

PARTS & SERVICE NEWS

REF NO.	AA02166
DATE	July 22, 2002

SUBJECT: AIR CONDITIONER COMPRESSOR BELT GUARD

PURPOSE: To inform the field of three new air conditioner belt guard kits.

APPLICATION: Komatsu Electric Drive Dump Trucks:
 730E: AFE47-V and up, A30079 and up;
 Equipped with DDC/MTU 4000 or Cummins K2000 or Komatsu SSA16V Engine
 830E: AFE32-A and up, A30544 and up;
 Equipped with DDC/MTU 4000 or Cummins QSK-60 or Komatsu SSDA16V160 Engine
 930E: AFE48-A and up, A30012 and up;
 Equipped with DDC/MTU 4000 or Cummins QSK-60 or Komatsu SSDA16V160 Engine

FAILURE CODE: 8700Z9

DESCRIPTION: Air Conditioner Belt Guard Kits (XK0029, XK0035, XK0145)

Some trucks in the field may experience problems with the air conditioner belt guard. Three kits have been developed to provide an improved air conditioner belt guard. Refer to the table below in order to determine the applicable kit.

Kit Number	Truck Applications
XK0029	All 830E and 930E Komatsu Dump Trucks with Cummins QSK-60 or Komatsu SSDA16V160 Engines
XK0035	All 730E, 830E and 930E Komatsu Dump Trucks with DDC/MTU 4000 Engines
XK0145	All 730E Komatsu Dump Trucks with Cummins K2000 or Komatsu SSA16V Engines

The three kits are shown on the following pages. Installation instructions are included on each installation drawing.

Air Conditioner Belt Guard Kit (XK0029)

Item Number	Part Number	Description	Quantity
	EJ7827	A/C Belt Guard, Drawing	1
1	EJ7835	A/C Guard	1
2	EJ7831	Support Structure Guard Upper	1
3	EJ7834	Support Structure Guard Lower	1
4	PC1119	Rubber Washer	8
5	C1547	Flat Washer 0.375 Plain	4
6	C1604	Cap Screw 0.375-16 x 1.50	4
7	MM0460	Flat Washer M8	2
8	MM0470	Lock Washer M8	2
9	MM0593	Cap Screw M8 x 1.25 x 20	2

