

25



Bed up no alarm
until shifter is in
fore ward
alarm only

14 January 2010

Rio Tinto Minerals – Boron Operations
14486 Borax Road
Boron, CA 93516-2000

Attn: Dennis Somerder

Re: Bed Up Alarm Kit

Dear Dennis:

Enclosed please find the Bed Up Alarm Kit drawing covering operation, installation, and electrical schematic. A second drawing shows the component part numbers required for installation. When ordering, use the K-87057A part number and all components will be included.

Please contact me with any questions.

Warm regards,

A handwritten signature in blue ink that reads "Jim Murphy".

Jim Murphy

Electrical Engineer
T +1.903.337.4124
F +1.903.337.4140
E jim.murphy@terex.com

EN. NO. 97372

REL. DATE

DATE REVISION
MURPHY

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K-87057

K-87057 BED UP ALARM OPTION KIT

OPERATION

DUMP BODY INDICATOR, DBU IND, COMES ON WHENEVER THE DUMP BODY IS UP, INDEPENDENT OF THE SSW (F-N-R) SWITCH POSITION.

THE DUMP BODY UP ALARM COMES ON WHEN THE DUMP BODY IS UP AND SSW IS IN EITHER F OR R, NOT IN NEUTRAL.

THE PUSH TO TEST SWITCH, PTT SW, WILL LIGHT THE DUMP BODY UP INDICATOR AND SOUND THE ALARM.

K-87057 INSTALLATION INSTRUCTIONS

REFER TO SHEET 2 FOR CONNECTION DIAGRAM.

REFER TO SHEET 3 FOR ELECTRICAL SCHEMATIC.

1. TRUCK MUST BE PARKED AND SECURED WITH ALL ELECTRICAL POWER OFF AND LOCKED OUT PER MINE SAFETY POLICY.
2. INSTALL HARNESS, ITEM 1, FROM SSW, F-N-R SWITCH, IN THE CENTER CONSOLE UP TO THE HI DP PANEL AND TB14 IN THE DASH. REFER TO ORIGINAL CAB HARNESS INSTALLATION 85103C AND ORIGINAL CAB HARNESS DRAWING 84205E.
3. IN THE CENTER CONSOLE CONNECT WIRES BUA4 THROUGH BUA7 TO THE SSW.
4. INSTALL ONE DIODE BETWEEN SSW-4 AND SSW-8 AS SHOWN.
5. REMOVE WIRES 81W2 AND 81W3 FROM THE HI DP PANEL.
6. BUTT SPLICE 81W2 TO HARNESS WIRE BUA1.
7. BUTT SPLICE 81W3 TO HARNESS WIRES BUA2 AND BUA3.
8. CONNECT HARNESS WIRE BUA4 TO HI DP 3. YOU MAY ALTERNATELY USE HI DP 4 OR 7. USE WHICHEVER INPUT DOES NOT HAVE THE ALARM DIODE CUT OR REMOVED.
9. CONNECT HARNESS WIRES BUA1 TO TB14L AND BUA2 TO TB14M AND INSTALL THE DIODE AS SHOWN ON SHEET 2.
10. CHECK CONNECTIONS.
11. TURN ON 24 VOLT POWER AND CHECK BED UP ALARM OPERATION.



K-87057

SHEET 1 OF 3

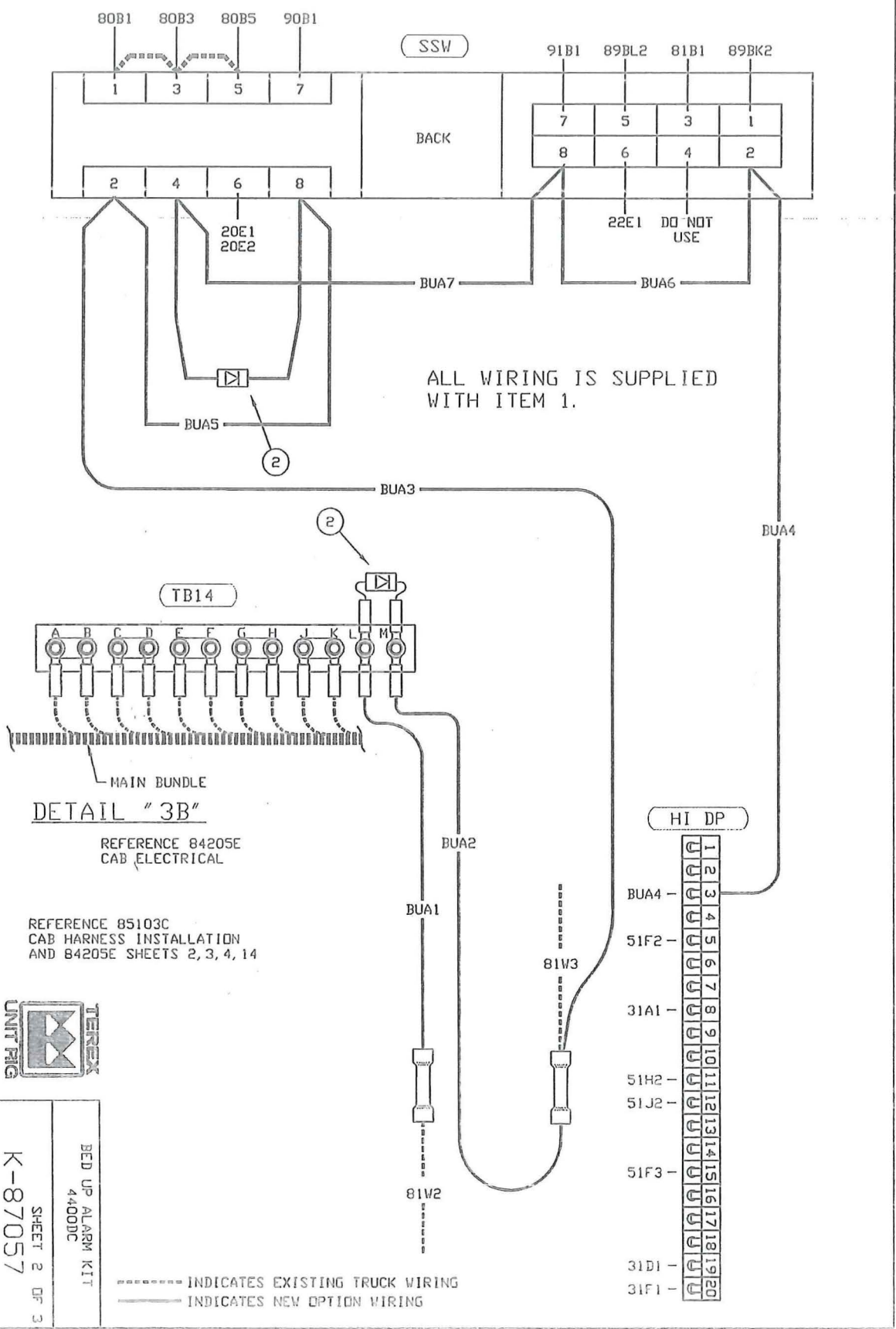
BED UP ALARM KIT
44000C

97372
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K-87057



TEREX
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BED UP ALARM KIT
4400DC

K-87057
SHEET 2 OF 3

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K-87057A

ITM	QTY	UM	COMPONENT	DESCRIPTION
1	1		84274AA	HARNESS ASSY, BED UP ALARM
2	2		1102852	DIODE ASSEMBLY
3	1		K-87057	BED UP ALARM KIT, DVG ONLY



BED UP ALARM KIT
4400DC
SHEET OF 1
K-87057A