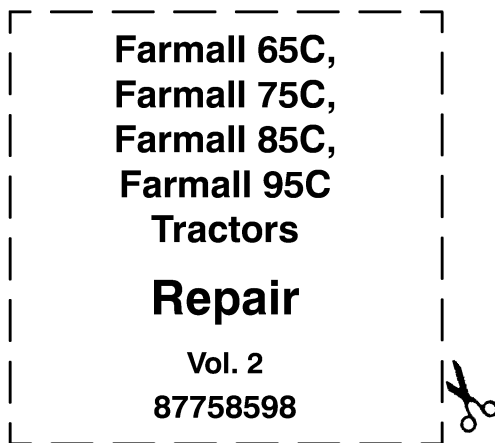
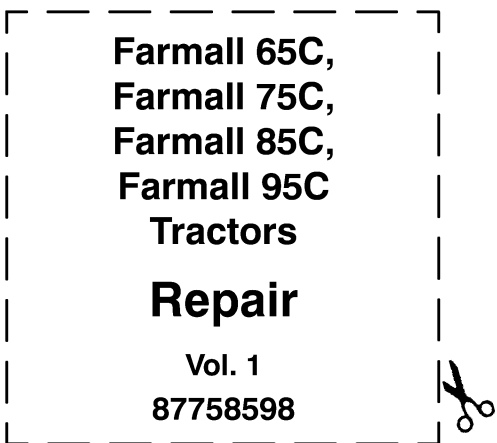
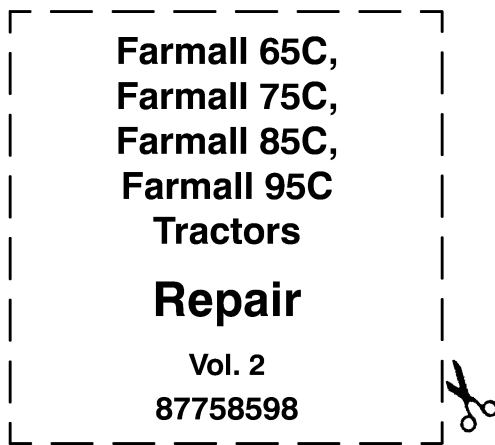
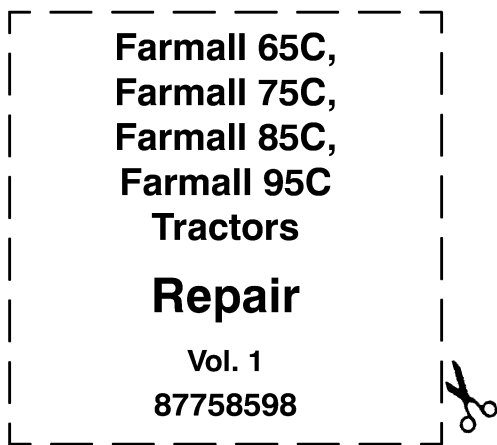


Please cut where indicated and insert the label into the plastic pocket on the spine of the binder.



Click on the image link below for the full
version of the service manual



FARMALL 65C, FARMALL 75C, FARMALL 85C, FARMALL 95C REPAIR MANUAL COMPLETE CONTENTS

SECTION 00 - GENERAL	2
SECTION 10 - ENGINE	2
SECTION 18 - CLUTCH	7
SECTION 21 - GEAR TRANSMISSION	8
SECTION 23 - DRIVE LINES	11
SECTION 25 - FRONT AXLE MECHANICAL TRANSMISSION	12
SECTION 27 - REAR AXLE MECHANICAL TRANSMISSION	14
SECTION 31 - MECHANIAL POWER TAKE-OFF	15
SECTION 33 - BRAKING SYSTEM	16
SECTION 35 - HYDRAULIC SYSTEMS	17
SECTION 41 - STEERING	23
SECTION 44 - AXLES AND WHEELS	26
SECTION 50 - CAB AIR CONDITIONING SYSTEM	27
SECTION 55 - ELECTRICAL SYSTEM	29
SECTION 90 - PLATFORM, CAB, BODYWORK	50

The following pages are the collation of the contents pages from each section and chapter of the Farmall 65C, Farmall 75C, Farmall 85C, Farmall 95C Repair manual. Complete Repair part # 87758598.

