3406
3408
3412
3416
3418

Corn Head

OPERATOR'S MANUAL

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CASE IH AGRICULTURE

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4 - WORKING OPERATIONS

GENERAL INFORMATION

Operation

⚠ WARNING ⚠

ALWAYS shut OFF engine, remove the key and engage header or feeder safety locks in position on lift cylinder before working under or around header or feeder. Failure to comply could result in death or serious injury.

M1540

⚠ WARNING ⚠

Always replace or close all shields after making repairs, adjustments, or after lubricating. Shields are for your protection. Keep them in place! Failure to comply could result in death or serious injury.

M1101

⚠ WARNING ⚠

Stay clear! Be sure other persons and domestic animals are clear of the machine before starting the engine. Always sound horn to alert others. Failure to comply could result in death or serious injury.

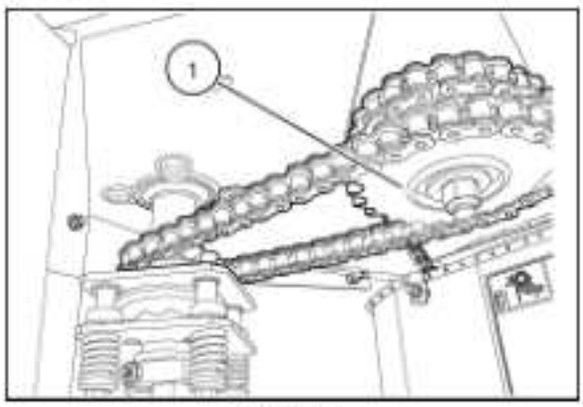
M1543

- After the header has been assembled and the Pre delivery checklist performed, the header is ready for field operation.
- Be sure all safety shields are in place and secured properly.
- To efficiently harvest corn, the combine base unit and feeder should be properly adjusted to the recommended settings. Recommended feeder front drum, stone trap, rotor speeds, concave settings, cleaning fan speeds, sieve sizes, and installing additional parts for corn operation are detailed in the operator's manual for the combine being used.
- Regardless of crop condition, crop loss can be kept to a minimum by good operating habits and careful adjustments. Be sure the head is adjusted properly to handle the crop and conditions before making final adjustments to the combine. A poorly adjusted head will lead to poor combine performance and increased crop loss.
- Correct ground speed is primarily determined by crop condition, yield, combine capacity and the operator's knowledge and experience.
- Pick rows of corn as they were planted so it will not be necessary to pick odd or "guess rows. Some crop loss can be attributed to not following the rows as they were planted. Operate the corn head only as low as needed to pick all the ears from the stalk. Operating too low will possibly bring in excess trash, stones, and other foreign objects. Operating the head too high will result in ears being left on stalks and result in poor after-cut or residue management.
- Adjust the divider points and deck plates to suit the operating and crop conditions (see the sections of this manual concerning divider point and deck plate adjustment). Have row unit speeds set properly for the crop condition and ground speed at which the combine normally travels. Drive the combine carefully so the corn head row units will stay on the rows.

Auger Speeds

A two speed auger drive is standard on 2006 model year headers and newer, and available as an option on earlier units.

High and low speed settings are achieved by loosening the chain tension and reversing the sprocket **(1)**. For low speed, install the smaller sprocket closer to the end sheet. For high speed, install the larger sprocket closer to the end sheet.



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5 - MAINTENANCE

GENERAL INFORMATION

General Maintenance - Lubrication

Adequate lubrication and maintenance on a regular schedule is vital to maintaining your equipment. To ensure long service and efficient operation, follow the lubrication and maintenance schedules outlined in this manual. The use of proper oils and grease, as well as keeping the systems clean, will also extend machine and component life.

NOTICE: *Always use genuine CASE IH lubrication products, to ensure proper operation and service life.*

See your CASE IH dealer for all your lubrication needs.

GENERAL INFORMATION

Regular lubrication is the best insurance against delays and repairs. Proper lubrication will extend machine life. Refer to the following charts for lubricants and service intervals.

The intervals listed in the Lubrication Chart are guidelines to be used when operating in normal conditions. Adjust the intervals for operating in adverse environmental and working conditions. The intervals should be shortened for sandy, dusty, heavy load and extremely hot operating conditions.

NOTICE: *Failure to complete the required maintenance at the recommended intervals can cause unnecessary downtime.*

Always clean the area around dipsticks, fill caps, and check plugs when checking fluid levels. Failure to clean these areas may allow contamination to enter the system. Drain, flush and refill the system anytime you suspect it is contaminated.

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7 - SPECIFICATIONS

Machine Specifications

Model	Row Spacing	Weight	Width	Total Number Lube Fittings
3406R30	762 mm (30 in)	1893 kg (4173 lb)	4824 mm (190 in)	18
3406R36	914 mm (36 in)	2155 kg (4751 lb)	5645 mm (222 in)	18
3406R38	965 mm (38 in)	2155 kg (4751 lb)	5848 mm (230 in)	18
3408R22	559 mm (22 in)	2209 kg (4870 lb)	4724 mm (186 in)	27
3408R30	762 mm (30 in)	2585 kg (5699 lb)	6356 mm (250 in)	27
3408R36	914 mm (36 in)	2828 kg (6235 lb)	7511 mm (296 in)	28
3408R38	965 mm (38 in)	2828 kg (6235 lb)	7780 mm (306 in)	28
3408R70	700 mm (28 in)	2528 kg (5573 lb)	5848 mm (230 in)	22
3412R20	508 mm (20 in)	3196 kg (7046 lb)	6350 mm (250 in)	35
3412R22	559 mm (22 in)	3298 kg (7271 lb)	6960 mm (274 in)	36
3412R30	762 mm (30 in)	3742 kg (8250 lb)	9404 mm (370 in)	36
3416R30	762 mm (30 in)	5035 kg (11100 lb)	11989 mm (472 in)	40
3418R20	508 mm (20 in)	4881 kg (10760 lb)	9652 mm (380 in)	42

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(5)
Warning
Slippery surface
Do not use this area as a step or platform
Failure to comply could result in death or serious injury.

- English **86611825**
- French **86614084**
- Spanish **86624655**



(6)
Warning
Shield is open stand clear replace or close shield before operating machine.
Failure to comply could result in death or serious injury.

- English **86626959 J**
- French **86624741**
- Spanish **86624653**



(7)
Warning
Moving parts under this cover. do not open cover while operating.
Failure to comply could result in death or serious injury.

- English **86626958**
- French **86626961**
- Spanish **86626962**



(8)
WARNING
Stop corn head drive and shut off engine before unclogging rolls.
Rolls and gathering chains move faster than you can release stalks.
Failure to comply could result in death or serious injury.

- English **86611823**
- French **86614082**
- Spanish **86624654**



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