772G/772GP Motor Grader

TX1052964A A.1

772G/772GP Motor Grader (634754–)

(Manufactured 2011– 2013)

(Engine 6090HDW04, 6090HDW01)

(Specifications and design subject to change without notice)

To the Customer

The part numbers in this parts catalog were correct at the time your catalog was published. It is our policy to constantly improve our machines, and therefore, part numbers may change. When ordering parts, verify part numbers through your dealer.

SI Units of Measure

Metric dimensions are given, where applicable, throughout this parts catalog.

Bolt and Cap Screw Strength Identification

Bolts and cap screws required to have high-strength qualities equivalent to SAE grade 8 are identified throughout this catalog by the description HS SAE 8 (10.9 for metric). All standard bolts and cap screws are SAE grade 5 (metric 8.8) or lower.

Serial Number Listing Information

Serial number information is listed to show on which machines each part can be used; for example:

	–		The part can be used on all products.
000000	–		The part can be used on products beginning with the serial number listed.
	–	000000	The part can be used on products up to and including the serial number listed.
000000	–	000000	The part can be used on products between and including the serial number listed.

When XXXXXX's are listed in place of a serial number, a serial number change was made, but the exact serial number was not available when the catalog was produced.

If product identification numbers or serial numbers are required for warranty claims or correspondence pertaining to this product, it is extremely important that all characters be furnished. This point cannot be overemphasized.

Direction Arrow

Arrows are used with illustrations to indicate the front of the unit. “Right-Hand” and “Left-Hand” sides are determined by facing in direction of machine forward travel.

Exception: For all backhoe parts, “Right-Hand” and “Left-Hand” sides, “Front” and “Rear” are determined when seated for backhoe operation.

Box-enclosed Illustrations

A key number, shown in the parts list, is assigned to a box enclosing all parts sold as a service assembly. A box not keyed includes non-current parts.

Complete Goods Listings

Complete Goods are listed in bold face type. Order separately. Do not include on replacement part order.

Orientation of Engine

“Right Hand” and “Left Hand” sides are determined by standing at the flywheel and facing the engine.

John Deere Reman Components

The service parts listed in this catalog are intended for the repair of original equipment components. Although most service parts may be used to repair remanufactured components, the remanufacturing process may change parts sufficiently so that service parts are inadequate or not usable.

Serial Number Location

Each 772G Motor Grader may have eight serial number plates: One for the product identification number, one for the engine, one for the transmission, one for the hydraulic pump, one for the front wheel drive pump, one for the differential and one each for the front wheel drive motors.

The product identification number plate is located below the operators's platform on the left-hand side of the main frame. This is the serial number used in this catalog unless otherwise noted in the serial number column.

The engine serial number plate is located on the left-hand side on the cylinder block above the starting motor.

The transmission serial number plate is located on the lower left of the transmission housing.

The hydraulic pump serial number plate is located on the bottom of the pump.

The hydraulic front wheel drive pump is located on the right rear of the transmission and the serial number plate is located on the bottom of the pump.

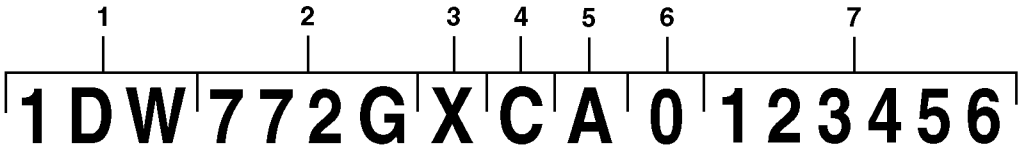
The hydraulic front wheel drive (HFWD) motor serial number plate is located on the inside rear of each right and left HFWD motor housings.

The differential serial number plate is located on the cover, right lower, below the drive shaft input.

Note: In the transmission section, transmission serial number information is provided as follows: (1) When asterisks (******) are listed in place of a serial number, a serial number change was made and the number can be found in the remarks column in the publication. (2) When X's (XXXXXX) are listed in place of a serial number, a serial number was not available at time of publication.

