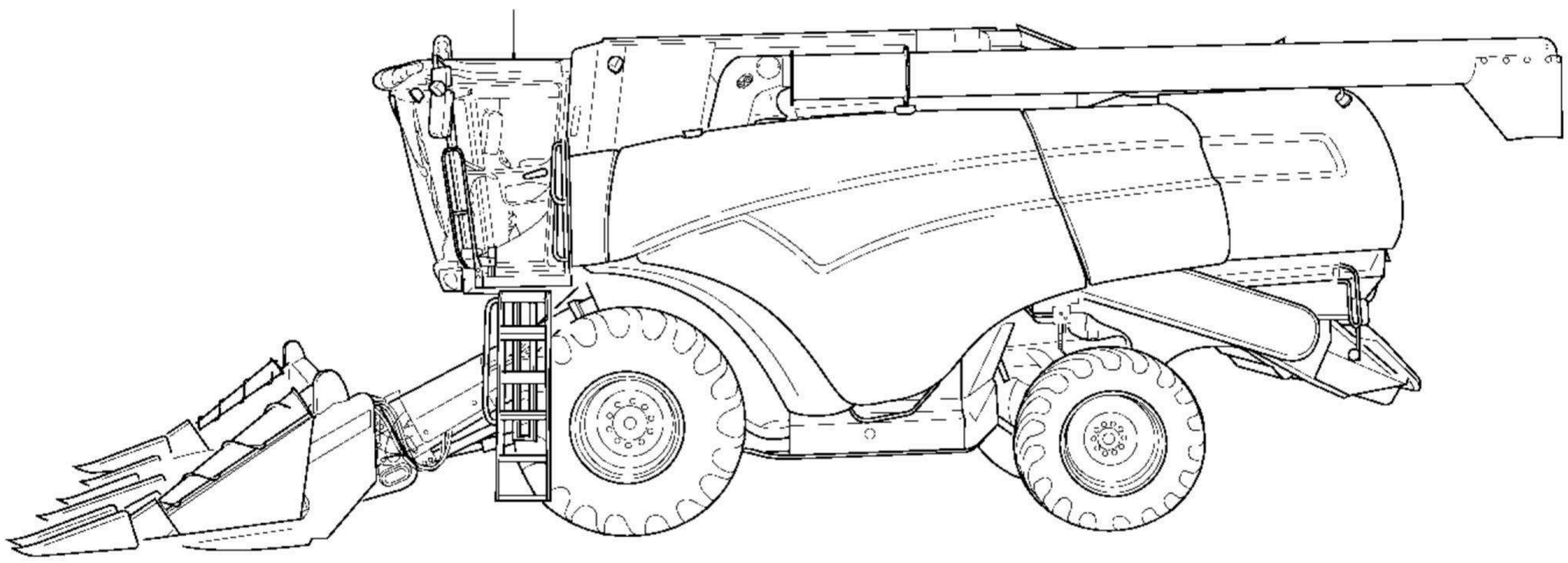
SERVICE MANUAL

Extra-Capacity
High-Capacity
Varifeed



Print No. 84299175A

NEW HOLLAND
AGRICULTURE

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

Contents

INTRODUCTION

DISTRIBUTION SYSTEMS ..... A

ELECTRICAL POWER SYSTEM A.30.A

PRIMARY HYDRAULIC POWER SYSTEM A.10.A

POWER PRODUCTION ..... B

PTO POWER IN B.90.A

CROP PROCESSING ..... K

CUTTING In-line cutting K.10.B

FEEDING Header feeding K.25.D

FEEDING Reel feeding K.25.B

MidWestTech | New Holland Extra Capacity, High Capacity Varifeed Harvesting Header... Order the manual at mid-west-tech.com >

Contents

INTRODUCTION

Foreword 3
Legal advice 8
Foreword Ecology and the Environment 9
Safety rules 10
Basic instructions 14
Torque 17
Basic instructions - Chain Wear Tables - Roller Chains 19
Conversion factors 21
Product identification 22

MidWestTech | New Holland Extra Capacity, High Capacity Varifeed Harvesting Header... Order the manual at mid-west-tech.com >

Contents

DISTRIBUTION SYSTEMS - A

ELECTRICAL POWER SYSTEM - 30.A

TECHNICAL DATA
Wiring harness
Special tools 1 3
Special tools 2 3
Special tools 3 5

FUNCTIONAL DATA
ELECTRICAL POWER SYSTEM
Component diagram 8
Component diagram 11
High-Capacity
Component diagram 13
Extra-Capacity, Varifeed
Electrical standard 15

