SERVICE MANUAL

600FDR

Header

Part number 47794081

English

October 2014

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Chapters

Each Chapter is identified by a number e.g. Hydraulic Systems - Main check valve- 35.359. The first number is identical to the Section number i.e. Chapter 35.359 is inside Section 35, Hydraulic Systems. The second number is representative of the Chapter contained within the Section.

CONTENTS

The Chapter Contents lists all the technical data (specifications), functional data (how it works), service data (remove, install adjust, etc..) and diagnostic data (fault codes and troubleshooting) that have been written in that Chapter for that function or system on the machine.

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SERVICE

Main control valve - Remove (35.359 - F.10.A.10)

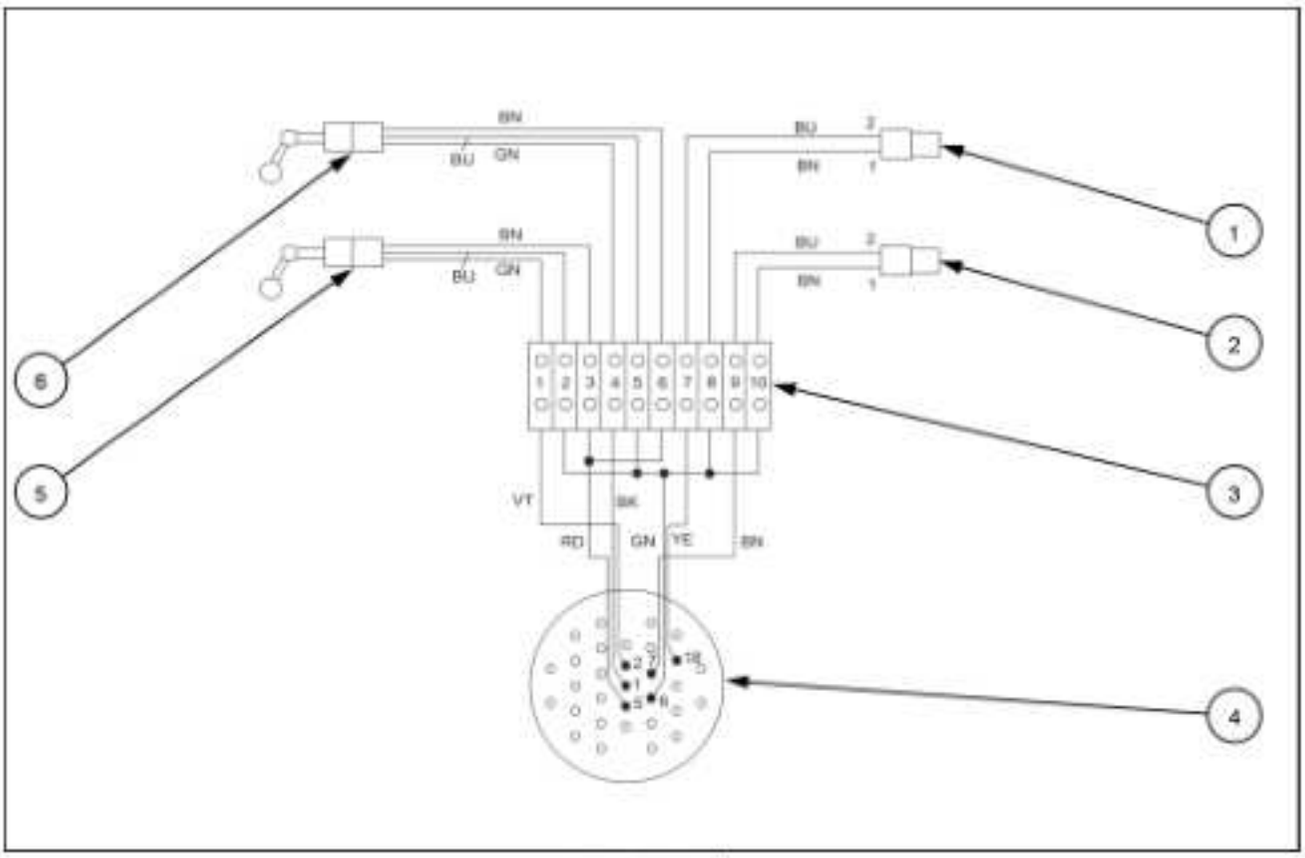
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Wiring harnesses - Electrical schematic sheet 01 - Overview

