



















REPLACEMENT PARTS GUIDE

772G Motor Grader (PIN: 1JZ772G__C003003 - C003004)



| | |
|---|--|
|  | IN-LINE FUEL STRAINER (S.N. —685716) AT423052 Interval (hrs) - As Required. |
|  | REAR AXLE BREATHER FILTER AT101565 Interval (hrs) - 2000. |
|  | HYDRAULIC TANK BREATHER FILTER AT101565 Interval (hrs) - 2000. |
|  | FUEL TANK BREATHER H216169 Interval (hrs) - 1000. |
|  | HYDRAULIC OIL FILTER AT367840 Interval (hrs) - 2000. |
|  | 6WD HYDRAULIC OIL FILTER (IF EQUIPPED) AT367840 Interval (hrs) - 2000. |
|  | TRANSMISSION OIL FILTER AT335492 Interval (hrs) - 2000. |
|  | AXLE OIL FILTER AT335492 Interval (hrs) - 2000. |
|  | AUXILIARY FUEL FILTER ELEMENT (IF EQUIPPED) AT365869 Interval (hrs) - 500. |



| | |
|---|--|
|  | CRANKSHAFT DAMPER RE57604 Interval (hrs) - 4500. |
|  | CRANKSHAFT DAMPER RE522932 Interval (hrs) - 4500. |
|  | PRIMARY AIR FILTER ELEMENT AT175223 Interval (hrs) - As Required. |
|  | SECONDARY AIR FILTER ELEMENT AT175224 Interval (hrs) - As Required. |
|  | ENGINE OIL FILTER DZ118283 Interval (hrs) - 500. |
|  | PRIMARY AND FINAL FUEL FILTER ELEMENTS KIT RE525523 Interval (hrs) - 500. |
|  | CAB FRESH AIR FILTER AT191102 Interval (hrs) - As Required. |
|  | CAB RECIRCULATION AIR FILTER AT307501 Interval (hrs) - As Required. |
|  | ENGINE ROCKER ARM COVER GASKET R527884 Interval (hrs) - 2000. |

PARTS AND CAPACITIES INFORMATION

772G Motor Grader (PIN: 1JZ772G___C003003 - C003004)

| Part Description | Qty or capacity | Change Interval In Hours |
|--|-------------------|--------------------------|
| John Deere Plus-50™ II Engine Oil ³ | 28.0 L (7.4 gal) | 500 |
| John Deere Hydrau™ Hydraulic System Oil ³ | 53.0 L (14.0 gal) | 4000 |
| John Deere Hy-Gard™ 6WD Hub Oil ³ (if equipped) (each) | 7.2 L (1.9 gal) | 1000 |
| John Deere Hy-Gard™ Transmission, Axle Oil ³ | 66.4 L (17.5 gal) | 2000 |
| John Deere Hy-Gard™ Tandem Oil ³ (each) | 74.0 L (19.5 gal) | 4000 |
| John Deere Hy-Gard™ Circle Gear Case Oil ³ (standard circle) | 5.7 L (1.5 gal) | 2000 |
| John Deere Cool-Gard™ II Pre-Mix | 48.5 L (12.8 gal) | 6000 |
| Fluid Analysis Test Kits ⁴ | | |
| Diesel Engine Oil | 1 | 250 |
| Transmission Oil | 1 | 500 |
| Axle Oil | 1 | 500 |
| Tandem Oil | 2 | 500 |
| Hydraulic Oil | 1 | 500 |
| 6WD Hub Oil (if equipped) | 2 | 500 |
| Diesel Fuel | 1 | 500 |
| Engine Coolant | 1 | 500 |
| ³ See operator's manual for recommended oil type and oil viscosities based on operating temperatures. ⁴ Based on fluid analysis results, intervals may need to be adjusted for operating conditions. Consult an authorized John Deere dealer. | | |

Plus-50 is a trademark of Deere & Company
 Hydrau is a trademark of Deere & Company
 Hy-Gard is a trademark of Deere & Company
 Cool-Gard is a trademark of Deere & Company



