1) Name of best practice:
String Trimmer Fix - TEC

2) Primary Contact:
   a. Name: Raul Olea
   b. Phone: 314
   c. Email:

3) Location: District - District 6  Division - MT - Maintenance

4) Best Practice description:
MoDOT has to purchase the whole head assembly for a string trimmer because the manufacturer does not sell the outer cap by itself. I have worked it out so that we prolong the use of the cap from repeated hits to the ground to advance the string simply and cheap.

5) What is the purpose of this best practice? (Check all that apply.)
   - Saves money
   - Simplifies work
   - Saves time
   - Improves safety
   If "Other," please describe:

6) How does MoDOT benefit from this best practice?
I have drilled out the center cap to allow a bolt and washer to be used instead of the plastic cap. The bolt head sticks out further than the cap allowing more space between ground and the outer cap. The bolt head will also outlast the plastic center cap saving MoDOT a considerable amount of money.

7) When was the best practice implemented?  11/07/2008 (MM/DD/YYYY)

8) What are the costs to implement this best practice?
Total labor hours: 5 minutes   Total material costs: 19 cents

9) Has this practice received any other MoDOT recognition?
   - No
   - Yes
   If Yes, please list:
<table>
<thead>
<tr>
<th>DATE</th>
<th>INVOICE NUMBER</th>
<th>CUSTOMER ACCOUNT NO.</th>
<th>TERMS</th>
<th>CUSTOMER ORDER NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/20/08</td>
<td>494622</td>
<td>58563</td>
<td>6069026</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>QUANTITY</th>
<th>DESCRIPTION</th>
<th>UNIT PRICE</th>
<th>TOTAL AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>01-000847/10-22191 OUTSIDE 20-2 HD B</td>
<td>22.99</td>
<td>111.96</td>
</tr>
<tr>
<td>2</td>
<td>77-611/1169-44</td>
<td>15.50</td>
<td>31.00</td>
</tr>
<tr>
<td>2</td>
<td>76-256</td>
<td>1.25</td>
<td>30.00</td>
</tr>
<tr>
<td>1</td>
<td>760000803403</td>
<td>35.95</td>
<td>35.95</td>
</tr>
<tr>
<td>1</td>
<td>5.50</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Thank-you! We appreciate your business!**

**Approved for Payment**

**By:** Bill Keeslar

**Date:** 08/20/08

**R413 West All**

---

*All accounts due on 10th of month following purchase. A FINANCE CHARGE of 1 1/2% (ANNUAL PERCENTAGE RATE of 18%) will be added to unpaid balance. NO RETURNS ON: Belts, Electrical or Special Orders. 15% Restocking Charge on returned items.*
THIS IS THE SECOND PLACE WINNER FOR DISTRICT 6 TOOL AND EQUIPMENT CHALLENGE.

IT IS IN THE ROADSIDE CATAGORIE.