Item	Description
1	Cutting disc speed sensor
2	Not applicable
3	Terminal block
4	Main connector **X-026**
5	**Autofloat™** sensor, right-hand side (if installed)
6	**Autofloat™** sensor, left-hand side (if installed)



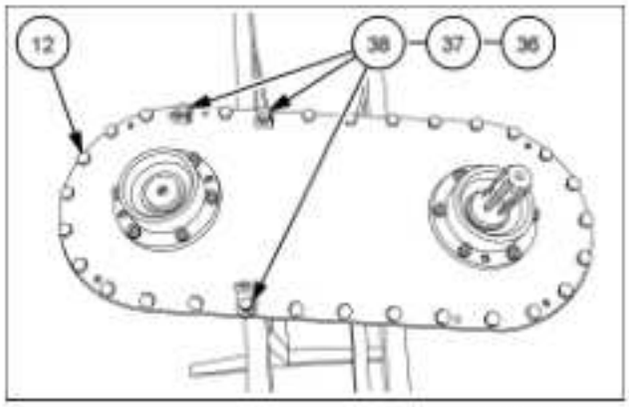
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32. Tighten the 27 bolts **(12)**.

NOTE: *Tighten with a torque of* ***90 N·m*** *(****66.4 lb ft****). Use the criss-cross method.*

33. Install the brackets **(36)** on the cover plate **(13)**. Use the bolts **(38)** and washers **(37)**.

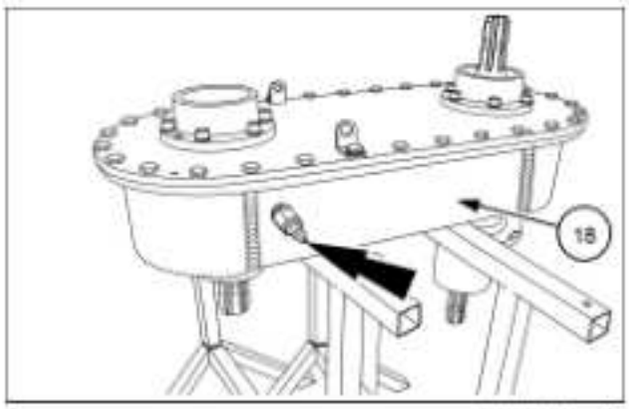
NOTE: *Tighten with a torque of* ***90 N·m*** *(****66.4 lb ft****).*



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34. Install an air coupling on the gearbox **(18)**. Add pressure till **0.5 bar** (**7.2 psi**).

35. Drop the gearbox **(18)** in a water bad for **30 min** and check for leaks.



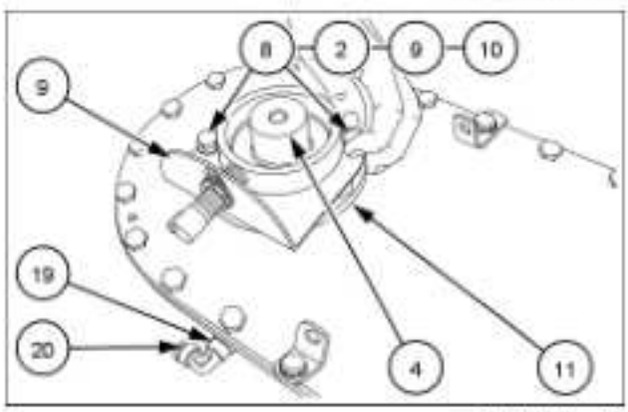
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36. Install the sensor bracket **(9)** on the flange **(11)**. Use the bolts **(8)**, the spring washers **(2)** and the spacers **(10)**.

NOTE: *Install the spacers* ***(10)*** *between the flange* ***(11)*** *and the sensor bracket* ***(9)****.*

37. Install the extension **(4)**.

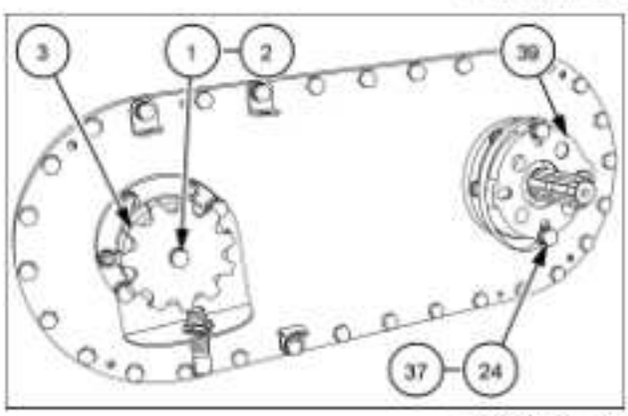
38. Install the fitting **(19)** and the filler plug **(20)**.