Service Intervals

| As Required | |
|--|--|
| <input type="checkbox"/> Clean cooler cores | <input type="checkbox"/> Replace engine air intake filter elements |
| <input type="checkbox"/> Clean and tighten battery terminals | <input type="checkbox"/> Replace starting fluid cylinder (if equipped) |
| <input type="checkbox"/> Clean battery compartment | <input type="checkbox"/> Replace in-line fuel strainer (S.N. —685716) |
| <input type="checkbox"/> Replace cab fresh air and cab recirculation filters | <input type="checkbox"/> Drain fuel tank sump |
| <input type="checkbox"/> Lubricate circle pinion (standard circle) | <input type="checkbox"/> Drain primary fuel filter and water separator |
| <input type="checkbox"/> Check tire pressure | <input type="checkbox"/> Drain auxiliary fuel filter and water separator (if equipped) |
| <input type="checkbox"/> Check blade circle and draft frame wear inserts (standard circle) | <input type="checkbox"/> Clean camera lens (if equipped) |
| <input type="checkbox"/> Check blade lift cylinder sockets | <input type="checkbox"/> Transmission control unit (TCU) calibration |
| <input type="checkbox"/> Lubricate saddle locking pin holes | <input type="checkbox"/> 6WD controller calibration (if equipped) |
| <input type="checkbox"/> Blade side shift wear insert adjustment | <input type="checkbox"/> Cross slope sensors calibration (if equipped) |
| <input type="checkbox"/> Inspect accessory belt and belt tensioner spring | <input type="checkbox"/> Hydraulic valves calibration (if equipped) |
| Every 10 Hours or Daily | |
| <input type="checkbox"/> Check hydraulic tank oil level | <input type="checkbox"/> Check engine oil level |
| <input type="checkbox"/> Check transmission oil level | <input type="checkbox"/> Check engine coolant surge tank level |
| Every 50 Hours | |
| <input type="checkbox"/> Lubricate frame hinge pivots | <input type="checkbox"/> Lubricate front axle lean bar pivot |
| <input type="checkbox"/> Lubricate lift cylinders | <input type="checkbox"/> Lubricate front axle steering pin |
| <input type="checkbox"/> Lubricate draft frame ball | <input type="checkbox"/> Lubricate tie rod ends |
| <input type="checkbox"/> Lubricate front mounted scarifier or dozer blade (if equipped) | <input type="checkbox"/> Lubricate steering cylinders |
| <input type="checkbox"/> Lubricate Balderson™ style front lift group (if equipped) | <input type="checkbox"/> Lubricate midmount scarifier (if equipped) |
| <input type="checkbox"/> Lubricate front axle oscillation pin | <input type="checkbox"/> Lubricate circle side shift cylinder |
| <input type="checkbox"/> Lubricate front axle lean pivot casting pins | <input type="checkbox"/> Lubricate saddle locking pin |
| Every 250 Hours | |
| <input type="checkbox"/> Check hybrid battery electrolyte level (if equipped) | <input type="checkbox"/> Take engine oil sample |
| Initial Service—500 Hours ¹ | |
| <input type="checkbox"/> Replace axle oil filter | <input type="checkbox"/> Replace transmission oil filter |
| Every 500 Hours | |
| <input type="checkbox"/> Check tandem oil level | <input type="checkbox"/> Replace primary fuel filter and water separator |
| <input type="checkbox"/> Check axle oil level | <input type="checkbox"/> Replace auxiliary fuel filter and water separator (if equipped) |
| <input type="checkbox"/> Drain and refill engine oil and replace filter | <input type="checkbox"/> Take hydraulic oil sample |
| <input type="checkbox"/> Drain and refill engine oil (quick service) (if equipped) | <input type="checkbox"/> Take transmission oil sample |
| <input type="checkbox"/> Lubricate tandem pivots | <input type="checkbox"/> Take axle oil sample |
| <input type="checkbox"/> Check circle gear case oil level (standard circle) | <input type="checkbox"/> Take tandem oil sample |
| <input type="checkbox"/> Check brake accumulator | <input type="checkbox"/> Take 6WD hub oil sample (if equipped) |
| <input type="checkbox"/> Replace final fuel filter | <input type="checkbox"/> Take engine coolant sample |
| <input type="checkbox"/> Check 6WD hub oil level (if equipped) | <input type="checkbox"/> Take diesel fuel sample |
| <input type="checkbox"/> Lubricate circle ring gear (premium circle) | |

Service Intervals

| Every 1000 Hours | |
|---|--|
| <input type="checkbox"/> Drain and refill 6WD hub oil (if equipped) | <input type="checkbox"/> Check coolant condition |
| <input type="checkbox"/> Adjust front wheel bearings (standard axle only) | <input type="checkbox"/> Replace fuel tank breather |
| <input type="checkbox"/> Check engine air intake hoses | |
| Every 2000 Hours | |
| <input type="checkbox"/> Drain and refill axle oil | <input type="checkbox"/> Replace axle oil filter |
| <input type="checkbox"/> Drain and refill circle gear case oil (standard circle) | <input type="checkbox"/> Replace hydraulic oil filter |
| <input type="checkbox"/> Clean engine crankcase ventilation tube | <input type="checkbox"/> Replace transmission oil filter |
| <input type="checkbox"/> Drain and refill transmission oil | <input type="checkbox"/> Replace 6WD hydraulic oil filter (if equipped) |
| <input type="checkbox"/> Drain and refill transmission oil (quick service) (if equipped) | <input type="checkbox"/> Check and adjust engine valve lash |
| <input type="checkbox"/> Replace rear axle breather filter and hydraulic tank breather filter | |
| Every 4000 Hours | |
| <input type="checkbox"/> Drain and refill hydraulic tank oil | <input type="checkbox"/> Drain and refill tandem oil |
| <input type="checkbox"/> Drain and refill hydraulic tank oil (quick service) (if equipped) | <input type="checkbox"/> Clean transmission pump inlet screen |
| <input type="checkbox"/> Drain and refill circle gear case oil (premium circle) | |
| Every 4500 Hours | |
| <input type="checkbox"/> Replace engine crankshaft damper | |
| Every 6000 Hours | |
| <input type="checkbox"/> Drain and refill cooling system | <input type="checkbox"/> Drain and refill cooling system (quick service) (if equipped) |
| ¹ Perform initial service once after the first 500 hours of operation. | |