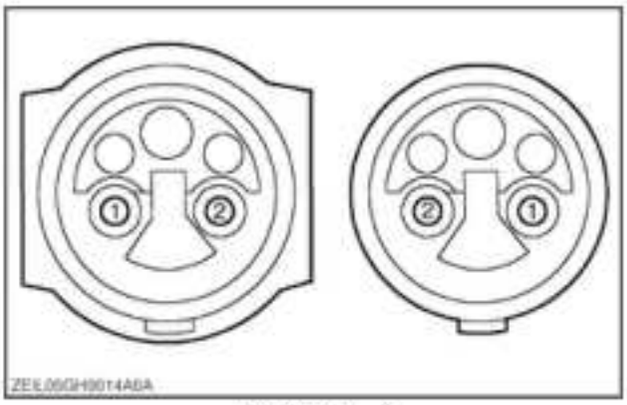
MidWestTech | New Holland Extra Capacity, High Capacity Varifeed Harvesting Header... Order the manual at mid-west-tech.com >

REEL VARIATOR MOTOR

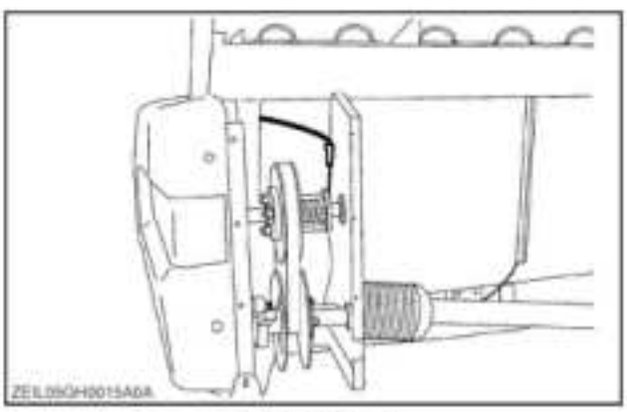
CONNECTOR REEL VARIATOR MOTOR		
POSITION	WIRE COLOUR	CIRCUIT REFERENCE
1	GR	REEL VARIATOR MOTOR (SLOW) SIGNAL
2	WT	REEL VARIATOR MOTOR (FAST) SIGNAL

NOTE: *For the wiring colour code refer to* ***ELECTRICAL POWER SYSTEM - Electrical standard (A.30.A).***

NOTE: *For the connector number refer to the Repair Manual of your combine.*



ZEL05GH0014ADA 3



ZEL05GH0015ADA 4

LEFT HAND SIDE OF HEADER

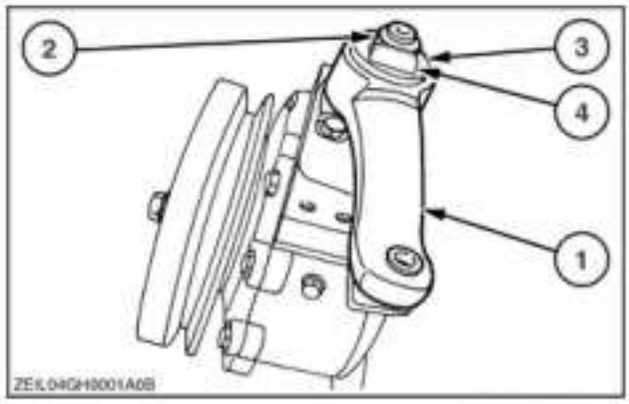
NOTE: *For electrical schematic frames refer to the Repair Manual of your Combine.*

MidWestTech | New Holland Extra Capacity, High Capacity Varifeed Harvesting Header... Order the manual at mid-west-tech.com >

Drive system Wobble box - Disassemble

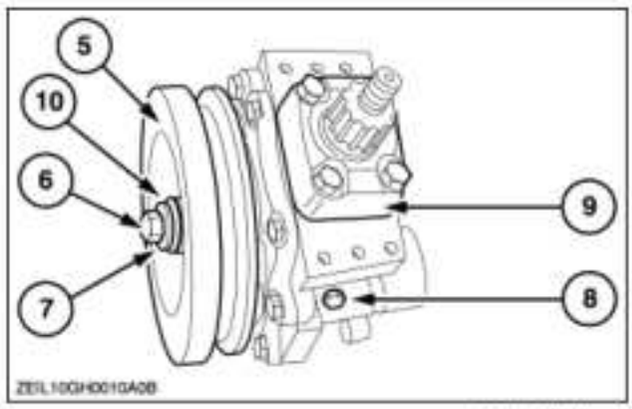
Prior operation:
Drive system Wobble box - Remove (K.10.B).

1. Flatten the locking plate **(4)**.
Remove the nut **(2)** and the washer **(3)**.
Remove the knife arm **(1)** from the splined end of the output shaft tapping it gently with a plastic hammer.