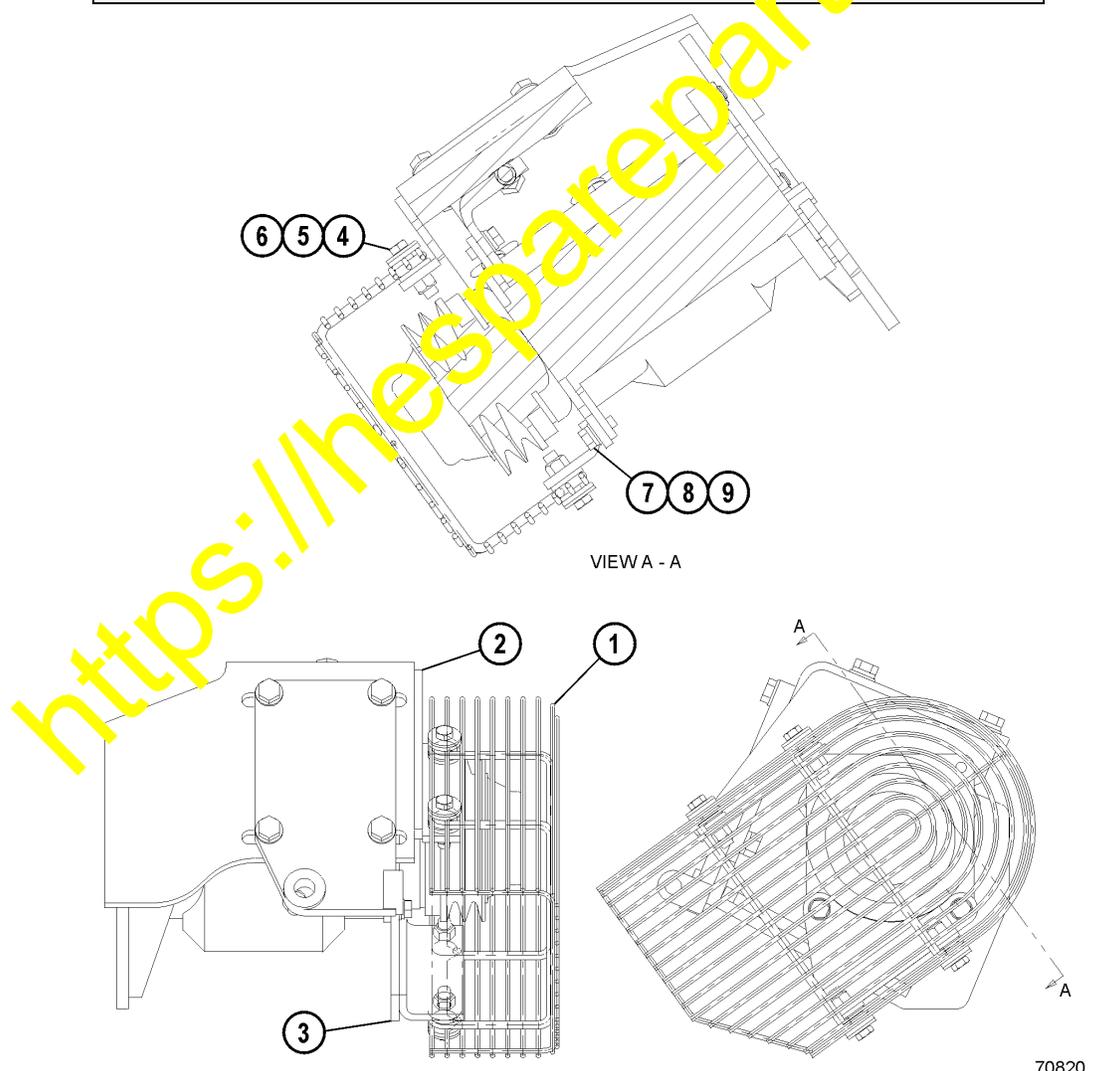


FIGURE 1. AIR CONDITIONER BELT GUARD KIT (XK0029)

70820

Air Conditioner Belt Guard Kit (XK0035)

Item Number	Part Number	Description	Quantity
	EJ7843	A/C Belt Guard, Drawing	1
1	EJ7835	A/C Guard	1
2	EJ7846	Angle Structure Top	1
3	EJ7847	Angle Structure Bottom	1
4	PC1119	Rubber Washer	8
5	C1547	Flat Washer 0.375 Plain	4
6	C1604	Cap Screw 0.375-16 x 1.50	4

