

# ELECTRICAL LAYOUT FOR 2 SPEED DRIVES USED ON SKID STEER LOADERS FITTED WITH SERVICE PLUG



**ALL PURCHASED 2-SPEED DRIVES INCLUDE**

- 3m (10ft) harness from drive unit with 2 pin Deutsch plug (DM-000021)

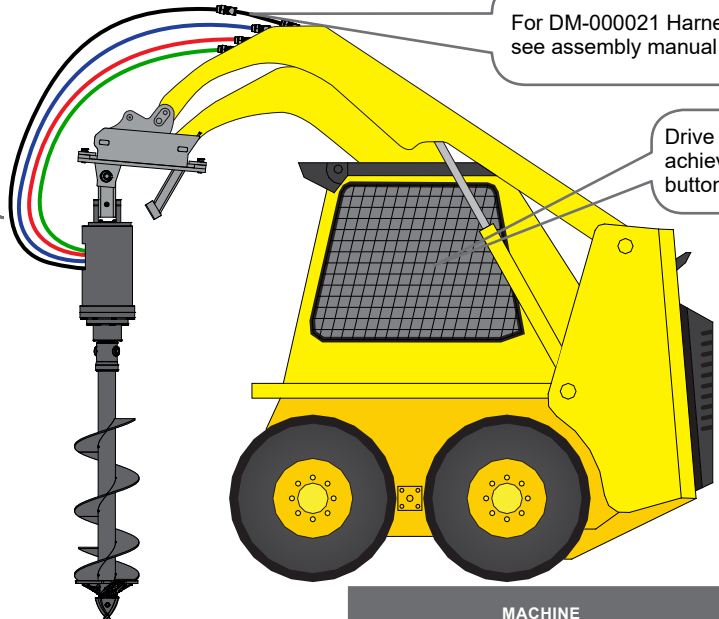
**You will need to order an additional harness to fit your machine service plug. See table bottom right of page.**

**HYDRAULIC LINES FOR 2 SPEED DRIVES.**

- -Hydraulic Supply
- -Return
- -Electrical Harness
- -Case Drain\*  
(Back to Hydraulic Reservoir)

**NOTE**

WHEN USING A 2 SPEED DRIVE WHICH IS POWERED BY AN EATON VIS HYDRAULIC MOTOR, THE CASE DRAIN HOSE MUST BE CONNECTED.



For DM-000021 Harness conversion to 14 Pin Plug, see assembly manual part No. PM-000093

Drive unit speed selection achieved by using appropriate buttons on the machine joystick.

**OPTIONAL ADAPTOR HARNESS**

**DM-000032 INCLUDES**

- 2 PIN TO 8 PIN Adaptor WHICH CONNECTS DIRECTLY INTO SUPPLIED HARNESS (DM-000021)

**OPTIONAL ADAPTOR HARNESS KIT**

**EC-000241 INCLUDES**

- 2-PIN TO 14-PIN Adaptor HARNESS
- ELECTRONIC CIRCUIT TESTER
- INSTRUCTIONS HOW TO CONNECT THE 14-PIN PLUG TO THE ADAPTOR HARNESS.

MACHINE	ADAPTOR HARNESS REQUIRED (FOR 8-PIN ON MACHINE)	ADAPTOR HARNESS KIT REQUIRED (TO CONVERT TO 14-PIN PLUG FOR MACHINE)
ASV	DM-000032 (optional)	N/A
Bobcat (USING 14 PIN)	N/A	EC-000241 (optional)
Bobcat (USING 7 PIN)	Please contact Bobcat <b>OR</b> purchase Plug and Go Kit to bypass service plug (DM-000034)	
CASE (Pre 09/01/01)	DM-000032 (optional)	N/A
CASE (Post 09/01/01)	N/A	EC-000241 (optional)
CASE (400 series)	N/A	EC-000241 (optional)
CAT (pre 2014)	DM-000032 (optional)	N/A
CAT (D-series)	N/A	EC-000241 (optional)
GEHL	N/A	EC-000241 (optional)
JCB	N/A	EC-000241 (optional)
John Deere "EH"	N/A	EC-000241 (optional)
Komatsu	DM-000032 (optional)	N/A
Kubota	N/A	EC-000241 (optional)
Mustang	N/A	EC-000241 (optional)
New Holland	N/A	EC-00024 (optional)
Takeuchi	N/A	EC-000241 (optional)
Terex	DM-000032 (optional)	N/A
Volvo	N/A	EC-000241 (optional)

**SERVICE PLUG INFORMATION**

A SERVICE PLUG IS AN ELECTRICAL PLUG ON THE FRONT OF SOME SKID STEER LOADERS WHICH IS USED TO ENABLE THE ELECTRICAL FUNCTIONS OF AN ATTACHMENT TO BE CONTROLLED VIA THE MACHINES JOYSTICKS.

THE PLUG CAN COME IN 7, 8 OR A 14 PIN CONFIGURATION DEPENDING ON THE BRAND OF MACHINE. THE TABLE TO THE RIGHT SHOWS WHICH CONVERSION KIT IS REQUIRED FOR WHICH MACHINE.

AS MACHINE MANUFACTURERS SET UP THEIR PINS DIFFERENTLY AND OPERATORS HAVE THEIR OWN PREFERENCES ON HOW THEY LIKE THEIR JOYSTICKS TO WORK DIGGA DOES NOT PRE-WIRE THE PLUGS. THE CUSTOMER WILL NEED TO DO THIS. THE PROCESS IS RELATIVELY SIMPLE AS WE SUPPLY THE PARTS AND INSTRUCTIONS ON HOW TO COMPLETE.



**2 SPEED ELECTRICAL LAYOUT FOR PD DRIVE UNITS**