

Assembly Instructions



Simplebale - Lubrication kit
Kit number: ACX4128160

1840 Baler



CALIFORNIA

Proposition 65 Warning

WARNING: Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer, birth defects, and other reproductive harm.

How to use this manual

Transport damage and missing parts

Examine the machine and parts carefully for possible damage that occurred during transport. Speak to the person that is responsible for transport immediately if you find damage.

Make an order for missing parts.

General

If more assistance is necessary you should speak to your AGCO dealer.

This manual is only applicable to the models specified on the front cover.

Fastener torques

Always replace fasteners with fasteners of the same specification. Tighten all fasteners to the correct torque values.

You can find the list of torque values in the service manual or the assembly instructions of the machine. If the torque value is different, it is specified in the procedure.


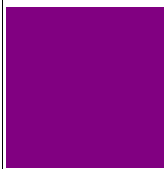
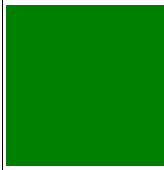
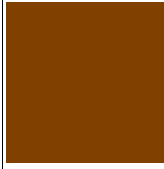
Special tools

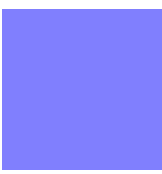

If it is necessary to use a special tool in a procedure, the tool identification is specified in the procedure.

Illustrations

The illustrations do not always show the same machine specification or machine configuration. The procedure is the same unless the instruction tells you differently.

The illustrations in this manual use a color system to help you follow the instruction correctly.

Color	Description	Functions
	Target/focus item The primary component in the step is this color.	Primary component, decal location, component location
	Connectors, fasteners All components that attach the primary component to a different component are this color.	Fasteners, electrical connectors
	Primary alternative If there are 2 primary components in the illustration, 1 of the 2 components is this color.	Secondary component
	Secondary alternative If there are 3 primary components in the illustration, 1 of the 3 components is this color.	Tertiary component

Color	Description	Functions
	Special tool Where the special tools or equipment are in an illustration, they are this color.	Pressure gauges, specified tools
	Parts that you move A component that you must move, and that is not necessary to remove from the machine.	Electrical wires, hydraulic hoses

Part number references

All parts that are supplied in the kit are referenced in the bill of materials.

Each part is added to a table in the installation steps, below is an example.

Number	Part number	Description	Quantity
(1)	X446235234000	Long key	5
(2)	X446234100000	Short key	2
(3)	653620031930	Shaft	1

- Number - As shown in the illustration
- Part number - Component part number
- Description - Component name
- Quantity - Number of components required for the step

1.1 Safety icons

The safety warnings show in the manual with these icons:



DANGER:

This is an immediately dangerous situation which, if you ignore it, will cause death or injury.



WARNING:

This is an immediately dangerous situation which, if you ignore it, can cause death or injury.



CAUTION:

This is an immediately dangerous situation which, if you ignore it, can cause injury.



Fig. 1

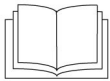
Secondary information

2 types of secondary information are shown when necessary.

IMPORTANT: *This identifies special instructions or procedures which, if not followed can cause damage to the machine. It might also cause damage to the process, or the area around the machine.*

NOTE: *Information to help you do the procedure, or help you to understand.*

1.2 Safety instructions



Make sure that you have the Operator's Manual for the machine you are to install the kit to. Read and obey all safety instructions in the Operator's Manual of the machine before you continue with these instructions

If you do not obey the instructions, there is a risk of injury.

In most conditions you can prevent injuries if you see dangerous situations before an injury occurs.

The person that installs this kit must be an approved technician and have the necessary tools.

Do not change the equipment. An adjustment not specified by the manufacturer can change the function of the machine and cause damage or personal injury.

Only use AGCO approved replacement parts.



WARNING:
To prevent injury and machine damage, you must:

- Use the Personal Protective Equipment (PPE) applicable to the task.
 - Eye protection
 - Hand protection
 - Foot protection
 - Ear protection.
- Park the machine on a solid level surface.
- Disengage the PTO, if installed.
- Set the transmission to park and apply the parking brake.
- Set the control console to OFF.
- Stop the engine and remove the key.
- Look and listen! Wait for the parts that move to stop before you start the work.
- Put wheel chocks in front of and behind the wheels before you do work on or below the machine.
- Remove or release all sources of energy, for example:
 - Disconnect the battery.
 - Release of pressure from a system.
 - Lock the parts that move.
- Clean the oil, dirt, and crop material from the area on the machine where you do the work.

Good safety procedures prevent accidents to you and each person near you.

1.3 Waste disposal

Incorrect disposal of waste can cause pollution to the environment. Some examples of dangerous waste materials include oil, fuel, coolant, battery chemicals and air-conditioning refrigerant.

- Only use an approved container to collect the waste material. Always seal the container after you drain the fluids.
- Do not drain or spill waste on the ground, down a water drainage system or into water sources.
- Air-conditioning refrigerant released into the air can cause damage to the environment. The local regulations recommend that only an approved technician removes and recycles the air-conditioning refrigerant.
- Obey pollution laws.
- Speak with the local authorities on the correct procedure to discard of the waste.

Recycling centres or approved dealers have the correct equipment for the disposal of used oil.

Do not discard material with this symbol in the general waste.