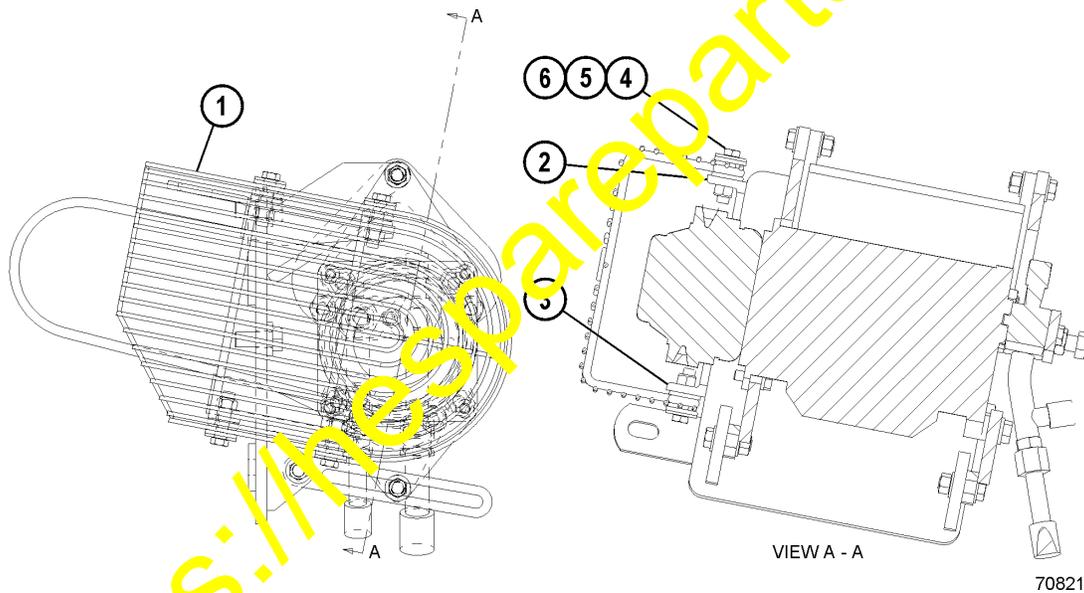
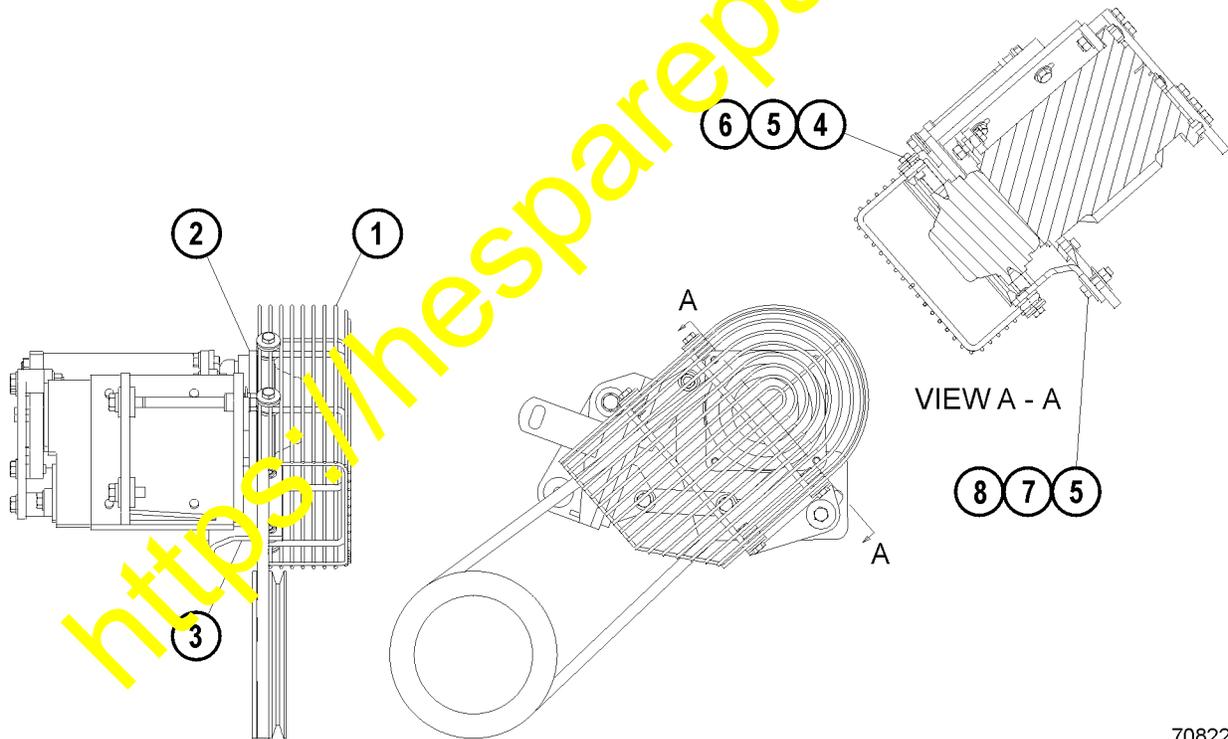


FIGURE 2. AIR CONDITIONER BELT GUARD KIT (XK0035)

Air Conditioner Belt Guard Kit (XK0145)

Item Number	Part Number	Description	Quantity
	EK2837	A/C Belt Guard, Drawing	1
1	EJ7835	A/C Guard	1
2	EK2838	Upper Guard Structure	1
3	EK2847	Lower Guard Structure	1
4	PC1119	Rubber Washer	8
5	C1547	Flat Washer 0.375 Plain	6
6	C1602	Cap Screw 0.375-16 x 1.00	4
7	C1603	Cap Screw 0.375-16 x 1.25	1
8	C1521	Nut 0.375-16	1



70822

FIGURE 3. AIR CONDITIONER BELT GUARD KIT (XK0145)