Product Identification Number

TX1080553 B.1



TX1080553

Key	Indicates	First Line	Designates
1	World Code	1DW	Manufacturer — John Deere Davenport Works
2	Model Identifier	772G	Model
3	Machine Option Code	X	ConfigurationX: Standard ControlsP: Grade Pro Controls
4	Check Letter	C	Factory Use Only
5	Year Manufactured Code	A	Year Manufactured Code
6	Engine Emissions Code	0	Emissions LevelC: Stage IID: Tier 3 / Stage III AE: Interim Tier 4 / Stage III B
7	Machine Serial Number	123456	Serial Number (Example)

Engine Emissions Level Identification

Engine Model Number	17 Digit PIN (11th digit)	Emissions Level
6090HDW01	xxxxxxxxxxDxxxxxx	Tier 3 / Stage III A
6090HDW04	xxxxxxxxxxCxxxxxx	Stage II

Engine Serial Number Plate

RGP11387 B.1

RGP11387

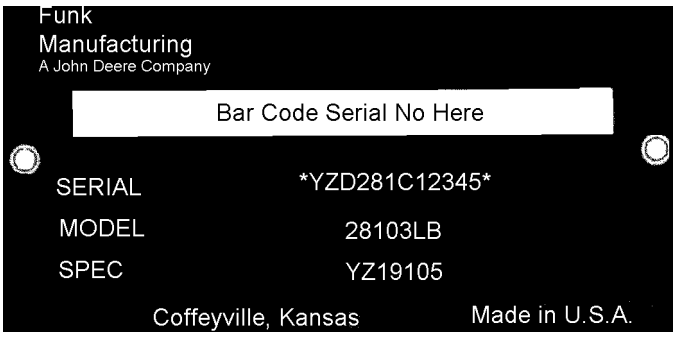
Engine Serial Number is Defined by 13 Characters	
First Line	Designates
1 — Two letters for engine factory designation	RG: Waterloo, USA
2 — One digit for number of cylinders.	6 Cylinder
3 — Three digits for displacement in liters	090: nine liter
4 — One letter for aspiration type or emission level	D= Naturally Aspirated T= Turbocharged H= Turbocharged with air-to-air aftercooler A= Turbocharged with air-to-air aftercool-erB= Non-CertifiedC= Tier1/Stage I emission levelG= Tier 2/ Stage II emission levelL= Tier 3/Stage IIIA emission level R= In-terim Tier 4/Stage IIIB emission level
5 — Six digits	123456= Engine build sequence number. Sequence numbers start at 000001
Engine Type is Defined by 9 Alpha-Numerical Characters	
6 — Four digits	Same as items 2 and 3 above
7 — One letter for aspiration type	Same as item 4 above
8 — One or two letters for user	F= OEM, FM=Marine
9 — Two or three digits for version	485