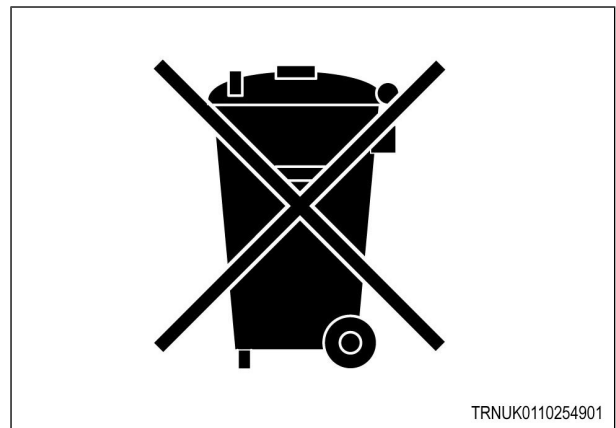


Fig. 2

Recycle used materials with this symbol.

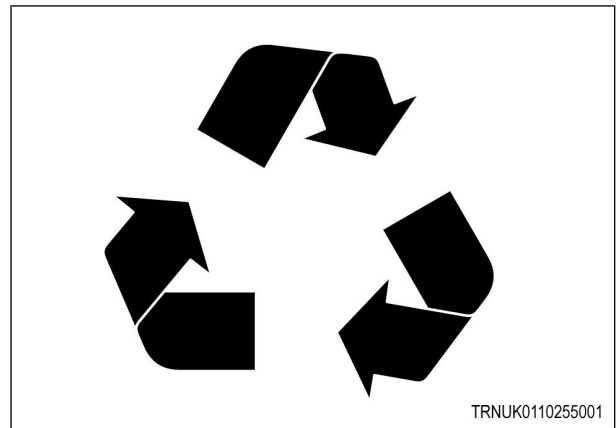
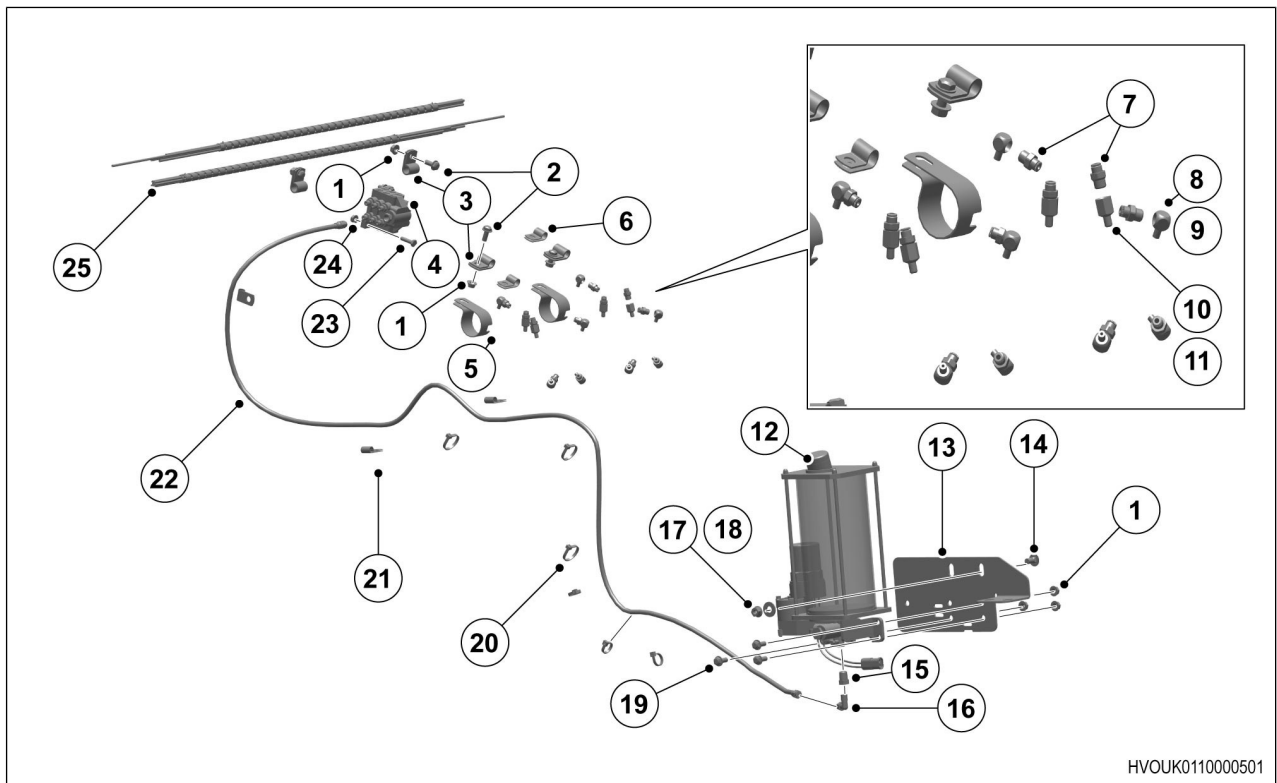


