



Schematic

D250B & D300B Articulated Trucks Electrical System

5WD1-UP
4SD1-UP

HARNES	PART NO.	DESCRIPTION	HARNES	PART NO.	DESCRIPTION
A	6U2996	ELECTRONIC HEIGHT SENSOR UNIT	O	6U8193	HARNES - SUSPENSION SOLENOIDS
B	6U2021	STARTER MOTOR CABLE (POSITIVE)	P	6U8152	HARNES-4
C	6U2022	STARTER MOTOR CABLE (NEGATIVE)	Q	6U8347	FOOTSWITCH HARNES
D	4U4183	BATTERY LINK CABLE	R	6U9126	SUB-HARNES 1
E	6U8199	BATTERY CABLE NEGATIVE	S	6U8127	SUB-HARNES 2
F	6U8200	BATTERY CABLE POSITIVE SWITCH	T	6U8128	SUB-HARNES 3
G	6U8250	HARNES 2 - MAIN R.H.	U	6U8133	HARNES - MAIN REAR CHASSIS
H	6U8129	HARNES 1 - MAIN L.H.	V	6U8135	HARNES - PADWEAR L.H./R.H.
J	6U8131	HARNES - MAIN REAR	W	6U8182	HARNES - PADWEAR R.H. (D300B ONLY)
K	6U8197	HARNES - FLOW SWITCHES	X	6U8122	HARNES - REAR LAMPS R.H.
L	6U8195	HARNES - FROCKE	Y	6U8121	HARNES - REVERSE ALARM/LIGHT
M	6U8198	HARNES - DIFF LOCK	Z	6U8123	HARNES - REAR LAMPS L.H.
N	6U8119	HARNES - SWITCH			

NOTE	DESCRIPTION
NOTE A:	FUEL SWITCH N/C WITH EMPTY TANK.
NOTE B:	N/O SWITCH HELD OPEN WITH PISTON.
NOTE C:	N/C SWITCH - WARNING LAMP ON WHEN TRANSMISSION OUT OF LOCK-UP.
NOTE D:	N/C/FLOAT SWITCH HELD OPEN CIRCUIT AT NORMAL HYDRAULIC OIL LEVEL. NOT FITTED TO LATER MACHINES.
NOTE E:	N/O FLOW SWITCH HELD OPEN CIRCUIT WITH HYDRAULIC OIL FLOW.
NOTE F:	N/C SWITCH - SWITCH DEACTIVATED WHEN DIFF LOCK ENGAGED. LATER MACHINES FITTED WITH 3T3133 SWITCH OPTIONAL WIRING.
NOTE G:	NORMALLY CLOSED WITH DOOR OPEN.
NOTE J:	SPARE WIRING.

SYMBOL	DESCRIPTION
○	BLADE, SPADE, RING OR SCREW TERMINAL
●	CIRCUIT CONNECTED
⊕	CIRCUIT NOT CONNECTED
⊥	ELECTRICAL CONNECTION TO VEHICLE STRUCTURE
⊥	INTERNAL ELECTRICAL CONNECTION TO SURFACE OF COMPONENT
←	CONNECTOR

ABBREV	COLOUR	ABBREV	COLOUR	CONNECTORS
RD	RED	PU	PURPLE	AA - 2U4554
WH	WHITE	BR	BROWN	BB - 2U4555
OR	ORANGE	GN	GREEN	CC - 2U4552
YL	YELLOW	BU	BLUE	DD - 2U4553
PK	PINK	LT	LIGHT	
BK	BLACK	DK	DARK	
GY	GREY			

COMPONENTS ARE SHOWN INSTALLED ON A FULLY OPERABLE MACHINE WITH KEY AND ENGINE OFF.

UNLESS OTHERWISE SPECIFIED ALL WIRE TO BE 14 / 030 (17 GAGE)

