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SERVICE BULLETIN

Group: Electrical

Date: 22-Feb-16 (updated)

SUBJECT:

Software Change - Omnex Transmitters Changed from 16-bit to 24-bit

OVERVIEW:

The software on Omnex transmitters was updated in October 2014 from 16-bit to 24-bit. As a result of this change, existing 16-bit Omnex receivers will not communicate with the updated 24-bit transmitters. The result may be that when a customer orders a **replacement transmitter** they will likely have to replace the receiver as well.

***Note: 24-bit receivers will continue to communicate with 16-bit transmitters. Therefore, if you have a 16-bit receiver that needs to be replaced, you can order a new 24-bit receiver and it will communicate with existing 16-bit transmitters.*

Affected MODELS:

All cranes using Omnex FM receivers (See table 1 on page 2 for more information)

SOLUTION:

When replacing a 16-bit transmitter please following the steps outlined below:

Step 1	Does the transmitter have a trigger? <ul style="list-style-type: none"> ▪ If Yes, proceed to Step 2 ▪ If No, proceed to step 5 	Step 5	Is the date code 9/14 or later? (Reference Picture 1) <ul style="list-style-type: none"> ▪ If Yes, proceed to step 6 ▪ If No, proceed to step 7
Step 2	Is the date code 9/14 or later? (Reference picture 1) <ul style="list-style-type: none"> ▪ If Yes, proceed to step 3 ▪ If No, proceed to step 4 	Step 6	Order 24 bit non-proportional transmitter <ul style="list-style-type: none"> ▪ Part # 460 157 000
Step 3	Order 24 bit proportional transmitter <ul style="list-style-type: none"> ▪ Part # 460 156 000 	Step 7	Order 24 bit non-proportional kit <ul style="list-style-type: none"> ▪ Part # 460 157 100
Step 4	If the date code is earlier than 9/14 please reference table 1. <ul style="list-style-type: none"> ▪ Find the SN range of crane in question ▪ Order replacement kit based on SN range 		

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Picture 1 – Date Code Location

Crane Model	Crane Starting Serial Number	Crane Ending Serial Number	Auto Crane Replacement KIT P/N
3203H	All		460156011
5005H	5005H-12-05-181	5005H-08-06-095	460156013
	5005H-08-06-101	5005H-10-06-129	
	5005H-08-06-096	5005H-08-06-100	460156014
	5005H-10-06-130	CURRENT	
6406H	6406H-12-05-345	6406H-10-08-331	460156015
	6406H-10-08-332	CURRENT	460156010
8406H	All		460156016
10006H	10006H-12-05-208	10006H-01-08-006	460156017
	10006H-01-08-007	CURRENT	460156018
14005H	All		460156019

Table 1 – Crane Serial Number Table

- Kits include:
 - ✓ (1) 24-bit transmitter (either proportional or non-proportional based on unit being replaced)
 - ✓ (1) 24-bit receiver (either proportional or non-proportional based on unit being replaced)
 - ✓ The transmitter and receiver will be synced in Tulsa prior to shipping

*** Auto Crane no longer supports the refurbished receiver exchange program. We have adjusted our kit pricing to make the upgrade more favorable to the customer.**

****Please contact our customer service group at +1 (918) 438-2760 if you have questions.**

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