

[Click here to get the complete manual](#)



NEW HOLLAND

SKID STEER LOADER COMPACT TRACK LOADER

L180

L185

L190

C185

C190

Mechanical and Pilot Control

(Cab Upgrade Machines)

REPAIR MANUAL

87630288 NA
Replaces 87578815 NA

Issued 12-2006
Revised 05-2007

 **NEW HOLLAND**

Contents

INTRODUCTION

DISTRIBUTION SYSTEMS A

PRIMARY HYDRAULIC POWER SYSTEM	A.10.A
SECONDARY HYDRAULIC POWER SYSTEM	A.12.A
HIGH-FLOW HYDRAULIC POWER SYSTEM	A.16.A
ELECTRICAL POWER SYSTEM	A.30.A
LIGHTING SYSTEM	A.40.A

POWER PRODUCTION B

ENGINE	B.10.A
FUEL AND INJECTION SYSTEM	B.20.A
AIR INTAKE SYSTEM	B.30.A
ENGINE COOLANT SYSTEM	B.50.A
LUBRICATION SYSTEM	B.60.A
STARTING SYSTEM	B.80.A

POWER TRAIN C

POWER COUPLING Fixed coupling	C.10.B
TRANSMISSION Hydrostatic	C.20.F

TRAVELLING D

FRONT AXLE	D.10.A
REAR AXLE	D.12.A
STEERING Steering clutch	D.20.F
PARKING BRAKE Hydraulic	D.32.C
WHEELS AND TRACKS Tracks	D.50.B
WHEELS AND TRACKS Wheels	D.50.C
Final drive	D.15.A

BODY AND STRUCTURE E

USER CONTROLS AND SEAT	E.32.A
USER PLATFORM	E.34.A
ENVIRONMENT CONTROL Heating system	E.40.B

ENVIRONMENT CONTROL Air-conditioning system	E.40.C
SAFETY SECURITY ACCESSORIES Safety	E.50.B
WORKING ARM	H
SINGLE ARM Lift	H.40.B
SINGLE ARM TOOL ATTACHMENT Tilt	H.50.C
TOOLS AND COUPLERS	J
CARRYING Unarticulated tools	J.50.B
COUPLING Hydraulic coupling	J.80.C
COUPLING Mechanical coupling	J.80.B