Engine Emissions Level Identification

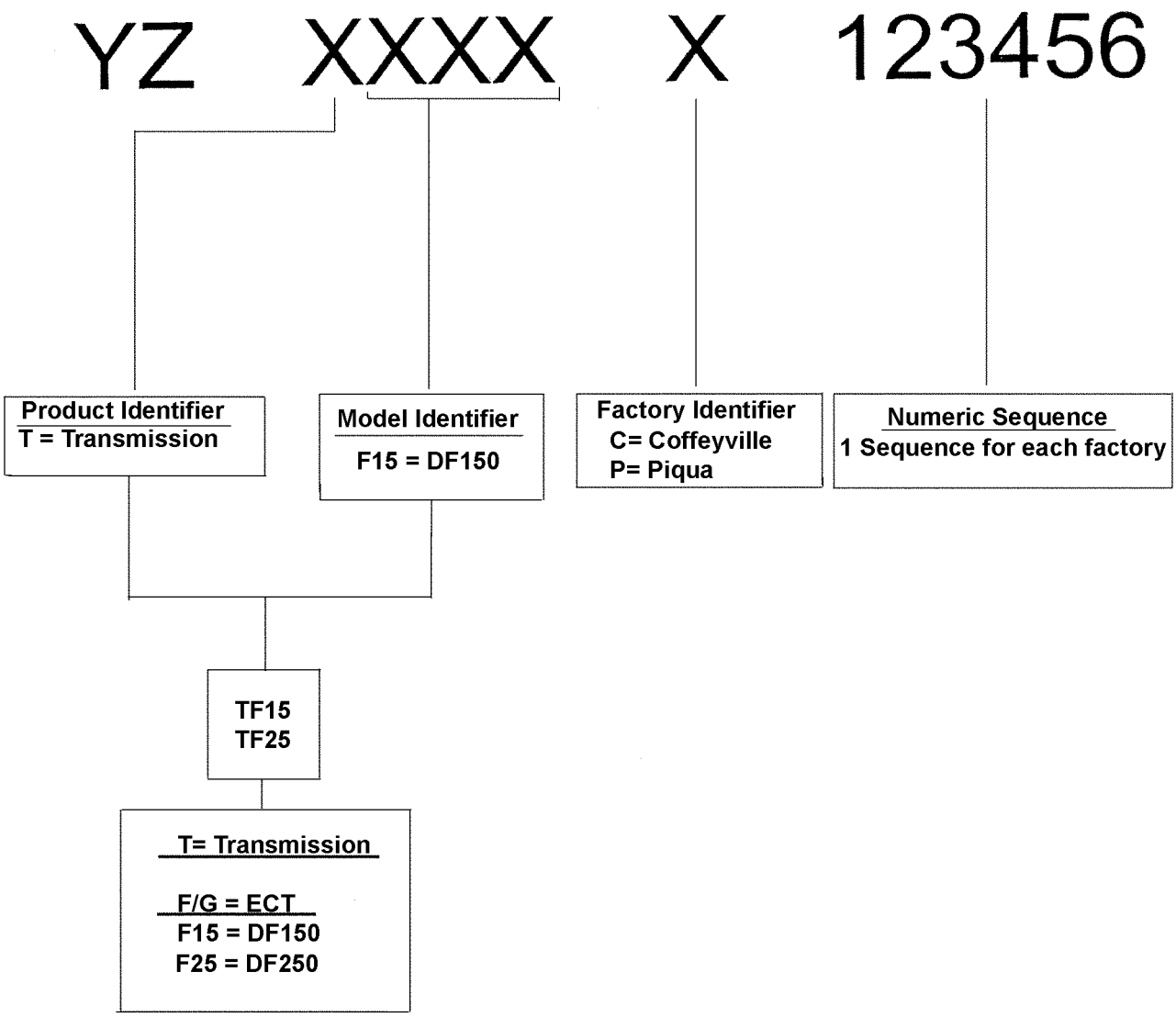
Engine Model Number	17 Digit PIN (11th digit)	Emissions Level
6090HDW01	xxxxxxxxxxDxxxxxx	Tier 3 / Stage III A
6090HDW04	xxxxxxxxxxCxxxxxx	Stage II

Transmission Serial Number Plate

SERIALNUMBERTAG A.1



YZTAGS2 A.1



YZTAGS2

MODEL IDENTIFIER
TF18 = DF180
TF23 = DF230

TF50=DF500

John Deere 1400 Series TeamMate IV Axle Order Codes To Building Blocks
BASE MACHINE NUMBER = 2515P

