

**1840**  
**Small Square Baler**  
**REPAIR TIME SCHEDULE**

**Form Number 4283536M1**

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## A. TIME ALLOWANCE

The times listed in this publication are the result of careful study of the operation concerned; they represent the average time ONE trained dealer mechanic, of normal ability has taken to carry out the operation in a typical dealership, using standard workshop tooling and equipment including air tools, located for reasonable access and working conditions. They DO NOT include any traveling to or from the farm or site.

The machine is assumed to be clean and to be bare of any extra equipment or attachment of non "AGCO" manufacture, and delivered to an authorized and duly equipped workshop where trained personnel and spare parts required to perform the operations are immediately available.

The times given include difficulties encountered working on used as opposed to new machines, and are based on methods and recommended tools shown in the workshop manual.

The times are based on a second hand machine in reasonable condition properly maintained using approved parts. Extra time may be required to deal with seized, rusted or damaged parts.

Allowances are included in the operation times quoted for obtaining all tools and parts, cleaning and testing after repair. Diagnostic time is included in the time allowance unless a separate code is listed for diagnostic time.

The times given in this Repair Time Schedule are for a complete job from start to finish, including allowances for intermediate operations.

## B. TIMES

All the operating times are presented in hours and the decimal parts of an hour. Decimal times must be used on all warranty claims.

The times given in this repair time schedule are for a complete job from start to finish. Where access has been gained for an adjacent repair only the additional time for the second repair will be accepted and not the total time for the two failures.

## C. REVIEW OF TIMES

If you find any improvement in the method which reduces the time of an operation or you find you cannot meet an operation time after more than three attempts using the recommended method, a "Request for Review of Time" form (see next page) must be submitted quoting all relevant details. Photo copy the form and fax it to the following address:

AGCO Corporation  
Attn: Technical Services and Support  
FAX (620) 327-5713

## D. AMENDMENTS

All times contained in this schedule are based on the latest information available at the time of this publication. The right is reserved to publish revision at any time. All operation times are subject to amendment if the design, method or technique changes result in alteration of time taken.

## E. REQUEST FOR REVIEW OF TIME SCHEDULE

### Request for Review of Time Schedule

Dealer Name: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_

RTS Publication No.: \_\_\_\_\_ Failure Code No.: \_\_\_\_\_

Machine Model: \_\_\_\_\_ Serial No.: \_\_\_\_\_

We disagree with your time allowance against the above failure code number. We have observed and accurately timed this operation as carried out by a trained mechanic using recommended procedures and special tools. Our findings are detailed below:

Analysis of Time			
Work Performed	Time		Remarks
Remove Component			
Dismantle			
Clean and Inspect			
Obtain Parts and tools			
Reassemble			
Reinstall			
Adjust and test			
TOTAL OF TIME			
Number of mechanics used on job.			

Printed Name: \_\_\_\_\_ Signed: \_\_\_\_\_

Fax To:

AGCO Corporation

Attn: Technical Services and Support

(620) 327-5713

## ACCESSORIES

BALE CHUTE - EXTENSION KIT .....	64
BALE CHUTE - QUARTER TURN KIT .....	65
BALE CHUTE KIT .....	63
BALE THROWER .....	75
BALE THROWER .....	78
BALE THROWER - CHUTE LOWER .....	70
BALE THROWER - CHUTE UPPER .....	69
BALE THROWER - DRIVE .....	71
BALE THROWER KIT - MOUNTING .....	68
FIELD LIGHTS .....	67
FLOW CONTROL VALVE ASSEMBLY .....	73
HYDRAULIC CYLINDER ASSEMBLY .....	61
HYDRAULIC DRIVE AND CONTROL .....	72
HYDRAULIC DRIVE AND CONTROL .....	74
HYDRAULIC PICKUP LIFT KIT .....	60
HYDRAULIC PUMP AND CLUTCH .....	77
WAGON HITCH KIT .....	66

## BALE FEEDING SYSTEM

PICKUP .....	22
PICKUP DRIVE - RIGHT-HAND .....	21
PICKUP FRAME AND WRAPPER - LEFT-HAND .....	20
PICKUP SHIELDS AND GAUGE WHEELS .....	19
WINDGUARD .....	18

## BALE FORMING SYSTEM

BALE CHAMBER .....	28
HAYDOG .....	27
PLUNGER .....	25
PLUNGER STOP .....	29
STUFFER .....	24
STUFFER - MOUNTING .....	23

