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IMPORTANT SAFETY RECALL

This notice applies to your vehicle. See attached serial number list.

NHTSA Safety Recall No. 15V-83900

January 8, 2016

Dear Altec Owner,

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act, and Canada Motor Vehicle Safety Act.

Altec Industries, Inc. has been informed by Manitex that a defect which relates to motor vehicle safety exists in certain PM Model 38524, 38525 and 38526 Cranes. These units have the possibility of cracks developing in the outrigger housing. The cracks can possibly cause outrigger failure resulting in death or serious injury.

Refer to CSN 627 and the Manitex Recall Letter for the items covered under the recall.

In order to determine if your unit is affected by CSN 627, compare the serial number of your unit with the list of affected units attached to the CSN. The repair must be approved by Manitex. You may contact Manitex at 1-512-942-3048 for further assistance.

For US owners: after contacting Manitex, if you are still not able to have the safety condition remedied within a reasonable time, you may write to: Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue SE, Washington, DC 20590 or call 1-888-327-4236 (TTY: 1-800-424-9153) or go to <http://www.safercar.gov>.

If you had this repair performed before you received this letter, you may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy of the problem associated with this recall. If you have sold or retired the unit please call Altec at 1-877-GO-ALTEC (1-877-462-5832) so the records may be changed.

If you have leased this equipment to another person or company, you are required by Federal Law to forward a copy of this notice to the lessee by first class mail within ten (10) days of the receipt of this notice.

We are sorry to cause this inconvenience; however we are taking this action in the interest of your safety and continued satisfaction with Altec products.

Thank you for your immediate attention on this important matter.

Customer Service Notice

Date: January 8, 2016

Units Affected: Certain PM Model 38524, 38525 and 38526 Cranes (see attached list)

Outrigger Box Inspection

Altec is committed to providing our customers with safe and reliable products from initial delivery throughout the useful life of the machine.

Altec has been informed by Manitex, distributor of PM cranes, of an issue concerning the outriggers on certain cranes listed above. Cracks have been discovered in the outrigger box on some units. **Failure of outrigger structures can cause the unit to become unstable possibly resulting in death or serious injury.**

Altec is attaching the Manitex document and requires customers with the affected units to follow the instructions on the document and inspect each unit upon receipt of this CSN. The inspection must be done on the outrigger box.

If any cracks are found, immediately remove the unit from service and contact the Manitex Product Support Department (Anne Crow - acrow@manitex.com or call 512-942-3048) if you have any questions or for further instructions.

This repair is NOT covered under the Altec Warranty Policy, but will be handled through Manitex. Contact Manitex Product Support Department to file a warranty claim.



To: Altec Northeast LLC
From: Product Support Department
No.: 705
Subject: PM Base Modification

Date: 11/23/2015

Manitex has been informed that specific cranes are subject to developing cracks in the outrigger boxes located on the base weldment. As a result, two reinforcement collars must be welded on to the base in addition to completing two longitudinal welds. The following serial number list depicts the cranes affected by this campaign sold to your company:

Model	Serial No.	Model	Serial No.
38525	G12500111317	38525	G12500181401
38525	G12500121319	38525	G12500191401
38526	G12500211337	38524	G12500381420 (*)
38526	G12500221337		
38525	G12500171401		

(*) - Visually inspect for cracks if already updated.

Go to www.manitex-uptime.com to place a warranty repair parts order (WRPO) for two 333230000 collars which will be shipped to the specified address. A separate WRPO must be entered for each serial number to be modified. Complete the base modification in accordance with the following weld procedure then file a warranty claim for reimbursement. *Note:* An invoice attached to the claim is required for any Other Direct Costs associated with the repairs, i.e. a contract welder, die penetrant, etc.

******* NOTE *******

In the event cracks are found in the base, please contact Manitex immediately for a weld repair procedure before completing this modification. Such repairs will be handled on a case by case basis and will require detailed photos to be submitted to publish a weld procedure. Reasonable costs to repair any identified cracks will be reimbursed in addition to the above modification.

Please contact the Manitex Product Support Department if you have any questions.

Anne Crow - acrow@manitex.com - 512-942-3048



PM Base Modification Welding Repair Procedure

Allowed Timeframe: Eight (8) Hours, including removing and replacing the outrigger beams.

Requirements:

1. All welding will be completed by an American Welding Society (AWS) certified welder in accordance with specification D.1.1 for the correct welding position.
2. Heat must be carefully modulated to avoid any warping of the outrigger boxes to be welded. Monitor accordingly.
3. Gas Metal Arc Welding (GMAW) using ER-100 or equivalent is specified. Substitution for Stick Metal Arc Welding (SMAW) is acceptable providing the 100 ksi requirement is maintained. The material is Weldox 700.