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 Farmall 65C, Farmall 75C, Farmall 85C, Farmall 95C Tractors.

SECTION 00 - GENERAL

BOOK 1 - 87758599

Chapter 1 - General

CONTENTS

Section	Description	Page
	General Instructions	3
	Health and Safety	5
	Precautionary Statements	15
	Safety	16
	Ecology and the Environment	19
	Minimum Hardware Tightening Torques	20
	Federal Emissions Warranty	22
	California Emission Control Warranty Statement	23
	Consumables	25

SECTION 10 - ENGINE

BOOK 1 - 87758599

Chapter 1 - Engine

CONTENTS

Section	Description	Page
	Specifications	4
	Torque	12
	Special Tools	14
	Sectional Views	15
	Description and Operation	19
	Exhaust Gas Recirculation System (EGR)	19
	Troubleshooting	20
	Overhaul	24
10 001 10	Engine	24
	Removal	24
	Installation	32
10 001 54	Engine Disassembly	34
	Removing the Crankshaft Front Seal	36

SECTION 10 - ENGINE

BOOK 1 - 87758599

Chapter 1 - Engine (Continued)

CONTENTS

Section	Description	Page
	Removing the Crankshaft Rear Seal	39
	Engine Assembly on the Bench	45
	Fitting the Bushings	45
	Fitting the Tappets	46
	Fitting the Camshaft	46
	Fitting the Oil Nozzles	47
	Fitting the Crankshaft	47
	Fitting the Connecting Rod-Piston Assembly	50
	Fitting the Piston Connecting Rod Assemblies in the Cylinder Liners	51
	Big End Cap Assembly	52
	Fitting the Thermostat Valve	53
	Fitting the Cylinder Head	53
	Fitting the Injectors	55
	Fitting the Rocker Arm Assembly	55
	Fitting the Timing Gear	56
	Fitting the Injection Pump	58
	Fitting the Additional Counterweights	58
	Fitting the Hydraulic Pump Drive Gear	59
	Fitting the Timing Gear Casing	60
	Fitting the Crankshaft Rear Seal	60
	Fitting the Flywheel	60
	Fitting the Oil Pump	61
	Fitting the Oil Sump	62
	Fitting the Crankshaft Front Seal	62
	Fitting the Crankshaft Front Pulley	62
	Fitting the Cooling System Union	62
	Fitting the Coolant Pump	63
	Fitting the Fan-Alternator Pulley	63
	Fitting the Auxiliary Member Drive Belt	65
	Fitting the Exhaust Manifold - Turbine	65
	Fitting the Injector Feed Pipes	65
	Fitting the Fuel Pump - Feed Pipes	66

SECTION 10 - ENGINE

BOOK 1 - 87758599

Chapter 1 - Engine (Continued)

CONTENTS

Section	Description	Page
	Fitting the Pipes Between the Fuel Supply and Injection Pumps, Pre-Heating System and Tappet Cover	66
	Fitting the Starter Motor	67
Checks, Measurements and Repairs		68
	Crankcase, Cylinder Liners	68
	Checks and Measurements	68
	Crankshaft	71
	Connecting Rods	73
	Bushings	73
	Checking Connecting Rods	74
	Checking Twisting	74
	Checking Bending	74
	Pistons	75
	Measuring the Piston Diameter	76
	Piston Pins	76
	Conditions for Correct Pin-piston Coupling	77
	Piston Rings	77
	Measuring the Clearance X of the V-Ring	78
	Valves and Camshaft	79
	Dimensions (mm) of Valves and Valve Guides	79
	Decarbonizing, Checking and Grinding Valves	79
	Valve Springs	81
	Tappets	81
	Camshaft	82
	Checking Cam Lift and Pin Alignment	82
	Cylinder Head	83
	Checking the Cylinder Head Mating Surface	83
	Cylinder Head Thickness	83
	Cylinder Head Hydraulic Seal Check	83
	Low Oil Pressure Indicator	84
	Functional Checks	84
	Oil Filter	84
	Replacement	84

SECTION 10 - ENGINE

BOOK 1 - 87758599

Chapter 1 - Engine (Continued)