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39. Install the phonic wheel **(3)**. Use the bolt **(1)** and the spring washer **(2)**.

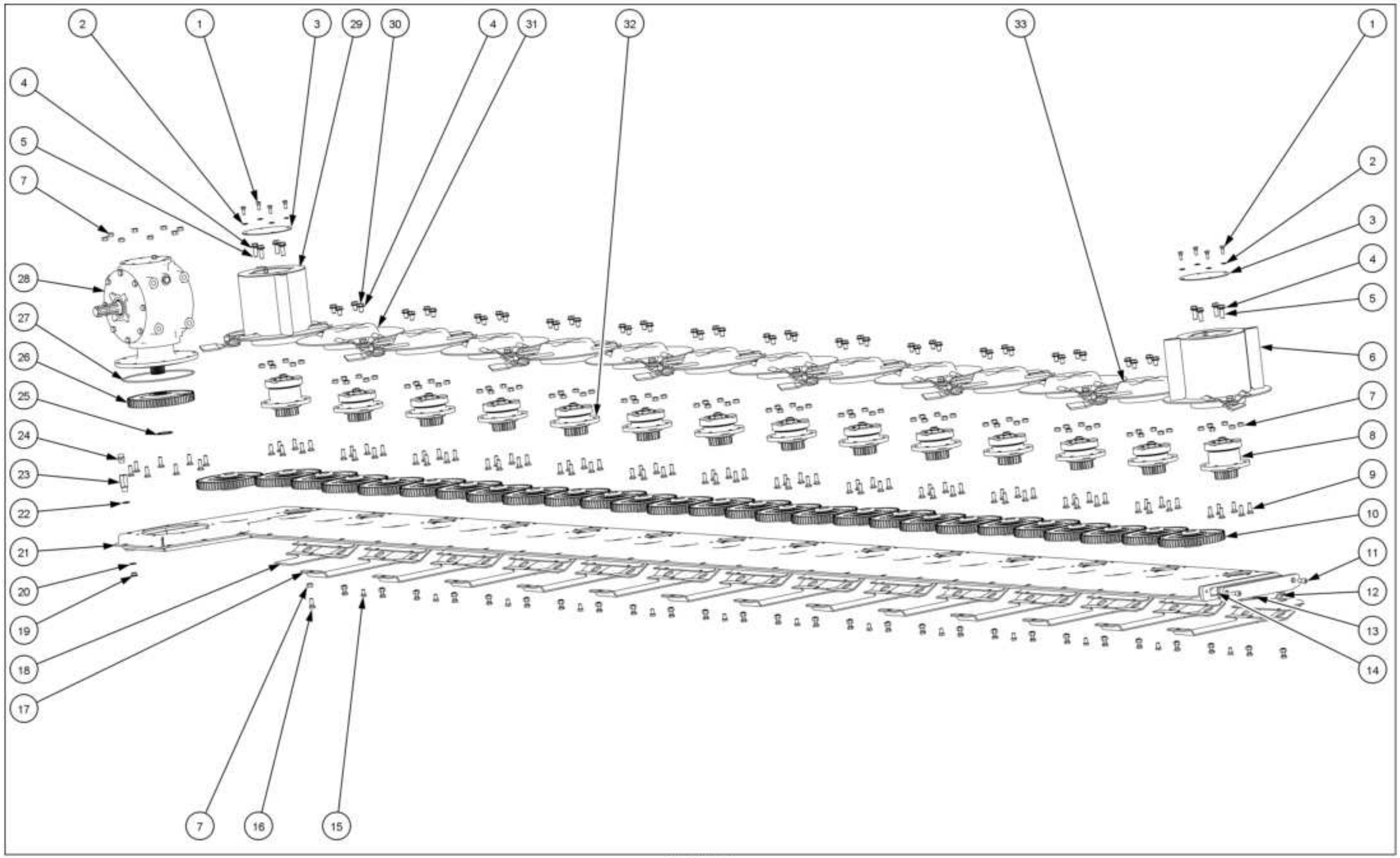
40. Install the fixing ring **(39)** for the Power Take-Off (PTO) cover. Use the bolts **(24)** and the washers **(37)**.



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Next operation:
Install the intake gearbox. Refer to Intake gearbox install **Gearbox - Install (58.100)**.

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