Fig. 3

2.1 Bill of materials



HVOUK0110000501

Fig. 1

Number	Part number	Description	Quantity
(1)	71432179	Nut - 5/16	7
(2)	7883325	Hex bolt - 5/16	4
(3)	751487	Clamp	4
(4)	ACW7600120	Valve body	1
(5)	ACW2775810	Clamp - Hesston knotters	2
(6)	70925617	Clamp - Rasspe knotters	2
(7)	ACW7600140	Lube fitting	12
(8)	700727927	Banjo union - Hesston knotters	8
(9)	ACX3318340	Banjo union - Rasspe knotters	8
(10)	700713414	Reducer fitting - Hesston knotters	4
(11)	ACX3318350	Reducer fitting - Rasspe knotters	4
(12)	700741900	Pump assembly	1
(13)	ACX3743780	Support plate	1
(14)	7700065	Carriage bolt - 3/8 x 3/4	1
(15)	ACX4459960	Union	1
(16)	ACX4461440	Elbow union	1
(17)	700711238	Nut - 3/8	1

Number	Part number	Description	Quantity
(18)	700702916	Washer wide - 3/8	1
(19)	7883333	Bolt - 5/16	3
(20)	7724347	Cable tie	6
(21)	700707010	Clamp	3
(22)	ACX4169270	Hose x 1750 mm	1
(23)	7703465	Hex bolt - 1/4	2
(24)	71432178	Nut - 1/4	2
(25)	ACW7600110	Tube	2

3.1 Install the lubrication kit



WARNING: The machine or parts can move without notification.

The parts that move can cause death or injury.

Before you do work on the machine:

If an implement is on the machine, lower the implement to the ground.

Stop the engine.

Remove the ignition key.

Disconnect the PTO shaft.



CAUTION: Personal Protective Equipment is mandatory.

This procedure can cause injury.

Put on Personal Protective Equipment when you do this procedure.

IMPORTANT: *Tighten the fasteners to the approved torque.*

Procedure

1. Open the cover.

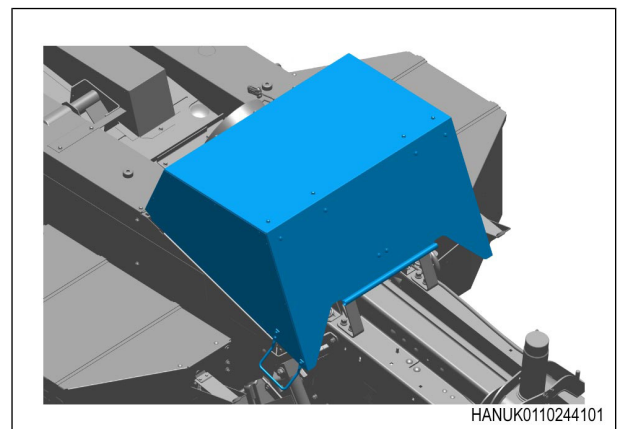


Fig. 1

2. Move the main harness to the side.

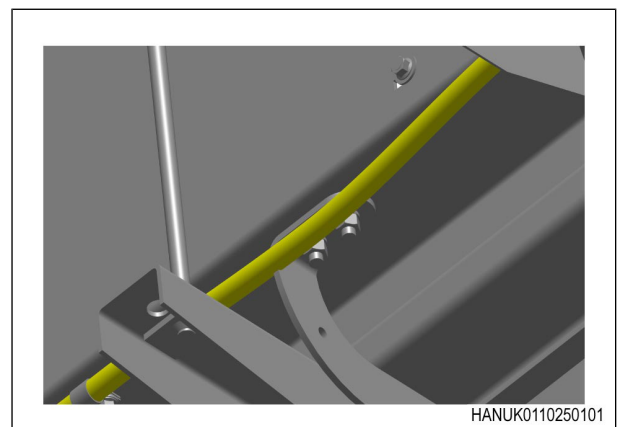


Fig. 2

- Remove the 2 existing fasteners.

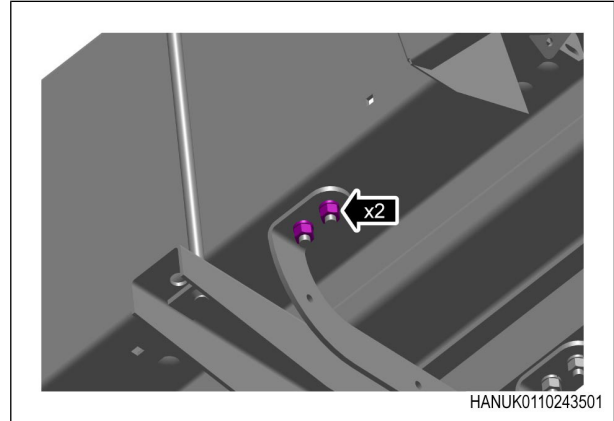


Fig. 3

- Install the support plate (1) to the baler with the bolt (4), washer (3) and nut (2).
- Install the existing fastener.

