513203 | Plug                                            |
| 9997777 | Picture (tool for calibration of FLC2 camera)   |
| 9513186 | IEM adapter (used with brake out box 9513088)   |
| 9513198 | Overlay (to be used together with BOB 9513088)  |
| 9513153 | ASDM adapter (used with brake out box 9513088)  |
| 9997755 | Adjust tool (Oil pump belt tension adjust tool) |
| 9997720 | Mandrel                                         |
| 9997779 | Installation tool                               |
| 9997778 | Labels                                          |
| 9814254 | ESD Bracelet                                    |
|         | <b>Dispenser gun</b>                            |
| 9814288 | C2E                                             |

| Service<br>Personnel:<br>Read and<br>initial | SERVICE<br>MANAGER | PARTS<br>MANAGER | WORKSHOP<br>FOREMAN | SERVICE TECHNICIANS |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------------------|--------------------|------------------|---------------------|---------------------|--|--|--|--|--|--|--|--|--|--|--|
|                                              |                    |                  |                     |                     |  |  |  |  |  |  |  |  |  |  |  |

## 9997782



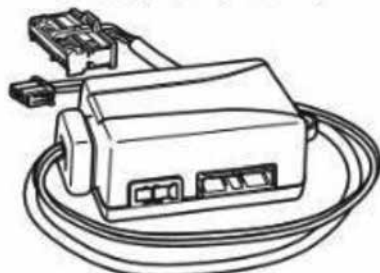
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### Fixture 9997782

Fixture for mount and dismount electric front axle drive (EFAD).

|                          |                   |
|--------------------------|-------------------|
| <b>Tool standard</b>     | C2E               |
| <b>Tool group</b>        | 43                |
| <b>Model</b>             | XC40 BEV          |
| <b>Tool board</b>        | 43                |
| <b>Weight</b>            | 3800 grams        |
| <b>Material</b>          | Steel and Plastic |
| <b>Country of origin</b> | Italy             |

## 9513184



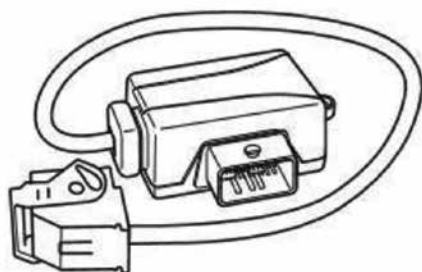
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### VGM 9513184

Adapter to be able to do the diagnostic test on the VGM control unit together with brake out box 9513088.

|                          |                               |
|--------------------------|-------------------------------|
| <b>Tool standard</b>     | C2E                           |
| <b>Tool group</b>        | 39                            |
| <b>Model</b>             | XC40 BEV                      |
| <b>Tool board</b>        | 39                            |
| <b>Weight</b>            | 245 grams                     |
| <b>Material</b>          | Plastic and Steel             |
| <b>Country of origin</b> | Sweden Price 897 SEK (launch) |

## 9513188



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### OBC 9513188

Adapter to be able to do the diagnostic test on the OBC control unit together with brake out box 9513088.

|                          |                   |
|--------------------------|-------------------|
| <b>Tool standard</b>     | C2E               |
| <b>Tool group</b>        | 39                |
| <b>Model</b>             | XC40 BEV          |
| <b>Tool board</b>        | 39                |
| <b>Weight</b>            | 450 grams         |
| <b>Material</b>          | Plastic and Steel |
| <b>Country of origin</b> | Sweden            |



### 951 3177



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### Density Tool 9513177

Leak test tool to be able to vacuum test the battery.

|                          |                    |
|--------------------------|--------------------|
| <b>Tool standard</b>     | C2E                |
| <b>Tool group</b>        | 31                 |
| <b>Model</b>             | XC40 BEV           |
| <b>Tool board</b>        | 31                 |
| <b>Weight</b>            | 211 grams          |
| <b>Material</b>          | Plastic and Bronze |
| <b>Country of origin</b> | Sweden             |

### 951 3160



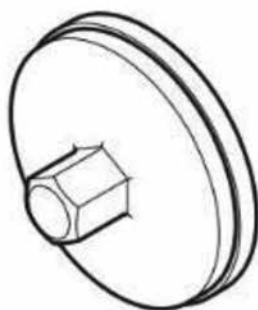
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### Knife 9513160