CONTENTS

Section	Description	Page
	Cooling System	85
	Radiator	85
	Coolant Thermometer	85
	Thermostat Valve	85
10 102 70	Crankshaft Front Seal	86
	Removal	86
	Installation	87
10 102 74	Crankshaft Rear Seal	88
	Removal	88
	Installation	89
10 106 12	Valve/Rocker Arm Clearance	91
	Removal	91
	Installation	92
10 218 30	Injectors	93
	Removal	93
	Installation	95
10 246 14	Bosch Injection Pump	96
	Removal	96
	Installation	97
	Timing	99
	Fuel Circuit Air Bleeding	101
10 402 10	Coolant Pump	102
	Removal	102
	Installation	103
10 402 30	Thermostatic Valve	104
	Removal	104
	Installation	105
10 406 10	Radiator	106
	Removal	106
	Installation	109
10 414 10	4-Cylinder Coolant Pump and Generator Drive Belt	110
	Tension Adjustment	110
	Polyvee Belt Tensioning Instructions	110

SECTION 10 - ENGINE

BOOK 1 - 87758599

Chapter 2 - Engine (Models 65C and 75C)

CONTENTS

Section	Description	Page
	Specifications	2
	Overhaul	4
10 001 10	Engine	4
	Removal	4
	Installation	15

SECTION 18 - CLUTCH

BOOK 1 - 87758599

Chapter 1 - Clutch

CONTENTS

Section	Description	Page
	Specifications	2
	Bolt Torques	3
	Special Tools	3
	Description and Operation	4
	Engaging the PTO Control Clutch	4
	Disengaging the PTO Control Clutch	5
	Sectional Views	6
	Troubleshooting	9
	Overhaul	10
18 110 10	Clutch	10
	Removal	10
	Installation	17
18 110 30	11"/11" Dual Disk Clutch	19
	Disassembly	19
	Assembly	22
18 110 30	Single Disk Clutch 11" (Fitted With Power-shuttle)	23
	Disassembly	23
	Assembly	23
	Checks, Measurements and Repairs	24
	Dual Disk Clutch	24
	Minimum Permissible Dimensions After Refacing of Parts Subject to Wear In the 11"/11" Dual Clutch	24
	Minimum Permissible Dimensions After Refacing of Parts Subject to Wear In the 11" Single Clutch	24
	Minimum Permissible Dimensions After Refacing of Parts Subject to Wear In the 11"/11" Dual Clutch and 11" Single Clutch	24
	Coplanarity Adjustment of 11"/11" Dual Clutch Release	25
	Coplanarity of 11" Single Plate Clutch Release Levers	26
18 100 40	Gear Clutch Control Adjustments	27
	PTO Clutch Control Adjustments	28
	PTO Clutch Servo Control Adjustment	29
	Adjusting the PTO Engaged Switch	30

SECTION 21 - GEAR TRANSMISSION

BOOK 1 - 87758599

Chapter 1 - Mechanical Transmission

CONTENTS

Section	Description	Page
	Specifications	2
	Torque	3
	Special Tools	5
	Sectional Views	9
	Description and Operation	13
	Gearbox and Shuttle	13
	Creeper Unit	13
	Troubleshooting	13
	Overhaul	15
21 118 10 - 21 118 12	Rear Transmission-Gearbox Casing	15
	Removal	15
	Installation	20
21 118 85	Gearbox Transmission Casing	22
	Disassembly	22
	Assembly	28
	Transmission-Gearbox Casing	30
	Gearbox Driving and Driven Shafts End Float Adjustment	30
21 130 10	Gearbox Control Lever	32
	Removal	32
	Installation	32
21 130 11	Range Gear Control Lever	33
	Removal	33
	Installation	33
21 130 52	Shuttle Control Lever	34
	Removal	34
	Installation	34
10 216 10	Fuel Tank	35
	Removal	35
	Installation	36

SECTION 21 - GEAR TRANSMISSION

BOOK 1 - 87758599

Chapter 2 - Mechanical Transmission and Splitter

CONTENTS

Section	Description	Page
	Specifications	2
	Torque	3
	Special Tools	3
	Sectional Views	3
	Description and Operation	6
	Gearbox and Shuttle	6
	Creeper Unit	6
	Splitter	6
	Troubleshooting	7
	Overhaul	8
21 160 31	Splitter Device and Creeper Unit Gearbox, Shafts and Bearings	8
	Removal	8
	Installation	10

