

THE FOLLOWING ARE THE WIRE HARNESSES REQUIRED FOR BD80 DOZERS  
FITTED WITH PV380 R2 DISPLAY, ELECTRICAL HOUR METER AND STEEL  
CABIN.

SL NO	DRAWING NO.	PART NAME	QTY
01	1955AAF0232C	WIRE HARNESS, PANEL	1
02	1955AAF0233A	WIRE HARNESS, FRONT GUARD	1
03	1955AAF0234H	WIRE HARNESS, ENGINE	1
04	1955AAF0238J	WIRE HARNESS, HOURMETER	1
05	1955AAF0236D	WIRE HARNESS, REAR	1
06	1955AAKK0252J	WIRE HARNESS, KEY SWITCH	1
07	1955AAKK0254E	WIRE HARNESS, RELAY	1
08	1955AAKK0255C	WIRE HARNESS, BATTERY RELAY	1
09	1955AAKK0256A	WIRE HARNESS, BACK-UP SWITCH	1
10	1955AAKK0259D	WIRE HARNESS, BACK-UP ALARM	1
11	1955AAF0235F	WIRE HARNESS, 4ST RELAY	1
12	1955AAKK0262F	WIRE HARNESS, EWT SENSOR	1
13	CEW03 02105	CABLE ASSY, ALTERNATOR GROUND	1
14	CEW03 41417	CABLE ASSY, BAT RELAY	1
15	CEW03 41527	CABLE ASSY, MOTOR +VE	1
16	CEW03 42603	CABLE ASSY, BRIDGE	1
17	CEW03 42617	CABLE ASSY, EARTH	1
18	CEW03 42737	CABLE ASSY, STARTER GROUND	1

MACHINING DEVIATIONS FOR LINEAR DIMENSIONS										THE REST	—
ABOVE UP TO AND INCLUDING	6	30	120	315	1000	2000	4000				
VALUE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3			

GENERAL NOTES:

- USE AV, AVS OR AVSS CABLES CONFORMING TO STANDARDS JASO D611 OR JIS C3406 FOR MANUFACTURE OF WIRE HARNESS.
- USE SUITABLE CONNECTOR PINS FOR CRIMPING DIFFERENT SIZES OF CABLES AND UNUSED PIN SLOTS SHALL BE SEALED WITH CAVITY PLUGS.
- PROVIDE SUITABLE WEDGE LOCKS TO DEUTSCH CONNECTORS WHEREVER IT IS USED.
- REFER DS1086-C FOR SYMBOLIC REPRESENTATION AND IDENTIFICATION OF DIMENSIONS.
- WIRE HARNESS SHALL BE MANUFACTURED AS PER BEML STD.PR1030-C.
- WIRE HARNESS SHALL BE TESTED AS PER BEML STD. IP1053000-C.
- DIMENSIONAL TOLERANCES SHALL BE AS PER KES 04-281.1
- ALL JUNCTIONS, CONDUIT ENDS SHALL BE TAPED WITH PVC INSULATION TAPE AS PER KES D08024 AND COVERED WITH HEAT SHRINK TUBE.
- ITEMS MARKED AS SPARE IN INDIVIDUAL DRAWINGS SHALL BE PACKED TOGETHER AND DISPATCHED WITH THE WIRE HARNESS KIT.

NEXT ASSY. --											
					PRODUCT			DOZER		DESIGN REF. —	
					USED ON	QTY	MATL:	REFER DRG			
					BD80	01	H.T.	--			
							S.T.	--			
11600856	AMEND NO.	SIGNATURE			DATE						
DRA/ECN	NAME										
APPROVED	NAVEEN										
REVIEWED	SURYA										
CHECKED	R.K.HEGDE										
DRAWN	GANESH										
STDs.	NAVEEN										
					BEML LIMITED			DRG. NO.			
					K G F			EM Dn		1955AAF013F	
											