

OPERATIONS & SAFETY MANUAL

EFFECTIVE 1 JULY 2020 VERSION V

WALSH & FORD

----- Established 1949 -----

BULK HANDLING SPECIALISTS

**GRAIN BUGGIES
GRAIN HAUL OUT BINS
2/4 ROW CROP BINS**

REPLACES VERSION 2017 VERSION IV

PETER WALSH INVESTMENTS PTY. LTD.
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WALSH & FORD WEBSITE

www.walshandford.com.au

N.B. Owners/Operators of models prior to april 2017 are advised to update safety requirements as per description in this document. Additional detailed photos are included on the website under manuals images/Buggies Bins.

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1. INTRODUCTION

TO THE CUSTOMER,
IN THIS BRIEF INTRODUCTION TO YOUR NEW **WALSH & FORD** PRODUCT, WE WOULD LIKE TO ACKNOWLEDGE SAFETY AS YOUR NUMBER ONE PRIORITY IN THE USE OF ANY AGRICULTURAL PRODUCT WHETHER IT BE **WALSH & FORD** OR ANY OTHER SUPPLIER.

TAKE NOTE OF ANY RECOMMENDATIONS WE ADVISE IN THE SAFE USE OF ANY EQUIPMENT, AND PLEASE INDUCT ANY WORKERS / CONTRACTORS OF THEIR RESPONSIBILITY AND SAFETY IN THE USE OF THIS UNIT. ENSURE THAT THEY SIGN OFF AS A MATTER OF RECORD IN THIS BOOKLET. NOTE THIS DOCUMENT SHOULD BE USED IN CONJUNCTION WITH MANUAL PHOTOS ON THE WEBSITE.

BE SAFE ! THINK SAFE ! AND CARE FOR YOUR WORKERS!

PETER WALSH

SERIAL NUMBER OF UNIT

THIS DOCUMENT HAS BEEN ATTACHED TO THE UNIT OR PROVIDED BY AGENT (RESELLER). WE REQUEST YOU ACKNOWLEDGE THIS BY RETURNING THE PRE-PAID ENVELOPE WITH THE SIGNED ACKNOWLEDGMENT FORM,. LAST PAGE IN THIS DOCUMENT. FAILURE TO DO SO WILL RESULT IN ALL LIABILITY ONUS UPON YOU, AND NIL WARRANTY ON PRODUCT.

WE AIM TO CONFORM TO THE AUSTRALIAN STANDARDS:-

AS/NZS	1554.1.2004	STRUCTURAL STEEL WELDING
AS	4024.1-1996	SAFEGUARDING OF MACHINERY
AS	1121-1983	GUARDS FOR AGRICULTURAL PTO DRIVES
AS	1755-2000	CONVEYORS SAFETY REQUIREMENTS

SIGN OFF FORM

[illegible]

2. SAFETY - GRAIN BUGGIES / GRAIN HAUL OUT BINS

- KEY POINTS -
- A. SAFETY COMES FIRST.
 - B. SAFETY OF OTHERS IS IMPERATIVE.
 - C. IT IS YOUR RESPONSIBILITY TO KNOW THE OPERATIONAL REQUIREMENTS OF THE UNIT AND TO ADVISE OTHERS IN YOUR CARE.
 - D. IT WILL BE CONSIDERED AS MISUSE OF THE EQUIPMENT IF YOU, THE OPERATOR, ARE UNFAMILIAR WITH THE SAFETY OPERATION AND ITS ORIGINAL INTENTION OF USE.

- 2.1 FAILURE TO READ THESE INSTRUCTIONS AND FAILURE TO ACKNOWLEDGE THEM IS CONSIDERED AS MISUSE OF THE PRODUCT.
- 2.2 DO NOT OPERATE UNIT WITHOUT SAFETY GUARDS ATTACHED OR OPEN.
- 2.3 DO NOT REMOVE ANY PROTECTIVE MEASURES FOR ANY REASON.
- 2.4 KEEP PEOPLE WHO ARE NOT INDUCTED IN THE USE AND SAFETY MEASURES AWAY FROM THE UNIT AT ALL TIMES BY A MINIMUM PHYSICAL DISTANCE EQUAL TO THE SIZE OF THE MACHINE. CHILDREN AT ALL TIMES ARE NOT ALLOWED IN THE VICINITY AS DESCRIBED ABOVE.
- 2.5 ENSURE BODY / LIMBS / HANDS / FEET / CLOTHING ARE CLEAR OF DRIVE LINE, AS WELL AS PULLEYS AND BELTS.
- 2.6 KEEP WELL CLEAR OF OVERHEAD ELECTRICAL HAZARDS AND POLES.
- 2.7 KEEP TYRE PRESSURE AT CORRECTLY INFLATED LEVELS (CHECK WITH LOCAL TYRE DEALERS IN YOUR AREA FOR INFLATION LEVELS, RELATIVE TO YOUR CONDITIONS).
- 2.8 ENSURE DRIVE LINE SYSTEMS HAVE DRIVE LINE SHIELDS WHICH TURN FREELY ON DRIVE LINES.
- 2.9 ENSURE DRIVE LINE SHIELDS ARE IN PLACE AT ALL TIMES.
- 2.10 DO NOT OPERATE MACHINES WITHOUT DRIVE LINES SECURED TO MACHINE AND DRIVE UNIT.
- 2.11 DO NOT MODIFY ANY PROTECTIVE MEASURES.
- 2.12 DO NOT CLIMB UPON THE BIN WHILST IN OPERATION.
- 2.13 DO NOT CLIMB UPON BIN WHILST ATTACHED TO A TRACTOR, OR ATTEMPT TO RIDE ON UNIT WHILE IN USE.
- 2.14 DO NOT ENTER BIN WITHOUT DISENGAGEMENT FROM TRACTOR AND TRACTOR DRIVE SYSTEM.
- 2.15 IN STEPS 2.1.12, 2.1.13, 2.1.14 ENSURE USE OF SAFETY HARNESS IN ALL APPLICATIONS.
- 2.16 KEEP CLEAR OF BIN BY A MINIMUM PHYSICAL DISTANCE EQUAL TO THE SIZE OF THE BIN.
- 2.17 DO NOT CLEAN / ADJUST / LUBRICATE THE BIN WHEN IT IS RUNNING OR MOVING.
- 2.18 DO NOT REACH UNDER BIN WHILE IT IS IN OPERATION.

