

# John Deere 7180, 7280, 7380, 7480, 7580, 7780, 7980 Forage Harvesters Diagnostic Service Manual (TM404319)

**524K-II 4WD Loader  
Repair**

(PIN: 1DW524K\_\_  
\_F677549—)



JOHN HARE



COLLECTION

**REPAIR TECHNICAL MANUAL**

**524K-II 4WD Loader (PIN: 1DW524K\_\_ \_F677549—)**

TM14140X19 01DEC18 (ENGLISH)

For complete service information also see:

TeamMate™ IV 1200 Series Inboard Planetary Axles ..... ctm140119  
524K-II 4WD LOADER Operators Manual ..... omt387130x19  
524K-II 4WD Loader Operation and Test ..... TM14138X19  
Hydraulic Cylinders ..... tm120519  
PowerTech 6068 OEM Diesel Engine (IV platform) Level 33 ECU.....



Worldwide Construction and  
Forestry Division

**Covers:** 7580,7780,7280,7380,7480,7180,7980

**Type:** Service Manual

**Language:** English

**Pages:** 2869

**Format:** PDF

**Features:** Bookmarked, searchable, printable

**Compatibility:** Windows/Mac/Tablet/Mobile

This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere 7180, 7280, 7380, 7480, 7580, 7780, 7980 Forage Harvesters Diagnostic Service Manual (TM404319)**

In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

**Contents:**

- General Information
- Specifications
- Serial Number Location
- Engine Specifications
- Engine Diagnostics
- Engine Tests and Adjustments
- Engine Repair
- Power Train
- Transmission
- Axles
- Differential
- PTO
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- Electrical System
- Electrical Tests and Diagnostics
- Wiring Diagram / Schematic
- Ignition and Charging
- Steering
- Brakes
- Wheels
- Operator's Platform
- Body Panels
- Disassembly and Assembly
- Diagnostics, Tests and Adjustments
- Troubleshooting
- and much more...

Please note this manual is in **downloadable PDF format only**. If you have any questions about this product or would like to request sample pages, please contact us and reference the product name or SKU.

# JLink™ Modular Telematics Gateway (MTG) Harness (W6002) Wiring Diagram—If Equipped

END #1	NUMBER	COLOR	END #2
X5000	G70	BLK	X63
X6014	G70A	BLK	X5000
X6016	G70B	BLK	X5000
X6014	G71D	BLK	X63
X63	M12AA	YEL	X6014
X63	M13AA	LT GRN	X6014
X63	M17L	YEL	X6014
X6014	M18L	LT GRN	X63
X6014	M70	PUR	X6020
X6014	M71	PUR	X6021
X6014	M72	PUR	X6022
X6014	M73	PUR	X6023
X6016	M74B	PUR	X6014
X6016	M74A	PUR	X6014
X6014	M76A	PUR	X6016
X5001	P70	RED	X63
X6014	P70A	RED	X5001
X6016	P70B	RED	X5001
X63	P71	RED	X6014
X63	R13AA	BLK	SHLD
X63	R40L	BLK	SHLD

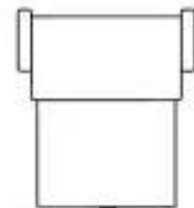
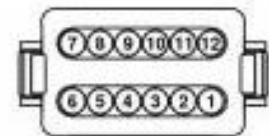
X6016

1	G70B
2	P70B
3	M74B
4	M76A
5	M75A
6	—



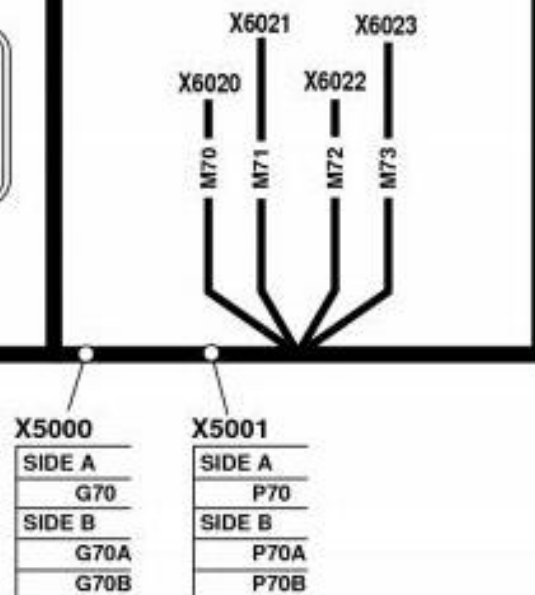
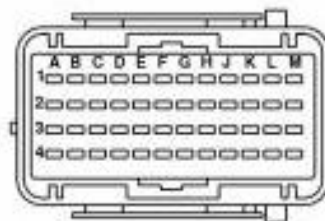
X63

1	P70
2	P71
3	G70
4	M12AA
5	M13AA
6	R12AA
7	—
8	M17L
9	M18L
10	R40L
11	G71D
12	—



X6014 (A6000)

A1	M76A	G1	M17L
A2	M75A	G2	M18L
A3	—	G3	—
A4	—	G4	M73
B1	—	H1	M12AA
B2	—	H2	M13AA
B3	—	H3	—
B4	—	H4	M72
C1	—	J1	—
C2	—	J2	—
C3	—	J3	—
C4	—	J4	M71
D1	—	K1	—
D2	—	K2	—
D3	—	K3	—
D4	—	K4	M70
E1	—	L1	P71
E2	—	L2	—
E3	—	L3	—
E4	—	L4	—
F1	—	M1	G70A
F2	—	M2	P70A
F3	G71D	M3	M74B
F4	—	M4	—



TX1086381

JLink™ Modular Telematics Gateway (MTG) Harness (W6002) Wiring Diagram

**LEGEND:**

X63 JLink™ 12-Pin Connector



Thank you very much  
for your reading.  
Please click here  
to get more information.