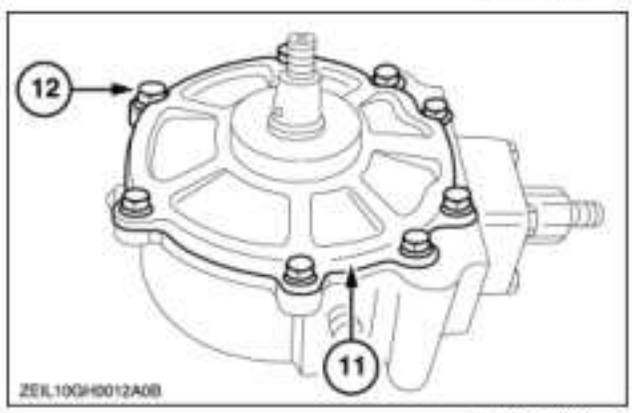
1

2. Remove the drive pulley **(5)** by removing the nut **(6)** and the washer **(7)** and Belleville washer **(10)**. Gently tapping the pulley from the conical shaft splines with a hammer.
Drain the oil at plug **(8)**. Thereafter reinstall the plug at torque **20 - 30 N·m** (**14.8 - 22.1 lb ft**).
Remove the four bolts and gently tap the bearing housing **(9)** from the shaft with a plastic hammer.



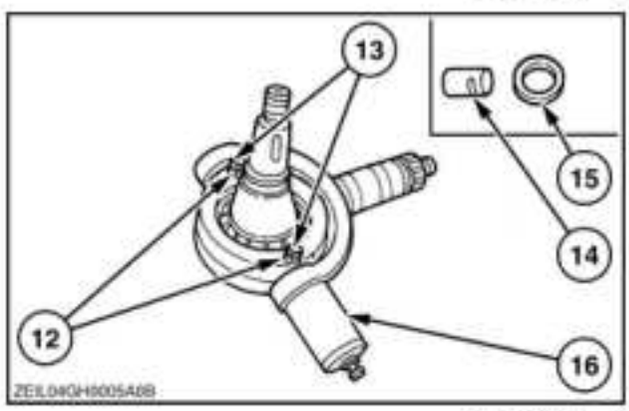
2

3. Remove the cover **(11)** by removing the eight bolts **(12)**.
Take out the eccentric mechanism.



3

4. Remove the two nuts **(12)** and the two set screws **(13)**.
Remove the two yoke pins **(14)** and the washers **(15)** with a self- made tube-type puller **(16)**.



4

MidWestTech | New Holland Extra Capacity, High Capacity Varifeed Harvesting Header... Order the manual at mid-west-tech.com >

Slip clutch - Install

High-Capacity 24 ft, High-Capacity 20 ft, High-Capacity 17 ft, High-Capacity 15 ft, High-Capacity 13 ft, High-Capacity 12 ft

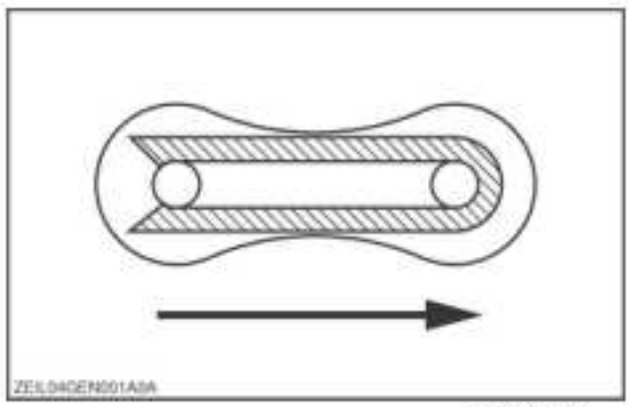
NOTE: *For 30ft headers, from series 7048 onwards, the torque limiter is relocated to the header p.t.o. drive shaft. Refer to:* ***PTO POWER IN - Install (B.90.A)****.*

1. Put the torque limiter **(5)** on the shaft.
2. Install the washer **(4)** and the lock nut **(3)**.

NOTE: *Tighten the lock nut to a minimum torque of* ***265 N·m (195.45 lb ft)****.*

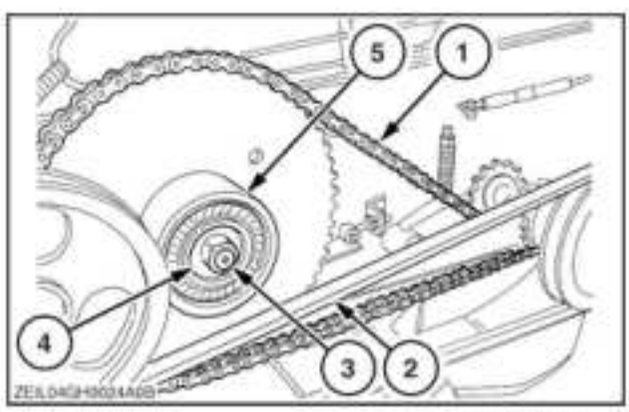
3. Reinstall the chain **(1)**.
   For the correct tension refer to the Operator's Manual of your Grain Header.

NOTICE: *Install the connector link in the direction of travel (arrow).*



ZELO4GEN001ADA 1

4. Reinstall the belt **(2)**. For the correct tension refer to the Operator's Manual of your Grain Header.



ZELO4GH002AADB 2

MidWestTech | New Holland Extra Capacity, High Capacity Varifeed Harvesting Header... Order the manual at mid-west-tech.com >