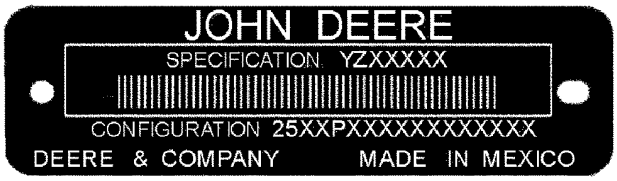
A. PRIMARY INPUT ROTATION & AXLE TRAVEL	=A1 - CW -TOWARD INPUT - 1111
	=A2 - CW - AWAY FROM INPUT - 1112
	=A3 - CCW - TOWARD INPUT - 1113
	=A4 - CCW - AWAY FROM INPUT - 1114
B. SPIRAL BEVEL REDUCTION	=B1 - - 1201
	=B2 - 4.778:1 SPIRAL BEVEL SET - 1202
	=B3 - 5.143:1 SPIRAL BEVEL SET - 1203
	=B4 - 5.143:1 SPIRAL BEVEL SET PREMIUM MATERIAL - 1204
	=B1 - 4.364:1 SPIRAL BEVEL SET - 1211
	=B2 - 4.778:1 SPIRAL BEVEL SET - 1212
	=B3 - 5.143:1 SPIRAL BEVEL SET - 1213
C. INPUT YOKE SIZE AND STYLE	=C1 - INPUT YOKE 1550 W/SLINGER - 1301
	=C2 - INPUT YOKE 1610 W/SLINGER - 1302
	=C3 - INPUT YOKE 7C - 1303
	=C4 - INPUT YOKE 8.5C - 1304
D. FLANGE TO FLANGE	=D1 - NONE(NO AXLE SHAFTS/HSGS) - 1401
	=D2 - 76.9" (1953 MM) 7/8" THREADED, NO MTG HOLES, NO DIPSTICK - 1402
	=D2 - 76.9" (1953 MM) 7/8" THREADED, W/MTG HOLES,NO DIPSTICK - 1412
	=D3 - 76.9" (1953 MM), M20 THREADED, W/MTG HOLES - 1403
	=D3 - 76.9" (1953 MM), M20 THREADED NO MTG HOLES -1413
	=D4 - 76.9" (1953 MM), 7/8" THREADED W/MTG HOLES, (81.2" (2063 IF 6.4:1 FINAL DRIVE)- 1404
	=D4 - 76.9" (1953 MM), 7/8" THREADED, NO MTG HOLES, (81.2" (2063) IF 6.4:1 FINAL DRIVE) - 1414
	=D5-SWEDA100"(2540 MM),7/8"THREADED,W/MTG HOLES,NO DIPSTICK- 1405
	=D6 - SWEDA 100"(2540 MM),7/8"THREADED,W/MTG HOLES - 1406
	=D6 -SWEDA 100" (2540 MM), 7/8"THREADED, NO MTG HOLES- 1416
	=D7 -SWEDA 100" (2540 MM), 7/8"THREADED, W/MTG HOLES (CS)- 1407
	=D7- SWEDA 100" (2540 MM),7/8"THREADED,NO MTG HOLES (CS) -1417

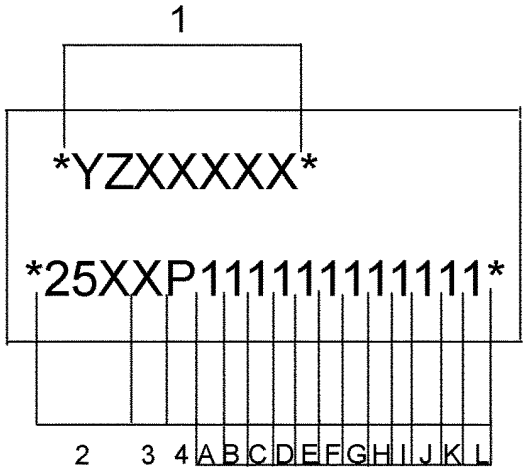
BASE MACHINE NUMBER = 2515P (Continued)

