

# MoDOT Solutions At Work

Status:  Referred back to employee

Tracking #: 081202-0001

Date Submitted: 12/02/2008

Date District Review:

Date Technical Review #1:

Date Technical Review #2:

Date Technical Review #3:

Date EAC Review:

Date Management Review:

Date Approved:

Date Rejected:

Date Ineligible:

Date Idea Advocate:

Date Referred Back to Employee: 12/2/2008

Due Date: 12/23/2008

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Date Document/Certificate Sent:

Date Tip Sheet Sent:

Recognition:  Money \$ Amount:  
 Leave time

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 do 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
- Other

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:



**JOHN DEERE**

Honda, ExMark, Toro, Woods,  
Snapper, Little Wonder, Frontier,  
Lawn-Boy, Kawasaki, Kohler

# ART'S LAWN MOWER SHOP

15 Black Jack Court • Florissant, MO 63033

Phone: (314) 741-1055

www.artslawnmowershop.com

# Kubota

Suhl, Red-Max, Echo, Dixie Chopper,  
Excoco, Billy-Goat, Mantis, Great Dane,  
Briggs & Stratton & Tecumseh

77-61110001  
MOTOR  
MICHIGAN DEPT OF TRANSP.  
1590 WOODLAKE DR.  
BRIGHTON MI 48116 83017 5712

EQUIPMENT REPAIRED

SERIAL NO.

HOURS

# FAKED

DATE	INVOICE NUMBER	CUSTOMER ACCOUNT NO.	TERMS	CUSTOMER ORDER NO.
08/20/08	494622	58563		6069026

QUANTITY	PART NUMBER	DESCRIPTION	UNIT PRICE	TOTAL AMOUNT
*** THANK-YOU! WE APPRECIATE YOUR BUSINESS ***				
1	76-5002102191	AMOUNT 20-2 HD B NEW	27.99	111.96
2	77-61110003-44	U U211A	15.50	31.00
24	76-2.6	12" LOOP PICO SLIM .043	1.25	30.00
1	76-00009303402	2.60Z 2CYCLE (0781-319-8000)	35.95	35.95
		U DISPLAY		
		SLBS .093 X SHAPED (RED \$5699)		
		LABOR		
			ITEM TOTAL	208.91
			CUSTOMER LABOR	48.00
			SUB TOTAL	256.91
			CHARGE SALE	\$256.91

Approved for Payment

By Bill Keesh

Date 8/20/08

R413 WESLEY

Bill Keesh



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.

ITEM	UNIT PRICE	TOTAL AMOUNT	CUSTOMER ORDER NO.
ITEM TOTAL	27.99	111.96	6069026
LABOR	15.50	31.00	
SUB TOTAL	1.25	30.00	
CHARGE SALE	35.95	35.95	

charge A FINANCE CHARGE of 1 1/2% added to unpaid balance. NO RETURNS King Charge on returned items

# Kubota

John, Red-Max, Echo, Dixie-Chopper,  
Excoco, Billy-Goat, Mantis, Great Dane,  
Briggs & Stratton & Tecumseh





**THIS IS THE SECOND PLACE WINNER FOR DISTRICT 6 TOOL AND  
EQUIPMENT CHALLENGE.**

**IT IS IN THE ROADSIDE CATAGORIE.**