621
Loader

Operators Manual

9-13133

Reprinted

CASE
CONSTRUCTION

MidWestTech | Case 621 Loader Operator's Manual | Publication 9-13133

Order the manual at mid-west-tech.com >

SAFETY/DECALS/HAND SIGNALS

TABLE OF CONTENTS

Safety Rules 8

Before Operation 9

Machine Operation 10

Parking the Machine 10

Maintenance 11

Burn Prevention 12

Fire or Explosion Prevention 12

Safety Decals 14-17

Hand Signals 18-20

MidWestTech | Case 621 Loader Operator's Manual | Publication 9-13133 Order the manual at mid-west-tech.com >

SPECIFICATIONS

TABLE OF CONTENTS

Operating Data and Dimensions

- Machines with 2.0 yd³ (1.53 m³) General Purpose Bucket 22
- Machines with 2.25 yd³ (1.72 m³) General Purpose Bucket 23
- Machines with 2.0 yd³ (1.53 m³) 4-in-1 Bucket 23
- Machines with 2.75 yd³ (2.1 m³) Material Handling Bucket 24

Machine Tipping Load Adjustments 25

Buckets 25

Weights

- Operating weights 26
- Weight Adjustments for Optional Attachments 26

Travel Speeds 27

Engine Data 27

Special Bolt Torques 28

MidWestTech | Case 621 Loader Operator's Manual | Publication 9-13133 Order the manual at mid-west-tech.com >

CONTROLS AND INSTRUMENTS

TABLE OF CONTENTS

Front Console
- Transmission Control Lever 30
- Horn 31
- Indicator Lamp for Four Way Flasher and Turn Signals 31
- Master Warning Lamp 31
- Four Way Flasher Switch 31
- Steering Wheel Tilt Control 31
- Turn Signal Control 31
- Cold Start Button 32

Foot Pedals 32
Parking Brake 33
Master Disconnect Switch 33
Key Switch 34
Loader Control Levers 35-40
- Two Spool Valve - Two Control Levers 36
- Two Spool Valve - One Control Lever 37
- Three Spool Valve - Three Control Levers 38
- Three Spool Valve - Two Control Levers 39
- Four Spool Valve - Two Control Levers 40

Loader Function Switches 41-44
- Return-To-Dig 41
- Bucket Height Control 42
- Return-To-Travel 43
- Float 44

Bucket Level Indicator 44
FACT (Fast Attachment Coupling Team) 45
Wrist Rest 45
Instrument Panel 46
Cab Controls and Lights 50
- Air Conditioning Temperature Control 50
- Blower Fan Switch 50
- Heat Control 50
- Air Conditioning Warning Lamp 51
- Lamp Switch 51
- Air Louvers 52
- Door Latch 53
- Window Latch 53
- Window Retainer Latch 53

Operators Seat 54
Seat Belts 56,57
Optional Instruments 58-60
Windshield Wiper Controls 61
Radio 63

MidWestTech | Case 621 Loader Operator's Manual | Publication 9-13133 Order the manual at mid-west-tech.com >

Grease Fittings

Lubricate the machine according to the intervals given in the maintenance chart. If you operate in severe conditions, lubricate the machine more frequently. Remove all dirt from the grease fittings before you lubricate.

Notes

NOTE 1: *Every 10 hours of operation or each day, whichever occurs first.*

NOTE 2: *Service the air cleaner elements if the air cleaner indicator lamp illuminates.*

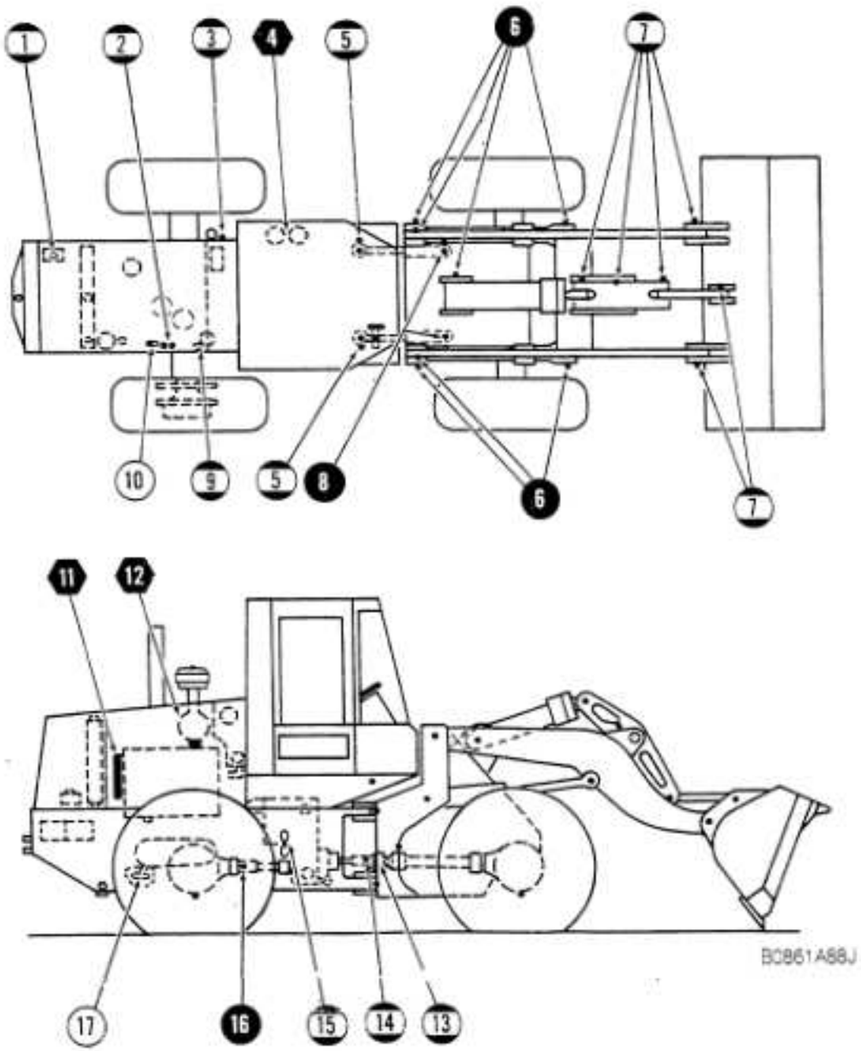
NOTE 3: *Replace the hydraulic filter if the hydraulic filter indicator lamp illuminates.*

NOTE 4: *Check the Clark and ZF transmission oil level as follows:*

Cold Oil - Check the transmission oil level in the upper hole with the engine stopped.

Warm Oil - Check the transmission oil level in the lower hole.
- Engine running at idle speed
- Parking brake ENGAGED
- Transmission in NEUTRAL
- Oil at operating temperature

NOTE 5: *Check the hydraulic fluid level with the engine stopped and the bottom of the loader bucket flat on the ground.*



MidWestTech | Case 621 Loader Operator's Manual | Publication 9-13133

Order the manual at mid-west-tech.com >