80 Cruz-Air Excavator

Service Manual

S406162

CASE CONSTRUCTION

MidWestTech | Case 80 Cruz-Air Excavator Service Manual | Publication S406162

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

TABLE OF CONTENTS

INTRODUCTION — A

Table of Contents 1, 2
Warranty 3
Nomenclature 4
Introduction 5
Parts and Service Information 5

SCHEDULED MAINTENANCE — B

Lubrication Fittings (pictorial) . . . . . 1 - 5
Lubrication Fitting Chart . . . . . 5 - 7
Itemized Instructions . . . . . 8 - 14

ELECTRICAL — C

Charging Circuit 1
Circuit Protector 2
Collector Ring 2, 6, 7
Wiring Harnesses . . . . . 3 - 5
Micro Switches 6
Solenoids 6

DRIVE CONTROLS and DRIVE LINES — D

General 1
Trouble Shooting Shift Linkage 1, 2
Transmission - Forward-Reverse 3, 4
Torque Converter 5, 6
Single Reduction Drive Unit (differential) . . . . . 6 - 8
Planetary Drive Axle 8, 9, 12
Torque Charts - Differential & Planetary Hubs 10, 11
Steering Axle (front only) 13, 14
Drive Shafts 14

ENGINE and THROTTLE LINKAGE — E

RPM Specifications 1
Accelerator Linkage Adjustment (mechanical) 1, 2
Accelerator Linkage Adjustment (hydraulic) 2, 3
Bleeding Accelerator Hydraulic System 3

SWING MECHANISM — F

Swing Brake 1
Swing Reducer 2
Swing Reducer Mounting Plate 2, 3

AIR SYSTEM — G

Maxibrake Service and Maintenance . . . . . 1 - 7
Air Reservoir 7, 8
Check Valves 8

MidWestTech | Case 80 Cruz-Air Excavator Service Manual | Publication S406162 Order the manual at mid-west-tech.com >