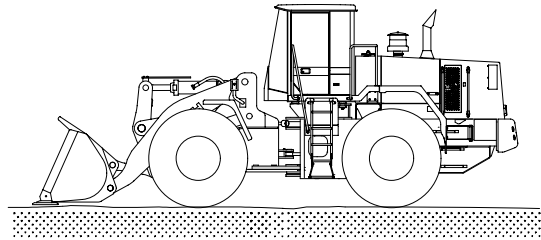


## GROUP 3 OPERATIONAL CHECKOUT RECORD SHEET

- Owner :
- Date :
- Hours :
- Serial No. :
- Technician :

**Use this sheet to record operational checkout results.  
Perform the operational check before installing any test equipment.**



7707GE02

Item	OK	NOT OK	Comments
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### 1. Monitor indicator and gauge checks(Engine OFF)

- |  |    |    |  |
|--|----|----|--|
| · Hourmeter and gauge check                        | ** | ** |  |
| · Battery check                                    | ** | ** |  |
| · Monitor indicator circuit check                  | ** | ** |  |
| · Monitor turn signals and warning indicator check | ** | ** |  |

### 2. Transmission, axle and engine linkages, neutral start switch and reverse warning alarm switch checks

- |  |    |    |  |
|--|----|----|--|
| · Transmission control lever and neutral | ** | ** |  |
| · Neutral start and reverse warning      | ** | ** |  |
| · Alarm circuit checks                   | ** | ** |  |
| · Engine speed control linkage check     | ** | ** |  |

### 3. Monitor indicator and gauge checks(Engine running)

- |  |    |    |  |
|--|----|----|--|
| · Monitor display and alternator output checks         | ** | ** |  |
| · Monitor bypass circuit and seat belt indicator check | ** | ** |  |
| · Monitor primary and secondary level check            | ** | ** |  |
| · Transmission oil warm up procedure                   | ** | ** |  |
| · Transmission temperature gauge check                 | ** | ** |  |

#### 4. Brake system and clutch cut off checks

- Park brake capacity check \*\* \*\* \_\_\_\_\_
- Park brake transmission lockout check \*\* \*\* \_\_\_\_\_
- Service brake pump flow check \*\* \*\* \_\_\_\_\_
- Service brake capacity check \*\* \*\* \_\_\_\_\_
- Brake accumulator precharge check \*\* \*\* \_\_\_\_\_
- Brake system leakage check \*\* \*\* \_\_\_\_\_
- Service brake pedal check \*\* \*\* \_\_\_\_\_
- Service and park brake system drag check \*\* \*\* \_\_\_\_\_
- Clutch cut off check \*\* \*\* \_\_\_\_\_

#### 5. Driving checks

- Transmission oil warm up procedure \*\* \*\* \_\_\_\_\_
- Transmission noise check \*\* \*\* \_\_\_\_\_
- Speedometer check \*\* \*\* \_\_\_\_\_
- Transmission kick down system check \*\* \*\* \_\_\_\_\_
- 1st, 2nd, 3rd and 4th speed clutch pack drag check \*\* \*\* \_\_\_\_\_
- Transmission pressure, pump flow and leakage check \*\* \*\* \_\_\_\_\_
- Transmission shift modulation check \*\* \*\* \_\_\_\_\_
- Torque converter check \*\* \*\* \_\_\_\_\_
- Engine power check \*\* \*\* \_\_\_\_\_

#### 6. Hydraulic system checks

- Hydraulic system warm up procedure \*\* \*\* \_\_\_\_\_
- Hydraulic pump performance check \*\* \*\* \_\_\_\_\_
- Pilot control valve boom float check \*\* \*\* \_\_\_\_\_
- Boom down solenoid valve check \*\* \*\* \_\_\_\_\_
- Control valve lift check \*\* \*\* \_\_\_\_\_
- Bucket rollback circuit relief valve check \*\* \*\* \_\_\_\_\_
- Bucket dump circuit relief \*\* \*\* \_\_\_\_\_
- Low pressure check \*\* \*\* \_\_\_\_\_
- High pressure check \*\* \*\* \_\_\_\_\_
- Boom and bucket cylinder drift check \*\* \*\* \_\_\_\_\_
- Boom down solenoid valve leakage check \*\* \*\* \_\_\_\_\_
- Pilot controller check \*\* \*\* \_\_\_\_\_
- Return to dig check \*\* \*\* \_\_\_\_\_
- Boom height kickout check-if equipped \*\* \*\* \_\_\_\_\_

## 7. Steering system checks

- |                                 |    |    |       |
|---------------------------------|----|----|-------|
| · Steering valve check          | ** | ** | _____ |
| · Steering system leakage check | ** | ** | _____ |
| · Priority valve                |    |    |       |
| Low check pressure              | ** | ** | _____ |
| High check pressure             | ** | ** | _____ |

## 8. Accessory checks

- |                                       |    |    |       |
|---------------------------------------|----|----|-------|
| · Operating lights check              | ** | ** | _____ |
| · Work light check                    | ** | ** | _____ |
| · Brake light check                   | ** | ** | _____ |
| · Cab light check                     | ** | ** | _____ |
| · Horn circuit check                  | ** | ** | _____ |
| · Windshield washer and wiper check   | ** | ** | _____ |
| · Defroster blower check              | ** | ** | _____ |
| · Heater/Air conditioner blower check | ** | ** | _____ |
| · Heater functional check             | ** | ** | _____ |
| · Air conditioner functional check    | ** | ** | _____ |
| · Start aid system check              | ** | ** | _____ |

## 9. Cab components and vandal protection checks

- |                                    |    |    |       |
|------------------------------------|----|----|-------|
| · Cab door latch check             | ** | ** | _____ |
| · Cab door hold open latch check   | ** | ** | _____ |
| · Cab door release button check    | ** | ** | _____ |
| · Cab door lock check              | ** | ** | _____ |
| · Cab door window check            | ** | ** | _____ |
| · Cab window latch check           | ** | ** | _____ |
| · Steering column adjustment check | ** | ** | _____ |
| · Seat and seat belt check         | ** | ** | _____ |
| · Air intake filter door check     | ** | ** | _____ |
| · Engine side panels check         | ** | ** | _____ |
| · Radiator cap access door check   | ** | ** | _____ |
| · Frame locking bar check          | ** | ** | _____ |
| · Boom lock check                  | ** | ** | _____ |
| · Service decal check              | ** | ** | _____ |