## BALE KNOTTING SYSTEM

GRIPPER CUTTER .....	43
KNOTTER .....	37
KNOTTER CONTROL .....	35
KNOTTER, NEEDLE AND CONTROL .....	30
NEEDLE .....	33
STAR WHEEL .....	31
TRIP CAM .....	32
TWINE GUIDE .....	34
TWISTER .....	44
TWISTER CONTROL .....	39
TWISTER DRIVE AND CAM .....	41
WIRE GUIDE AND ROLLER .....	42

## CHASSIS

HITCH, JACK AND SAFETY CHAIN .....	46
KNOTTER SHIELDS .....	56
LATCHES .....	48
LATCHES - CE .....	49
SHIELDS - LEFT-HAND TWINE .....	51
SHIELDS - LEFT-HAND WIRE .....	53
SHIELDS - RIGHT-HAND TWINE .....	52
SHIELDS - RIGHT-HAND WIRE .....	54
SHIELDS - TOP .....	50
TONGUE .....	47
TOOL BOX .....	55

## DECALS

DECALS - LOGO .....	57
DECALS - OPERATIONAL .....	58

## DRIVE SYSTEM

AUGER DRIVE - LEFT HAND .....	11
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DRIVE SYSTEM (CONTINUED)

AUGER DRIVE - RIGHT-HAND .....	12
CLUTCH .....	6
DRIVE .....	7
DRIVE SHAFT ASSEMBLY .....	5
GEARBOX ASSEMBLY .....	8
PICKUP CLUTCH .....	10
PICKUP DRIVE .....	9

ELECTRICAL SYSTEM

KNOTTER BLOWER .....	17
LIGHTING - CE .....	16

HYDRAULIC SYSTEM

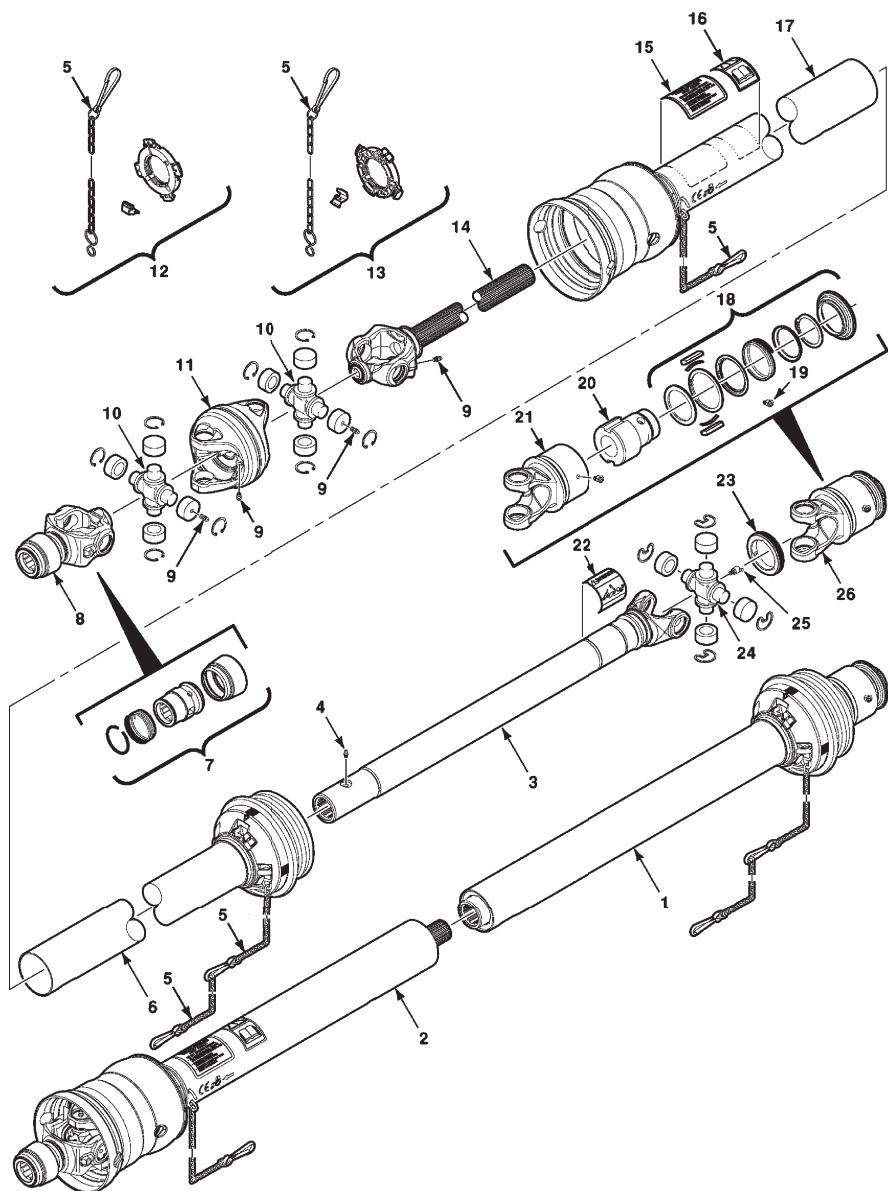
BALE TENSIONER .....	13
HYDRAULIC CYLINDER ASSEMBLY .....	14
PUMP AND RESERVOIR .....	15

