
JXU SERIES REPAIR MANUAL

COMPLETE CONTENTS

SECTION 00 - GENERAL INFORMATION	2
SECTION 10 - ENGINE	2
SECTION 18 - CLUTCH	3
SECTION 21 - FRONT TRANSMISSION	4
SECTION 23 - 4WD TRANSFER BOX	6
SECTION 25 - MFD AXLE	7
SECTION 27 - REAR TRANSMISSION	7
SECTION 31 - POWER TAKE-OFF	8
SECTION 33 - BRAKES	9
SECTION 35 - HYDRAULIC SYSTEMS	10
SECTION 41 - STEERING	13
SECTION 44 - WHEEL AXLES (2WD)	14
SECTION 55 - ELECTRICAL SYSTEMS	14
SECTION 90 - PLATFORM, CAB, BODYWORK AND DECALS	20

The following pages are the collation of the contents pages from each section and chapter of the JXU Series Repair manual. Complete Repair part # 87020289.

The sections used through out all Case IH product Repair manuals may not be used for each product. Each Repair manual will be made up of one or several books. Each book will be labeled as to which sections are in the overall Repair manual and which sections are in each book.

The sections listed above are the sections utilized for the JXU Series Tractors.

SECTION 00 - GENERAL INFORMATION

BOOK 1 - 87020290

Chapter 1 - General Information

CONTENTS

Description	Page
General Instructions	1

SECTION 10 - ENGINE

BOOK 1 - 87020290

Chapter 1 - Engine

CONTENTS

Description	Page
General specifications	2
Main specifications	5
Torque Values	13
Tools	14
Cross-sectional views	16
Lubrication diagram	18
Cooling system diagram	19
Troubleshooting	20
Engine. Removal-Installation	25
Engine. Compression test	40
Engine. Disassembly-Assembly	41
Coolant pump and generator drive belt. Tension adjustment	65
Engine. Checks, dimensions and repairs	66
Valve guides. Replacement	82
Front engine oil seal. Removal-Installation	86
Valve/rocker arm clearance adjustment	89
Coolant pump. Removal-Installation	92
Coolant pump. Overhaul	95
Thermostat valve. Removal-Installation	96
Radiator. Removal-Installation	100

SECTION 10 - ENGINE

BOOK 1 - 87020290

Chapter 2 - Fuel Injection System

CONTENTS

Description	Page
General specifications	3
Fuel system data	4
Torque Values	13
Tools	13
Injector sleeve. Replacement	14
Engine injectors. Removal-Installation	16
Bosch injection pump. Removal-Installation	19
Bosch injection pump. Timing	24
Bosch injection pump. Air bleed	26

SECTION 18 - CLUTCH

BOOK 1 - 87020290

Chapter 1 - Clutch

CONTENT

Description	Page
Clutches. General specifications	3
Torque Values	4
Tools	4
Cross-sectional views	5
Troubleshooting	6
Clutch. Removal-Installation	7
Dual clutch 12"/12". Test bench overhaul	19
Checks, dimensions and repairs	23
Adjustments	25

SECTION 21 - FRONT TRANSMISSION

BOOK 2 - 87020291

Chapter 1 - Transmission with Range Gear (12x4)

CONTENT

Description	Page
Transmission and range gear. Main specifications	3
Torque Values	4
Tools	5
Cross-sectional views	7
Description and operation	10
Troubleshooting	10
Disassembly-Assembly	See Section 27, Chapter 1

SECTION 21 - FRONT TRANSMISSION

BOOK 2 - 87020291

Chapter 2 - Transmission with Range Gear and Shuttle (12x12)

CONTENT

Description	Page
Transmission with range gear and shuttle. Main specifications	3
Torque Values	4
Tools	5
Cross-sectional views	5
Description and Operation	7
Troubleshooting	7
Clutch-shuttle casing. Disassembly-Assembly	8

SECTION 21 - FRONT TRANSMISSION

BOOK 2 - 87020291

Chapter 3 - Transmission with Shuttle and Creeper (20x12)

CONTENT

Description	Page
Main specifications	3
Torque Values	4
Tools	5
Cross-sectional views	7
Description and Operation	9
Troubleshooting	9
Clutch-shuttle casing and creeper. Disassembly-Assembly	10

SECTION 21 - FRONT TRANSMISSION

BOOK 2 - 87020291

Chapter 4 - 2 Speed Power Shift (24x12)

CONTENT

Description	Page
Main specifications	3
Torque Values	5
Tools	6
Cross-sectional views	7
Description and Operation	10
Troubleshooting	16
Clutch casing with 2 Speed Power Shift. Removal-Installation	18
Clutch casing with 2 Speed Power Shift. Disassembly-Assembly	27
2 Speed Power Shift control valve. Removal-Installation	36
2 Speed Power Shift control valve. Disassembly-Assembly	40
2 Speed Power Shift solenoid valve. Removal-Installation	42
2 Speed Power Shift tie-rod adjustment	46

It's a preview. You can download the full file by clicking the link below.

<https://shopservicemanual.com/>

Service Manuals from 2\$