SECTION 21 - GEAR TRANSMISSION

BOOK 1 - 87758599

Chapter 3 - Power Shuttle Transmission with HI LO Function

CONTENTS

Section	Description	Page
	Specifications	2
	Torque	4
	Special Tools	5
	Sectional Views	8
	Clutch Control Pressure Test	11
	Description and Operation	13
	Gearbox and Shuttle	13
	Creeper Unit	13
	Power Shuttle Unit	13
	Troubleshooting	13
	Gearbox, Creeper Unit and Shuttle Troubleshooting	13
	Overhaul	14
21 118 85	Gearbox Transmission Casing	14
	Disassembly-Assembly	14
21 134 46	Power Shuttle Control Valve	16
	Disassembly	16
	Assembly	18
21 134 62	Accumulator	19
	Disassembly	19
	Assembly	19
21 134 70	Control Valve Solenoid with Respect to Clutches	20
	Removal	20
	Installation	20
21 134 70	Control Valve Solenoid with Respect to Gearbox	21
	Removal	21
	Installation	21
21 154 34 - 21 154 60	Clutch Casing	22
	Disassembly - Assembly	22

SECTION 21 - GEAR TRANSMISSION

BOOK 1 - 87758599

Chapter 4 - Power Shuttle Transmission (16 + 16)

CONTENTS

Section	Description	Page
	Specifications	2
	Torque	3
	Sectional Views	4
	Clutch Control Pressure Test	6

SECTION 23 - DRIVE LINES

BOOK 2 - 87758600

Chapter 1 - Drive Lines

CONTENTS

Section	Description	Page
	Specifications	2
	Torque	3
	Special Tools	4
	Sectional Views	6
	Description and Operation	9
	4WD Drive Gear with Electrohydraulic Coupling	9
	Drive Gear	10
	Troubleshooting	10
	Overhaul	11
23 101 26	Transmission Shafts and Guard	11
	Disassembly	11
	Assembly	11
23 101 40 - 23 202 50	Drive Gear Housing Assembly	12
	Removal	12
	Installation	13

SECTION 23 - DRIVE LINES

BOOK 2 - 87758600

Chapter 1 - Drive Lines (Continued)

CONTENTS

Section	Description	Page
42 23 101	Drive Gear Housing	14
	Disassembly	14
	Assembly	15
23 202 52	Removal	16
	Installation	17

SECTION 25 - FRONT AXLE MECHANICAL TRANSMISSION

BOOK 2 - 87758600

Chapter 1 - Front Axle Mechanical Transmission

CONTENTS

Section	Description	Page
	Specifications	2
	Torques	5
	Special Tools	7
	Sectional Views	9
	Description and Operation	10
	Front Differential Lock	11
	Troubleshooting	12
	Overhaul	13
25 100 30	Front Axle Assembly	13
	Removal	13
	Installation	16
25 100 38	Disassembly	17
	Assembly	24
25 104 34	Front Differential Lock Clutch Unit	25
	Overhaul with Unit Removed	25

SECTION 25 - FRONT AXLE MECHANICAL TRANSMISSION

BOOK 2 - 87758600

Chapter 1 - Front Axle Mechanical Transmission (Continued)

CONTENTS

Section	Description	Page
25 108 46 or 25 108 47	Steering Knuckle Pins and Bearings	27
	Replacement	27
	Stub Axle Adjustment	28
	Bevel Drive Adjustments	30
	Adjusting the Preloading on the Bevel Drive Shaft Bearings	30
	Determining the Thickness of the Bevel Pinion Position Adjustment Shim	31
	Adjusting the Bevel Crown Wheel Bearings and Checking the Clearance Between the Sides Of the Bevel Drive Teeth	34
25 102 24	Front Axle Differential	37
	Overhaul	37
	LIM-Slip Self-locking Differential Lock	38
	Operating	38
25 102 27	Front Axle Differential with LIM-Slip Unit	38
	Overhaul	38
44 511 80	Leading Drive Wheels Toe-in Check	40
25 108 30	Front Epicyclic Final Drive	41
	Removal	41
	Installation	42
25 108 30	Front Epicyclic Final Drive with Brake	43
	Disassembly	43
	Assembly	44