SPINDLES AND WHEELS

WHEEL AND HUB .....	59
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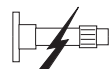
# 1840 RECTANGULAR BALER DRIVE SYSTEM

## DRIVE SHAFT ASSEMBLY



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Item



Description

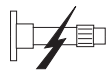
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1	DR 10 13	0.3	DRIVELINE
2	DR 10 18	0.2	DRIVELINE
3	DR 10 11	0.4	YOKE TUBE
5	DR 30 09	0.1	CHAIN KIT
6	DR 70 06	0.2	INNER GUARD
7	DR 10 08	0.8	AUTO LOCK REPAIR KIT
8	DR 10 16	0.5	YOKE
10	DR 10 17	0.8	CROSS AND BEARING KIT
11	DR 70 05	1.0	HOUSING
12	DR 10 12	0.6	REPAIR KIT
13	DR 70 04	0.6	GUARD REPAIR KIT
14	DR 10 19	0.4	YOKE SHAFT
15	SH 30 06	0.2	DANGER DECAL, ROTATING DRIVELINE
16	SH 30 18	0.2	WARNING DECAL, CE
17	DR 70 07	0.3	OUTER GUARD
18	DR 10 15	0.8	REPAIR KIT (INCLUDES ITEM 20 & 21)
20			INNER HUB
21			CLUTCH YOKE
22	SH 30 07	0.2	DANGER DECAL, SHIELD MISSING
23	DR 10 10	0.8	REPAIR KIT
24	DR 10 09	0.8	CROSS AND BEARING KIT
26	DR 10 14	0.6	OVERRUNNING CLUTCH

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1840 RECTANGULAR BALER  
DRIVE SYSTEM