Knife to be able to release the lid when battery cover and battery module needs to be opened, XC40 and Polestar.

|                          |          |
|--------------------------|----------|
| <b>Tool standard</b>     | C2E      |
| <b>Tool group</b>        | 31       |
| <b>Model</b>             | XC40 BEV |
| <b>Tool board</b>        | 31       |
| <b>Weight</b>            | 60 grams |
| <b>Material</b>          | Steel    |
| <b>Country of origin</b> | Sweden   |

### 951 3203



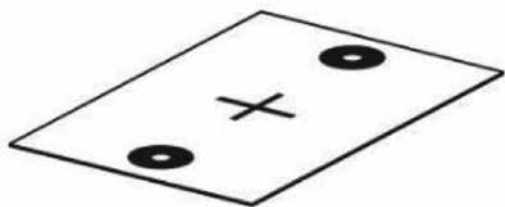
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### Plug 9513203

Plug to be able leak test the battery.

|                          |                  |
|--------------------------|------------------|
| <b>Tool standard</b>     | C2E              |
| <b>Tool group</b>        | 31               |
| <b>Model</b>             | XC40 BEV         |
| <b>Tool board</b>        | 31               |
| <b>Weight</b>            | 60 grams         |
| <b>Material</b>          | Rubber and Steel |
| <b>Country of origin</b> | Sweden           |

999 7777



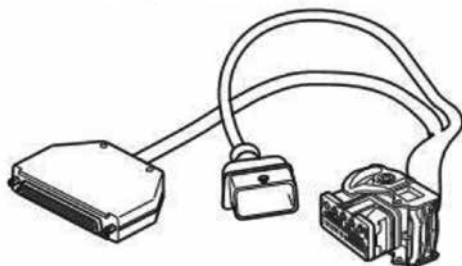
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## Picture 9997777

Picture tool for calibration of FLC2 camera when replacement of windscreen is needed.

|                          |                  |
|--------------------------|------------------|
| <b>Tool standard</b>     | C2               |
| <b>Tool group</b>        | 39               |
| <b>Model</b>             | XC40 BEV SPA 1,2 |
| <b>Tool board</b>        | 39               |
| <b>Weight</b>            | 100 grams        |
| <b>Material</b>          | Plastic          |
| <b>Country of origin</b> | Denmark          |

951 3186



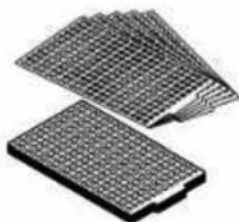
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## IEM 9513186

Adapter to be able to do the diagnostic test on the IEM/IHFA control unit together with brake out box 9513088.

|                          |                   |
|--------------------------|-------------------|
| <b>Tool standard</b>     | C2                |
| <b>Tool group</b>        | 39                |
| <b>Model</b>             | XC40 BEV          |
| <b>Tool board</b>        | 39                |
| <b>Weight</b>            | 355 grams         |
| <b>Material</b>          | Plastic and Steel |
| <b>Country of origin</b> | Sweden            |

951 3198



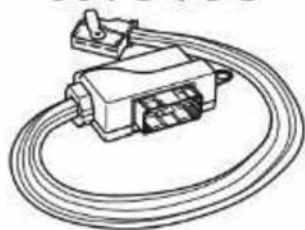
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## Overlay 9513198

Overlay. Have to be used when you do the diagnostic test with 9513153, -84,-85,-86,-88. Have to be used together with BOB 9513088.

|                          |           |
|--------------------------|-----------|
| <b>Tool standard</b>     | C2        |
| <b>Tool group</b>        | 39        |
| <b>Model</b>             | XC40 BEV  |
| <b>Tool board</b>        | 39        |
| <b>Weight</b>            | 150 grams |
| <b>Material</b>          | Paper     |
| <b>Country of origin</b> | Sweden    |

9513153



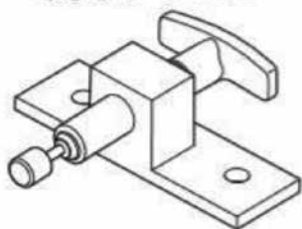
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## Adapter 9513153

Adapter to be able to do the diagnostic test on the ASDM control unit together with brake out box 9513088.