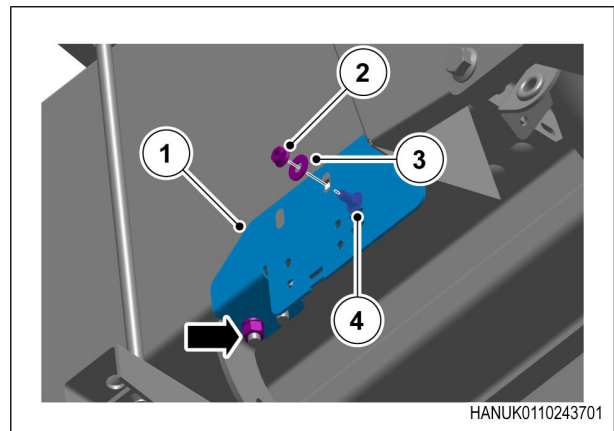


Fig. 4

Number	Part number	Description	Quantity
(1)	ACX3743780	Support plate	1
(2)	700711238	Nut - 3/8	1
(3)	700702916	Washer wide - 3/8	1
(4)	7700065	Carriage bolt - 3/8 x 3/4	1

- Attach the harness to the support plate with the clamp and existing fastener.

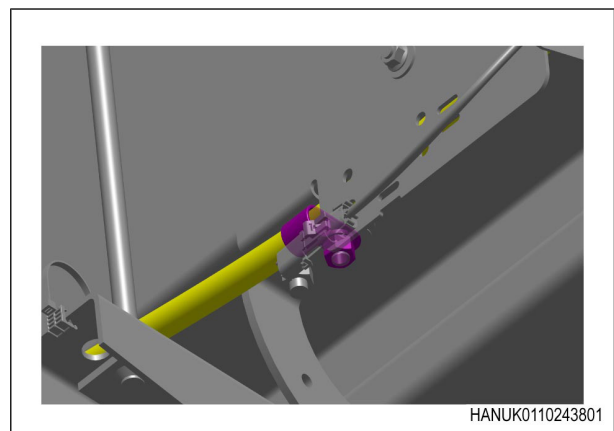


Fig. 5

7. Install the pump assembly (1) to the support plate with the bolt (3) and nut (2).

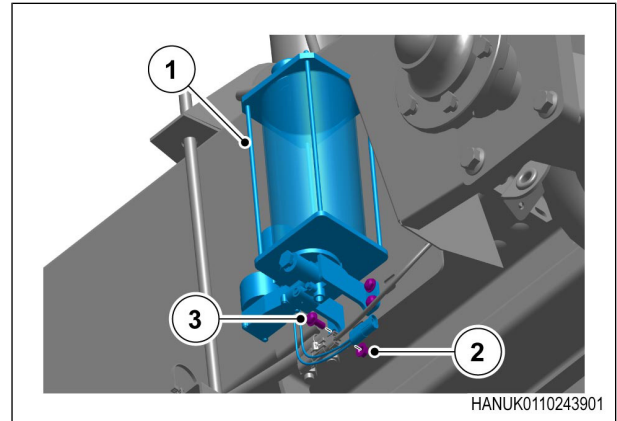


Fig. 6

Number	Part number	Description	Quantity
(1)	700741900	Pump assembly	1
(2)	71432179	Nut - 5/16	3
(3)	7883333	Bolt - 5/16	3

8. Apply a thin layer of threadlock compound to the thread of the elbow union (1).
9. Install the elbow union to the pump.