Item



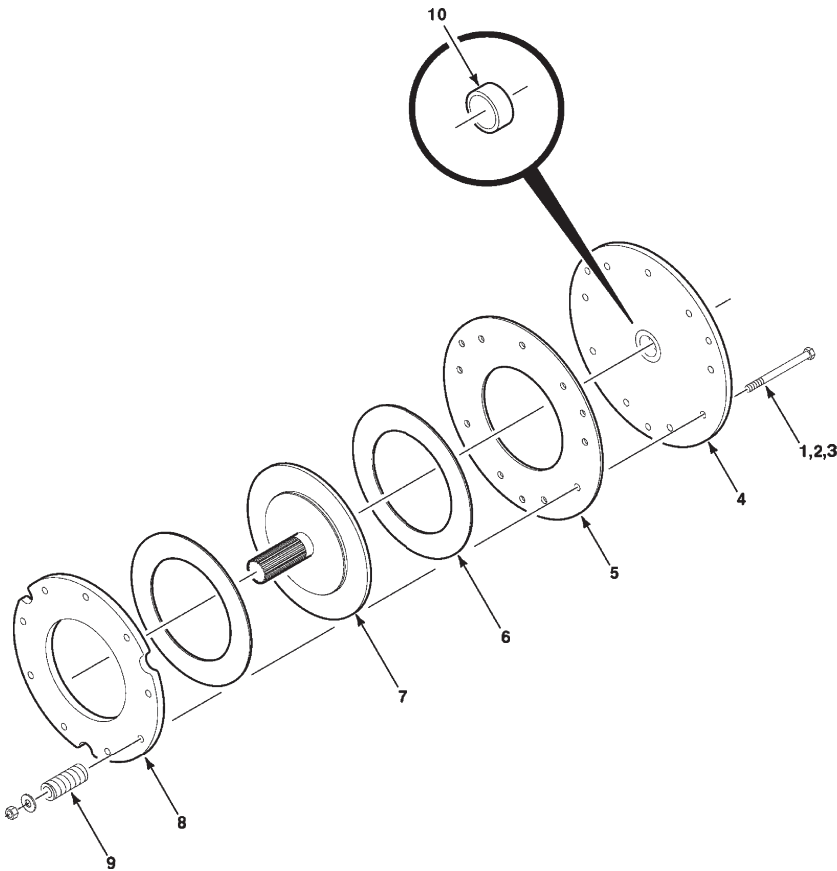
Description

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CLUTCH

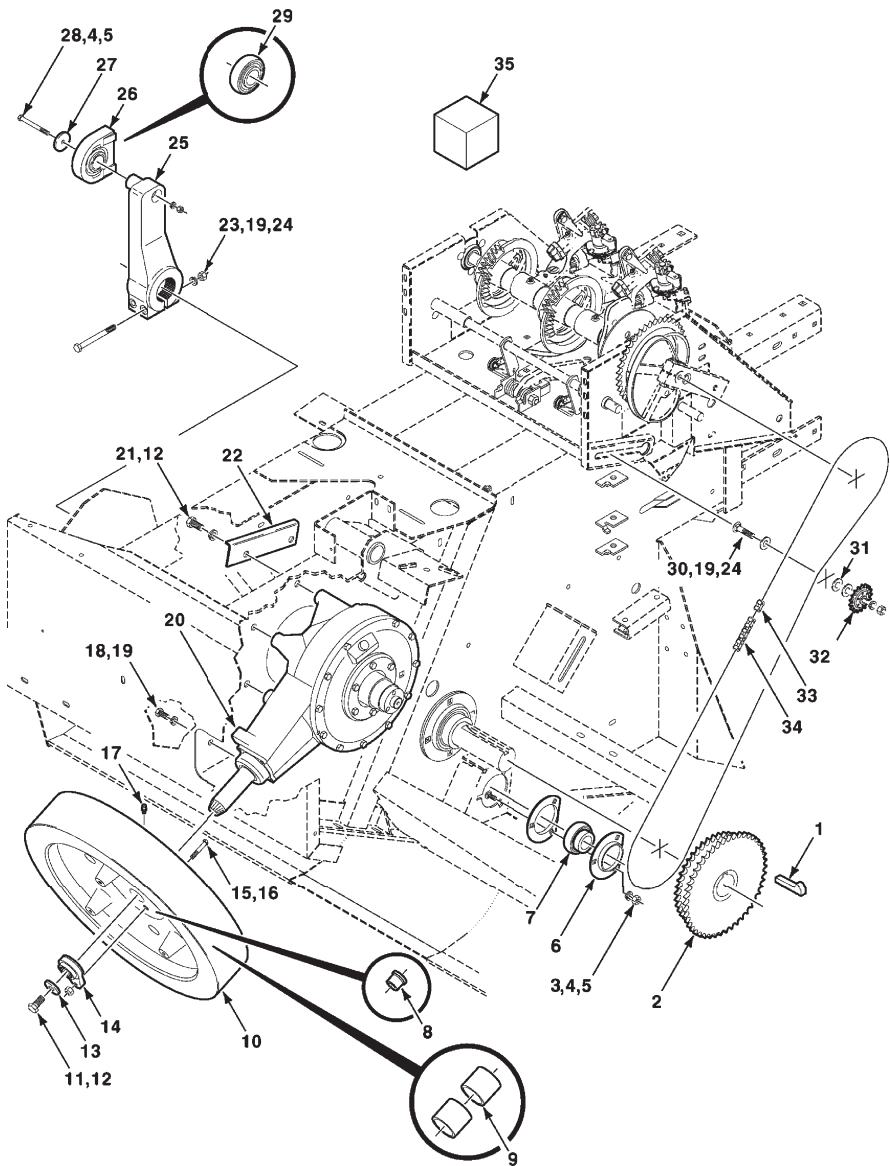
4	DR 20 01	1.5	CLUTCH MOUNTING PLATE
5	DR 20 02	2.0	INNER PRESSURE PLATE
6	DR 20 06	2.0	FRICTION DISC
7	DR 20 03	2.0	CLUTCH ROTOR
8	DR 20 04	2.0	OUTER PRESSURE PLATE
9	DR 20 05	0.5	COMPRESSION SPRING
10	DR 20 08	1.6	BRONZE BUSHING

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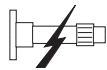


1840 RECTANGULAR BALER  
DRIVE SYSTEM

DRIVE



Item



Description

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2	DR 30 07	1.0	SPROCKET
7	DR 10 01	1.5	SPHERICAL BEARING
8	DR 60 01	0.5	SHEAR BUSHING
9	DR 10 03	2.4	BEARING
10	DR 10 07	2.4	FLYWHEEL
14	DR 60 07	0.5	SHEAR BOLT ARM
22	DR 70 01	1.5	ANGLE
25	DR 60 05	1.5	CRANK ARM
26	DR 10 04	1.5	BEARING HOUSING
32	DR 30 01	0.6	SPROCKET
34	DR 30 11	1.2	ROLLER CHAIN

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