E.INPUT HSG & AUXILIARY BRAKE	=E1 - INPUT HOUSING, OSCILLATION MOUNTING, DUCTILE - 1501
	=E1 -INPUT HOUSING, OSCILLATION MOUNTING- 1511
	=E1 - INPUT HOUSING, FIXED MOUNTING - 1521
	=E2 - INPUT HOUSING, OSCILLATION MOUNTING HD - 1502
	=E2- INPUT HOUSING, FIXED MOUNTING HD - 1512
F.MOUNTING TYPE	=F1 - FIXED MOUNTING - 1601
	=F2 - OSCILLATION, CENTER PIVOT, NO THRUST WASHER - 1602
	=F3 - OSCILLATION, CENTER PIVOT, W/BRACKETS -1603
G.BRAKE TYPE	=G1 - DUAL BRAKES, USE WITH 4.800:1 FINAL DRIVE - 1701
	=G1 - DUAL BRAKES, USE WITH 6.400:1 FINAL DRIVE - 1711
	=G1 - DUAL BRAKES, USE WITH 7.640:1 FINAL DRIVE - 1721
H.DIFFERENTIAL TYPE	=H1 - STANDARD DIFFERENTIAL - 1821
	=H2 - CLOSED CIRCUIT HYDRAULIC DIFFERENTIAL LOCK - 1802
I. DIFFERENTIAL CASE	=I1 - DIFFERENTIAL CASE, GEAR ON LEFT, OSCILLATION - 1901
	=I2 - DIFFERENTIAL CASE, GEAR ON RIGHT, OSCILLATION - 1902
	=I3 - DIFFERENTIAL CASE, GEAR ON LEFT, FIXED - 1903
J.FINAL DRIVE	=J1 - NO FINAL DRIVE - 2001
	=J2 - 4.800:1 FINAL DRIVE ASSY - 2002
	=J3- 6.400:1 FINAL DRIVE HD - 2003
	=J4 - 6.400:1 FINAL DRIVE ED - 2004
	=J5 - 6.400:1 FINAL DRIVE ED SWEDA - 2005
	=J6 - 7.640:1 FINAL DRIVE - 2006
K. TRIM	=K1 - NOTHING (INTERFACTORY) - 2101
	=K2 - INDUSTRIAL YELLO PAINT - 2102
	=K3 - LOW GLOSS BLACK PAINT - 2103
L. MISC PARTS	=L1 - ID TAGE - 2201

Specification and Configuration Code Plate 1400 Series Axle

YZSN01 A.1





YZSN01

1	Specification Number — YZXXXXX
2	Master Machine Code: 251 = 1400 Series
3	Family Code: 5 = TeamMate (TM) IV Axle
4	Manufacturing Unit: P = Motores John Deere
A	Input Rotation: 1 = Clockwise; 2 = Clockwise; 3 = Counterclockwise ; 4 = Counterclockwise
B	Spiral Bevel Reduction: 1 = 4.364:1 ; 2 = 4.778:1; 3 = 5.143:1; 4 = 5.143:1 Premium Material
C	Input Yoke: 1 = 1550 w/slinger; 2 = 1610 w/ slinger; 3 = 7C; 4 = 8.5C
D	Axle Housing Flange-to-Flange Width and Wheel Mounting: 1 = None (no axle shafts and housing); 2 = 1953 mm(76.9 in); 7/8 in Threads; 3 = 1953.3 mm(76.9 in), M20 Threads; 4 = 1953.3(76.9 in), 7/8 threads (2063 mm (81.2 in) if 6.400:1 Final Drive); 5 = SWEDA 2540 mm (100 in), 7/8 in threads, Crowned Spline
E	Input Housing: 1 = Input Standard Bearing; 2 = Input Heavy Duty Bearing
F	Mounting Type: 1 = Fixed Mounting; 2 = Oscillation, Center Pivot, no thrust washer, no brackets; 3 = Oscillation, Center Pivot with brackets
G	1 = Dual Brakes
H	Differential Type: 1 = Standard; 2 = Closed Circuit Hydraulic Differential Lock (Dif-Lok)
I	Differential Case: 1 = Oscillating, Gear on Left; 2 = Oscillating, Gear on Right; 3 = Fixed Mount, Gear on Left
J	Final Drive Reduction: 1 = None (No Final Drive); 2 = 4.800:1 Standard; 3 = 6.400:1 Extreme Duty (HD); 4 = 6.400:1 Extreme Duty (ED); 5 = 6.400:1 Extreme Duty (ED SWEDA); 6 = 7.640:1
K	Trim: 1 = Nothing (no paint); 2 = Industrial Yellow Paint; 3 = Low Gloss Black Paint
L	Misc Parts: 1 = ID Tag