Repair Procedure:

1. Remove all mechanical components from the both sides of the outrigger housing. Protect remaining components in the area during welding.
2. Remove paint from the area where the collars are to be welded.
3. Die penetrant the area for cracks. Contact Manitex immediately if cracks are found during the inspection and before continuing with this procedure.
4. If no cracks are found, locate and weld the collars to the outrigger box using ER-100 filler (Z6) in accordance with 172030 and the weld parameters in Attachment 2. Complete the weld (Z3) in the upper inside of the outrigger box.
5. Die penetrant the weld zones for cracks once the outrigger box has fully cooled. Remove any cracks that have been identified by grinding and re-welding. Repeat as required to ensure all cracks are repaired.
6. Remove the die penetrant then prime and paint the repair area.
7. Install all mechanical components.
8. Lubricate all slider pads.
9. Function test.

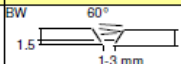
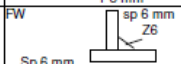
Attachments:

1. Recommended Parts List
2. Welding Specifications
3. Reinforcement Bracket Location Detail (Dwg. No. 172030)

Attachment 1: Parts List

Part Number	Description	Qty. Req'd.
333230000	Outrigger Reinforcement	2

Attachment 2: Welding Specifications

WELDING PROCESS TYPE	TYPE OF JOINT	JOINT POSITION	MATERIALS TO WELD	THICKNESS RANGE (mm)	PREHEATING AND INTERPASS TEMPERATURE (°C)	FILLER MATERIAL - WIRE SIZE (Φ)	PROTECTION GAS	GAS FLOW (l/min)	SINGLE OR MULTIPLE PASSAGE	WELDING PARAMETERS			WIRE SPEED (cm/1')	WPAR REFERENCE OR LABORATORY TEST REPORT
										PASSAGE	AMPERE	VOLT		
MAG135 Semiauto- matico	BW 	PIANO	S.690Q EN10137 S.690Q EN10137	3-24	50 230	ER 100 S-G - 1.2	Ar 95-75 % CO2 5-25%	18	MULTIPLA	1° PASSATA 2° PASSATA 3° PASSATA 4° PASSATA	130-140 210-220 250-260 250-260	22-24 24-26 24-26 24-26	32 34 26 26	N°02 Rina 88096/02 Rap.Eurolab.429177/1
MAG135 Semiauto- matico	FW 	PIANO FRONTALE	S.690Q EN10137 S.690Q EN10137	3-24 mm	20 230	ER 100 S-G - 1.2	Ar 95-75 % CO2 5-25%	18	MULTIPLA	1° PASSATA	210-220	27-29	35	N°04 Rina 88096/08 Rap.Eurolab 42922/1 " " 42923/1

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A
B
C

Approv
EmisVerif

SALDARE SU ENTRAMBE I LATI

VALIDA ANCHE PER BASI:
 G124_129115 FINO AD AGGIORNAMENTO 5
 G125_129116 FINO AD AGGIORNAMENTO 5
 G127_129119 FINO AD AGGIORNAMENTO 1
 G138_129124 FINO AD AGGIORNAMENTO 1
 G126_129120 FINO AD AGGIORNAMENTO 1

■ TARGHETTA RELATIVA A PDM 39/14/8 COMUNICAZIONE G12520

2	5	333230	RINFORZO TRAVERSA	56900	EN10137-2	2	Agg
Pos.	C	Codice	Denominazione	Materiale	Q.tà		
<p>Questo disegno e' di proprieta' di Autograv PM Spa e non puo' essere riprodotto i parametri prescritti nelle Specifiche di Solidatura</p>							
Tolleranze generali		<p>spazi UNI EN 22768-1 - m Invariazioni meccaniche UNI EN 22768-1-F compertenza UNI EN 22768-1 - m Rappresentazione sui disegni PPS-202</p>		Durezza			
Solitare		<p>Filo elettrodo PPS-03 base di protezione PPS-03</p>		<p>Tutti i tagli con spessore R (N/mm²) o r=0,05 mm</p>		Tratt. Termico	
Specifiche come da DG 05		<p>Supporti: Rai UNI ISO 4297/1 e UNI 4400</p>		Materiale		Rovinto Da	
<p>PM</p> <p>DENOMINAZIONE TARGH. RIPRISTINO TRAVERSA</p> <p>NOTE G124/5/6/7/8_A020, G138</p>							
				<p>EmisVerif FERRARI M. Approv MIGNON R.</p>		<p>Classific.: PPS-01 C-3 Cl. marc. N disegno_aggiornamento</p>	
				<p>Data: 10/03/2014 Scala: 1:10</p>		<p>7 172030</p>	
				<p>Peso finito:407,443 Kg</p>			