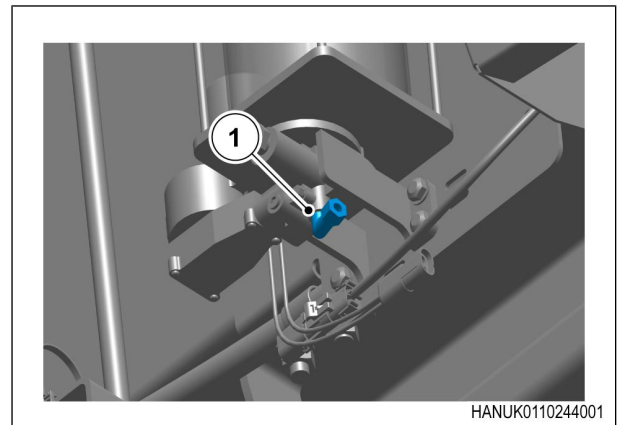


Fig. 7

Number	Part number	Description	Quantity
(1)	700728837	Elbow union	1

10. Move the harness into the correct position and then install the cable tie (1).

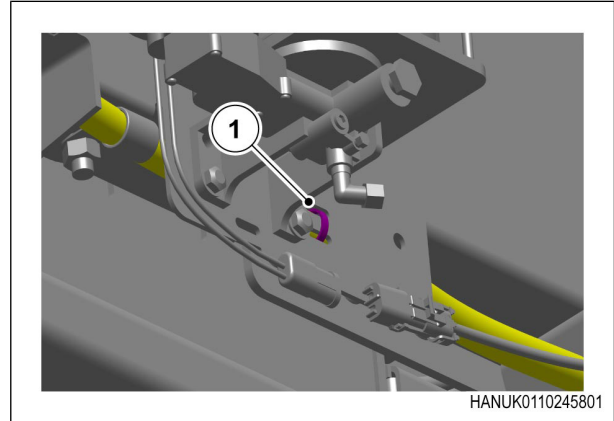


Fig. 8

Number	Part number	Description	Quantity
(1)	7724347	Cable tie	1

11. Connect the electrical connector.

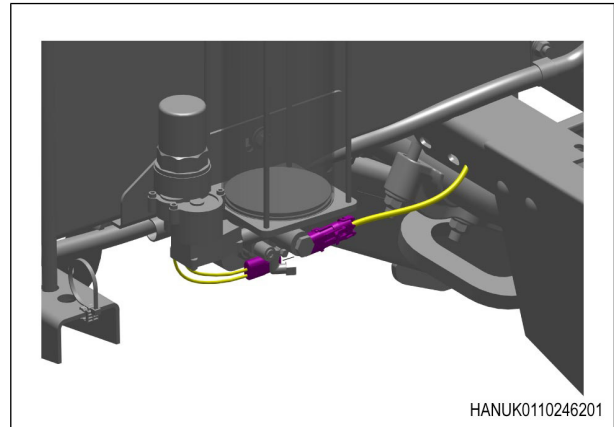


Fig. 9

12. Install the valve body (3) with the 2 bolts (2) and 2 nuts (1).

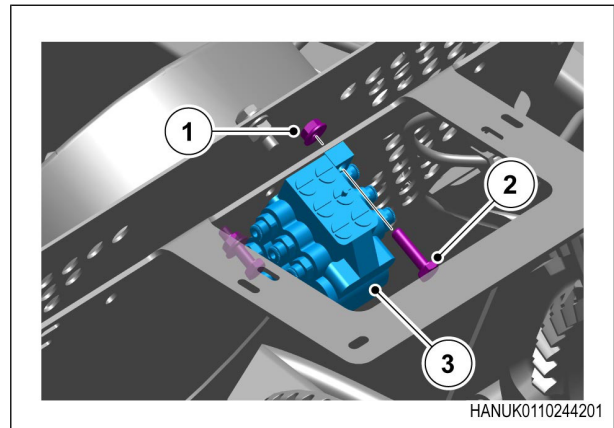


Fig. 10

Number	Part number	Description	Quantity
(1)	71432178	Nut - 1/4	2
(2)	7703465	Hex bolt - 1/4	2
(3)	ACW7600120	Valve body	1

13. Install the 1 tubes (1).

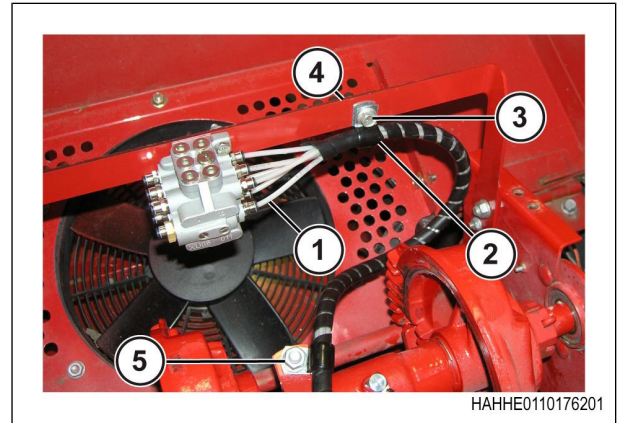


Fig. 11

Number	Part number	Description	Quantity
(1)	ACW7600110	Tube	1

14. Install the 1 tubes (1).

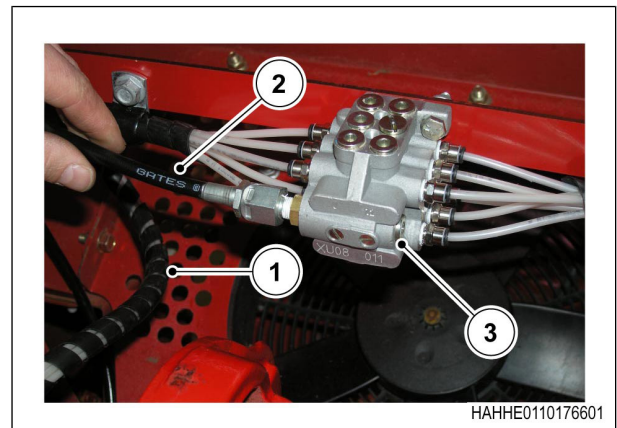


Fig. 12

Number	Part number	Description	Quantity
(1)	ACW7600110	Tube	1

15. **NOTE:** Only do step 15 for the Hesston knotters.
Install the 2 clamps (1).

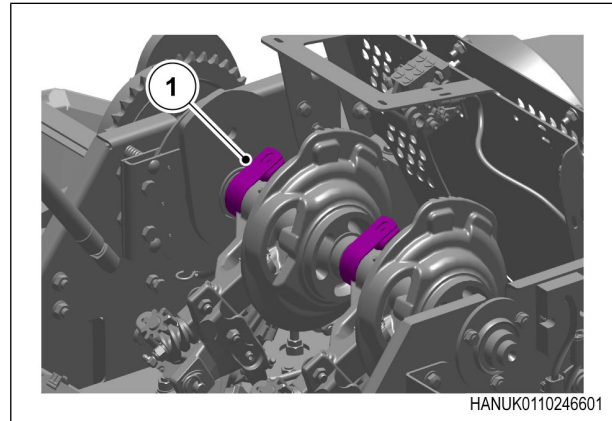


Fig. 13

Number	Part number	Description	Quantity
(1)	ACW2775810	Clamp - Hesston knotters	2

16. **NOTE:** Only do step 16 for the Hesston knotters.
Install the 4 clamps (3) with the 4 bolts (1) and the 4 nuts (2).