|                      |                   |
|----------------------|-------------------|
| <b>Tool standard</b> | C2                |
| <b>Tool group</b>    | 39                |
| <b>Model</b>         | XC40 BEV          |
| <b>Tool board</b>    | 39                |
| <b>Weight</b>        | 415 grams         |
| <b>Material</b>      | Plastic and Steel |

9997755



**VOLVO**

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## Adjust tool 9997755

Tool to adjust the belt tension on the oil pump on VEA Gen 3 VEP3/VED3.

|                          |                          |
|--------------------------|--------------------------|
| <b>Tool standard</b>     | C1                       |
| <b>Tool group</b>        | 21                       |
| <b>Model</b>             | S/V60, S/V90, XC60, XC90 |
| <b>Tool board</b>        | 21                       |
| <b>Weight</b>            | 295 grams                |
| <b>Material</b>          | Steel                    |
| <b>Country of origin</b> | Germany                  |

9997720



**VOLVO**

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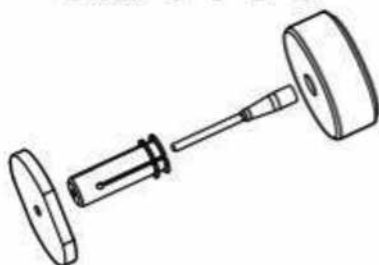
## Mandrel 9997720

Mandrel to mount sealing to torque converter for gearbox AW8G55/45/30.

|                          |                  |
|--------------------------|------------------|
| <b>Tool standard</b>     | C1               |
| <b>Tool group</b>        | 43               |
| <b>Model</b>             | XC60, XC90, XC40 |
| <b>Tool board</b>        | 43               |
| <b>Weight</b>            | 212 grams        |
| <b>Material</b>          | Plastic          |
| <b>Country of origin</b> | Poland           |



999 7779



**VOLVO**

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## Installation tool 9997779

Tool for assemble Teflon seal ring on fuel injector for latest petrol engine models (GAP4, GEN3).

|                          |                   |
|--------------------------|-------------------|
| <b>Tool standard</b>     | C1                |
| <b>Tool group</b>        | 21                |
| <b>Model</b>             | B420T, B420T2     |
| <b>Tool board</b>        | 21                |
| <b>Weight</b>            | 274 grams         |
| <b>Material</b>          | Plastic and Steel |
| <b>Country of origin</b> | Poland            |

## Labels 9997778

Labels for help to using right cooling media for the A/C refrigerants equipment's.

|                          |          |
|--------------------------|----------|
| <b>Tool standard</b>     | C1       |
| <b>Tool group</b>        | 87       |
| <b>Model</b>             | XC40 BEV |
| <b>Tool board</b>        | 87       |
| <b>Weight</b>            | 20 grams |
| <b>Material</b>          | Plastic  |
| <b>Country of origin</b> | Denmark  |



Article No. 9997778



981 4254



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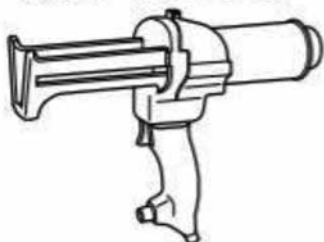
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### ESD bracelet 9814254

A bracelet to prevent the build-up of static electricity, which can result in electrostatic discharge and damage the sensitive electronic components in the car (ESD).

|                          |          |
|--------------------------|----------|
| <b>Tool standard</b>     | C1       |
| <b>Tool group</b>        | 39       |
| <b>Model</b>             | XC40 BEV |
| <b>Tool board</b>        | 39       |
| <b>Weight</b>            | 5 grams  |
| <b>Material</b>          | Fabric   |
| <b>Country of origin</b> | Germany  |

981 4288



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### Dispenser Gun 9814288

Dispenser gun pneumatic for application of cooling paste for battery modules and high voltage battery cover.

|                          |                      |
|--------------------------|----------------------|
| <b>Tool standard</b>     | C2E                  |
| <b>Tool group</b>        | 31                   |
| <b>Model</b>             | XC40 BEV             |
| <b>Tool board</b>        | 31                   |
| <b>Weight</b>            | 2700 grams           |
| <b>Material</b>          | Aluminum and Plastic |
| <b>Country of origin</b> | Estonia              |