Installation Instructions

Replacing the Machine Wiring Connector

1. If the machine wiring harness has a European connector ①, install an ASAE connector on the machine wiring harness.

2. Remove the cover nut ② from the rear of the connector body.

3. Pry open the tabs ③ on each side and remove the screws.

4. Remove the two halves of the connector body.

5. Disconnect the wires from the connector plate.

6. Remove the cover nut from the machine wiring harness.

7. Remove the rear screw ④ from the housing of the SAE connector. Remove the clamp plate located under the rear screw. Remove the front screw ⑤.

Figure 1
European Connector

Figure 2
SAE Connector
8. Slide the wiring harness through the SAE connector to push out the connector plate.
9. Install the wires in the connector plate and tighten the screws. Refer to the Table 1 for the correct placement of the wires.

**TABLE**

<table>
<thead>
<tr>
<th>Conductor Indicator</th>
<th>Wire Color</th>
<th>Euro. Terminal Number</th>
<th>Circuit</th>
<th>US Terminal Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wht</td>
<td>White</td>
<td>3</td>
<td>Ground</td>
<td>1</td>
</tr>
<tr>
<td>Yel</td>
<td>Yellow</td>
<td>1</td>
<td>Left Blinker</td>
<td>3</td>
</tr>
<tr>
<td>Grn</td>
<td>Green</td>
<td>4</td>
<td>Right Blinker</td>
<td>5</td>
</tr>
<tr>
<td>Brn</td>
<td>Brown</td>
<td>6</td>
<td>Tail Lamps</td>
<td>6</td>
</tr>
</tbody>
</table>

10. Apply dielectric grease to the wire connections.
11. Pull the wiring harness through the housing until the connector plate is seated in the housing.
12. Install the front screw in the housing.
13. Install the clamp plate and the rear screw in the housing.

**Installing the SMV**

1. Find the mounting bracket located at the rear of the mainframe on the LH side. Hold the fitting and loosen the jam nut at the rear of the mounting bracket.

![Figure 3 Connector Plate](#)

![Figure 4](#)
2. Slide the slot of the SMV bracket over the fitting. The SMV bracket must be installed between the jam nut and the mounting bracket on the mainframe.

3. Align the holes in the SMV bracket and the mounting bracket on the mainframe. Install and tighten the mounting hardware from the kit.

4. Hold the fitting and tighten the jam nut.

5. Install the SMV sign on the SMV mounting bracket using the hardware from the kit.

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**Installing the Reflectors**

**Installing the LH Front Reflector**

1. Clean the front of the LH front sign mounting bracket.

2. Install one of the 838-265C amber reflectors on the front of the sign mounting bracket. Install the amber reflector as close to the end bracket as possible.

3. Cut the other 838-265C amber reflector into two equal pieces.

4. Install one of the pieces next to the amber reflector installed earlier.

Note: The other half of the second amber reflector is not used.

Note: No reflector is needed on the RH front sign mounting bracket.
**Installing Red Reflectors on the Disc Frames**

1. Clean the rear of the LH disc frame ①.
2. Install a 838-266C red reflector ②.
3. Clean the rear of the LH disc frame ③.
4. Install a 838-266C red reflector ④.

![Figure 7](image7)

**Installing the Red Reflectors on the Axle Lift Frame**

1. Clean the LH side of the axle lift frame ①.
2. Install a 838-266C red reflector ②.
3. Repeat the procedure to install a 838-266C red reflector on the RH side of the axle lift frame.

![Figure 8](image8)