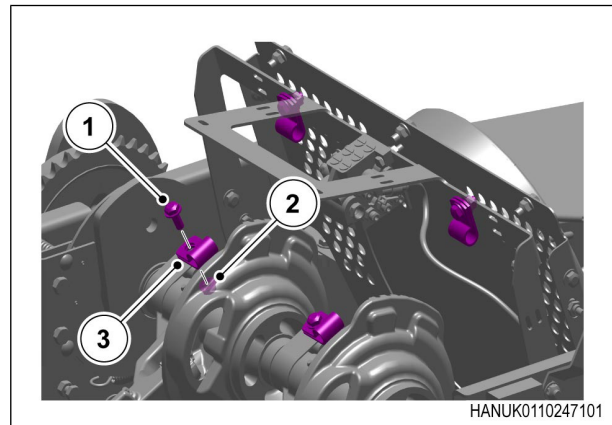


Fig. 14

Number	Part number	Description	Quantity
(1)	7883325	Hex bolt - 5/16	4
(2)	71432179	Nut - 5/16	4
(3)	751487	Clamp	4

17. **NOTE:** Only do step 17 for the Rasspe knotters.
Remove the fasteners (1).

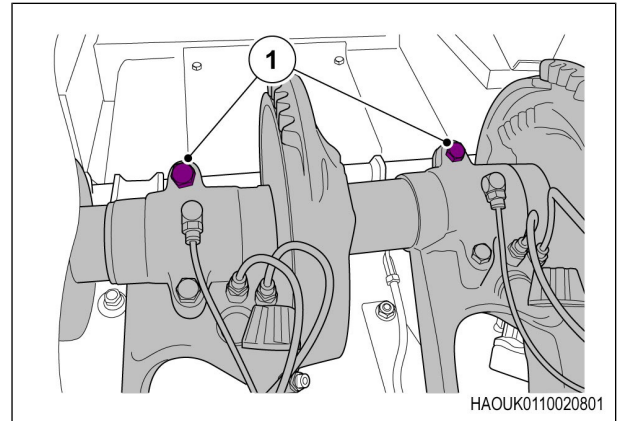


Fig. 15

18. **NOTE:** Only do step 18 for the Rasspe knotters.
Install the 2 clamps (1) with the 2 bolts (2).

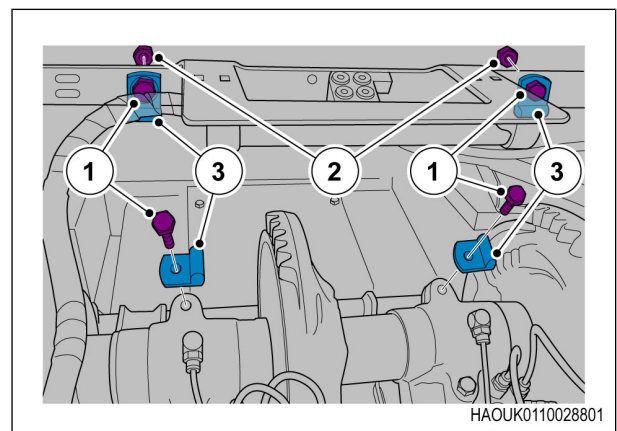


Fig. 16

Number	Part number	Description	Quantity
(1)	7883325	Hex bolt - 5/16	2
(2)	71432179	Nut - 5/16	2
(3)	70925617	Clamp - Rasspe knotters	2
(3)	751487	Clamp	2

- 19. NOTE:** Only do step 19 for the Hesston knotters (SAE threads).
Install the 4 reducer fittings (1) and the 12 lube fittings (2) with the 8 banjo unions (3).

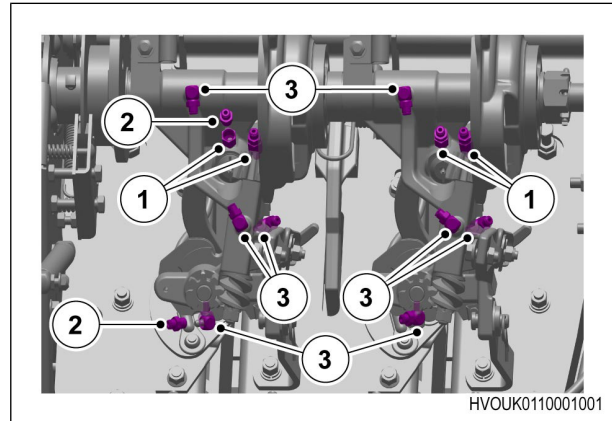


Fig. 17

Number	Part number	Description	Quantity
(1)	700713414	Reducer fitting - Hesston knotters	4
(2)	ACW7600140	Lube fitting	12
(3)	700727927	Banjo union - Hesston knotters	8

- 20. NOTE:** Only do step 20 for the Rasspe knotters (metric threads).
Install the 4 reducer fittings (1) and the 12 lube fittings (2) with the 8 banjo unions (3).

