

Tool and Equipment

April 2020

Prepared by Transportation Planning
Missouri Department of Transportation

Mower Deck Spring [Video](#)



Description

The Mower Deck Spring is an innovation that uses springs instead of air bags on the mower deck. The old air bags were expensive to replace and difficult to maintain. The new springs do not require replacements, are easily maintained, allow for consistent set ground clearance need and improves the aesthetic appearance of mowed right of way.

Benefit

With the springs, there is no longer a need to buy replacements. With this innovation not needing replacements, it saves the workers time by not needed to change out the air bags.

Materials and Labor

The total cost was \$522 with two hours of labor to install.

For More Information Contact

Northeast District

John Huber at John.Huber@modot.mo.gov or 573-406-6529. Additional contact: Danny Duke.

Additional information, photos or videos can be seen by accessing Innovations Challenge SharePoint page at: <http://sp/sites/tp/planpol/SitePages/InnovationHome.aspx>



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Moscow Mills, MO 63362
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Invoice To Account No.: 530260

Deliver To Account No.: 530260

PARTS INVOICE

MODOT - TROY
121 FRANCIS DRIVE
TROY MO 63379
US

Bus Ph: 636-528-3182 Piv Ph: 636-358-0544

MODOT - TROY
121 FRANCIS DR
TROY MO 63379
US

Bus Ph: 636-528-3182 Piv Ph: 636-358-0544

Invoice No: 1607045
Date: 3/25/2019
Page: 1 of 1
Payment Type: Credit Card

Supplied Quantity	Back Order Quantity	Part Number	Part Description	Bin Loc	List Price	Net Price	Extended Price	Tax Ind
8.00	0.00	W47748	CAP		17.93	17.93	\$143.44	N
2.00	0.00	W48306	Spring		36.74	35.91	\$71.82	N
8.00	0.00	19M7347	Cap Screw		2.89	2.83	\$22.64	N
4.00	0.00	N236464	SPRING		72.68	71.06	\$284.24	N

INVOICE CONTAINS \$8.62 DISCOUNT

Customer PO No:
Tax Exempt No: ON FILE 2015
Salesperson: John Bross

Parts: \$522.14
Misc: \$0.00
Sales Tax: \$0.00
Deposit: \$0.00

Total: \$522.14

Credit Card Information Merchant ID: Terminal ID: 17 Client ID: 6363200010001

Appl Label	Masked PAN	Exp	Card Entry	RESULT	Auth	AID	TVR	TSI	ARC	IAD	CVM	Total
	2873	11/22	Swiped	CAPTURED		025050						\$522.14