Trademarks

Throughout this parts catalog, you may find the following Deere and Company trademarks:

Best Bid™
CounterParts™
DEERE™ (Deere™)
Dura-Trax™
Fanggs™
Guardian™
HTH™
Jagz™
JDLink™
MARKS™
MIC™ [Machine Information Center]
MTH™
Power Curve™
Powerllel™
PowerShift Plus™
Powerwize™
POWR SAVR™
PowrShift™
ProPath™
Quad-Cool™
Quik-Tatch™
SC-2™
Side-Tracker™
Stinger™
StructureALL™
Swamper™
TMC™ [Total Machine Control]
ValueSelect™
Waratah™
Worksite Pro™
FlexBox™
Funk™
iTorque™
Phoenix™
Phoenix International™
PowerTech™
PowerTech™ E
PowerTech™ M
PowerTech™ Plus
Precision Joint™
SHIFT-O-MATIC™
SWEDA™ (Super Wide Extreme Dual Axle)
TeamMate™
TeamMate™II
TeamMate™ IV
TMII™
TMIII™

Remarks and Abbreviations

The following remarks and abbreviations may appear throughout this parts catalog. Refer to the following table for translations.

Phrase	Meaning		Phrase	Meaning
ALSO ORDER, ORD W/	Also Order		MFWD	Mechanical Front Wheel Drive
AMP	Ampere		NA, NOT USED THIS APPL	Not used in this application
APPL, APPL ONLY	This application only		NLA	No longer available
AR	As required		NSEP	Not available separately
ASSY	Complete assembly		OD	Outside diameter
BOAC	Bolt-on cutting edge		OPTIONAL	Optional
CCW	Counterclockwise		OR	Or
COMPLETE	Complete		ORD, ORDER	Order
COMPLETE GOODS	Complete goods		OS	Oversize
CONVENIENCE ASSY, CA	Convenience assembly		OUTER	Outer
CTL, CUT TO LENGTH	Cut to length		PKG, PACKG	Package, Packet of
CW	Clockwise		PTO	Power Take Off
ENGINE	Engine		RATIO	Ratio
FOR	For		REAR	Rear
FRONT	Front		REMAN	Remanufactured
GAS	Gasoline		REPL	Replaces
HFWD	Hydraulic Front-Wheel Drive		RH	Right-hand
HP	Horsepower		SN	Serial number
HS, HEAD MARKED	High Strength, head marked		STD	Standard
ID	Inside diameter		SUB	Replaced by
INCH	Inch		SUB COMPONENTS	Substitute components (of the kit or assy)
INCL KEYS	Includes keys…		SUB FOR	Substitutes for
INCL, INCLUDES	Includes…		TEETH, Z	Number of gear teeth
INCLUDES PARTS/ ITEMS MARKED	Includes parts/items marked…		TK	Thickness
INNER	Inner		UP, UPPER	Upper
KIT	Kit		US	Undersize
L	Number of links		USE UNTIL EXHAUSTED	Use until exhausted
LF, LINE FILL	Line Fill		USE WITH	Use with
LGP	Low Ground Pressure		VEC	Vehicle Electronic Controller
LGTH	Length		VLC	Vehicle Load Center
LT	Long Track		WHOLE GOODS	Whole Goods
MAKE FROM, MF	Make from		WT	Wide Tracks
MARKED	Marked		XLT	Extra Long Track
MATCHED SET	Matched set			