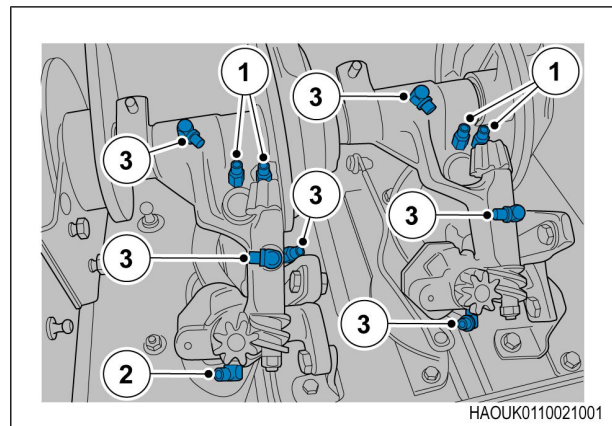


Fig. 18

Number	Part number	Description	Quantity
(1)	ACX3318350	Reducer fitting - Rasspe knotters	4
(2)	ACW7600140	Lube fitting	12
(3)	ACX3318340	Banjo union - Rasspe knotters	8

21. Connect the 2 tubes (1) to the correct lube fittings.

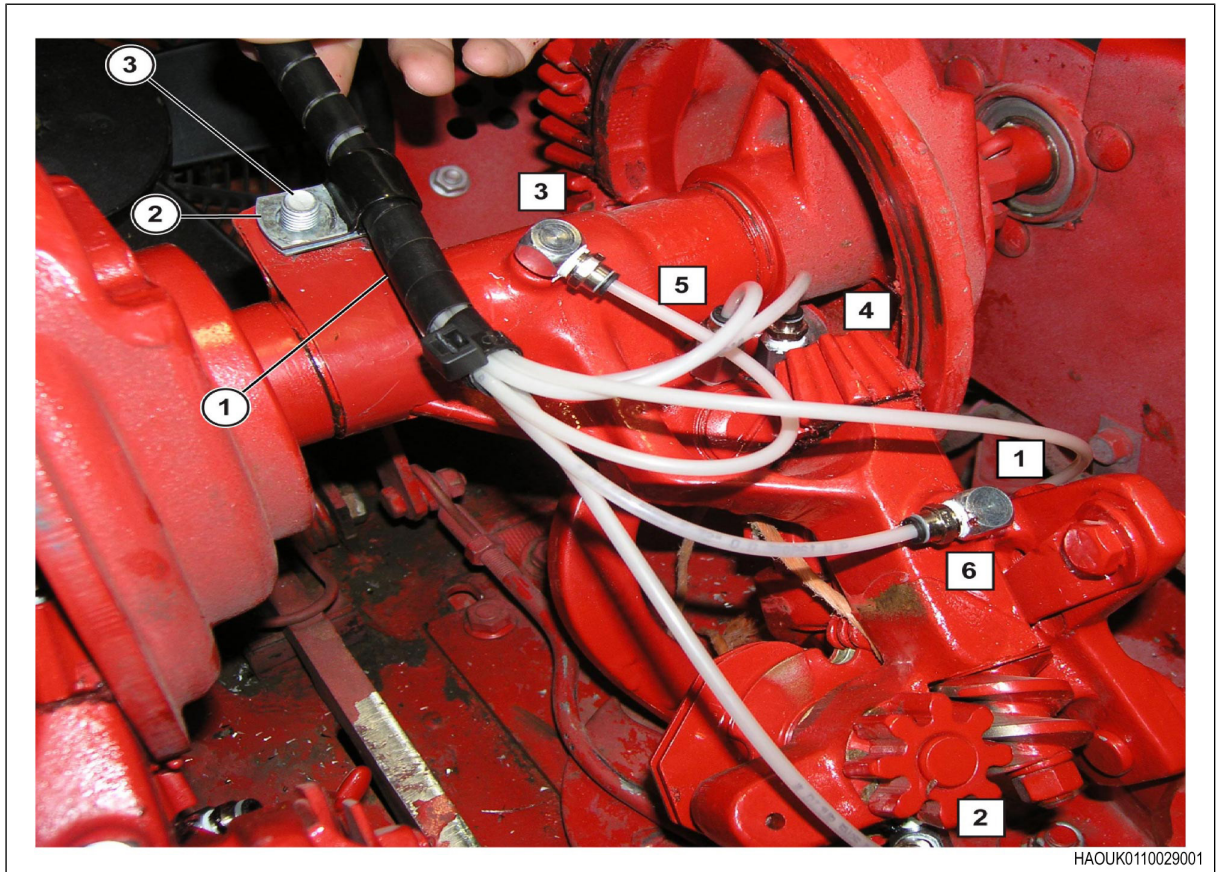


Fig. 19

22. Install the hose (1) and the 5 cable ties (2).

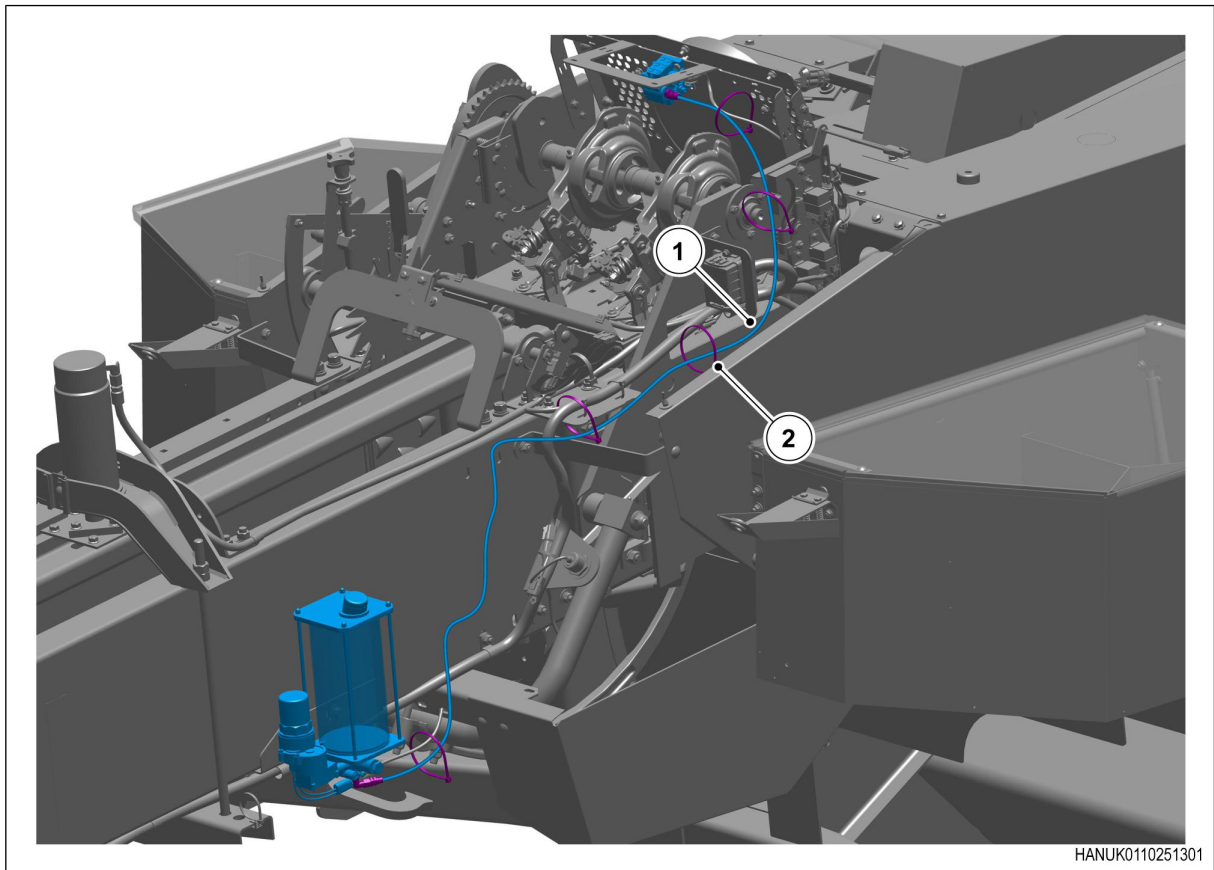


Fig. 20

Number	Part number	Description	Quantity
(1)	ACX4169270	Hose x 1750 mm	1
(2)	7724347	Cable tie	5

23. Remove the 3 existing bolts and the 3 nuts .

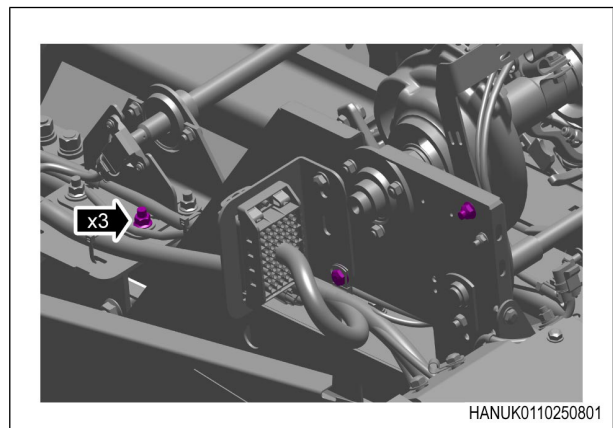


Fig. 21

24. Move the hose into the correct position and then install the 3 clamps (1) with the 3 existing bolts and the 3 nuts.

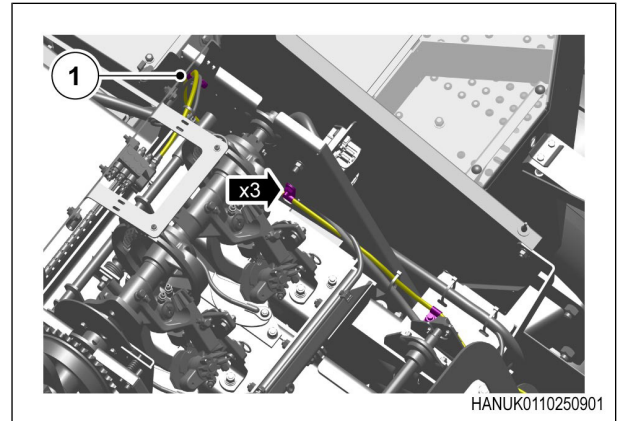


Fig. 22

Number	Part number	Description	Quantity
(1)	700707010	Clamp	3

After finishing the procedure

- Fill the lube pump reservoir with 15W-40 of engine oil.
- Turn the tractor key to On position and then make sure that the Ag CoPilot monitor is connected.
- Operate the lube pump with the CAN keypad on baler and then do a check of the lube lines for any leaks.
- Make sure that all the lube connections on the knotter have a flow of oil.
- Use the the Ag CoPilot monitor to adjust the knotters lube interval and duration to the desired settings.