2. SAFETY - GRAIN BUGGIES / GRAIN HAUL OUT BINS

- 2.19 SELECTION OF TRACTOR SIZE IS IMPORTANT TO THE CHARACTERISTICS AND PERFORMANCE OF A) TOWING AND B) PERFORMANCE. CHECK WITH YOUR SUPPLIER OF THE TRACTOR TO CONFIRM ITS ABILITY TO BE ABLE TO TOW UNIT AND CHECK WITH WALSH & FORD FOR TRACTOR HP TO ASSESS ITS ABILITY TO POWER UNIT.
- 2.20 DISABLE TRACTOR VIA REMOVING KEY FROM CAB IGNITION IF UNIT IS COUPLED TO TRACTOR AND NOT IN USE.
- 2.21 ENSURE RISK ASSESSMENT IS COMPLETED PRIOR TO USE.

3. ASSEMBLY - GRAIN BUGGIES / GRAIN HAUL OUT BINS

- KEY POINTS -
- A. SAFETY COMES FIRST.
 - B. THE AGENT OR DEALER IS RESPONSIBLE FOR COMMISSION/ASSEMBLY
 - C. **WALSH & FORD** CAN ASSEMBLE AND COMMISSION IF REQUIRED (COSTS WILL OCCUR)

3.1 GRAIN HAUL OUT BINS

- 3.1.1 MACHINES ARE FACTORY RUN FOR DRIVE PERFORMANCE AND HYDRAULIC FUNCTIONS, AND ARE FACTORY SET.
- 3.1.2 TRACTOR DRIVE FROM ITS P.T.O. TO BIN WILL REQUIRE SHORTENING DUE TO SIZE OF YOUR TRACTOR. ENSURE SHIELDS ARE REPLACED AFTER MODIFICATION.
- 3.1.3 FOR TRANSPORT, AUGER DISCHARGE CHUTE IS REMOVED DUE TO HEIGHT RESTRICTIONS. USE LADDER PLATFORM ACCESS TO PLACE CHUTE ON UNIT, USING BOLTS SUPPLIED
- 3.1.4 REMOVE HORIZONTAL SLIDE AT BASE OF BIN BEFORE USE, LUBRICATE WITH DIESEL OIL AND REINSERT. ENSURE THIS IS DONE SEASONALLY TO GUARANTEE SLIDE ACTION IS FREE.
- 3.1.5 ASSEMBLE GRAIN CHUTE TO SIDE OF AUGER FOR DISCHARGE TO HOPPER.
- 3.1.6 TO OPEN MODELS WITH ROLL OVER TARP PLACE ONE HAND ON PIPE AND THE OTHER ON HANDLE. TURN ANTI-CLOCKWISE TO OPEN UP. TO TARP UP, WIND CLOCKWISE AND CONTINUE UNTIL TARP BECOMES TIGHT DUE TO ROTATION AROUND SHEET EDGE. PLACE HANDLE IN CRADLE ATTACHED TO LADDER. ENSURE DUST IS PERIODICALLY REMOVED FROM TARP SURFACE.

3.2 GRAIN BUGGIES

- 3.2.1 MACHINES ARE FACTORY RUN FOR DRIVE PERFORMANCE AND HYDRAULIC FUNCTIONS, AND ARE FACTORY SET.
- 3.2.2 P.T.O. LENGTH WILL BE CORRECT LENGTH AS STANDARD MACHINE. CHECK FOR FITTING TO DRIVE POINTS, ENSURE DRIVE GUARDS MOVE FREELY.
- 3.2.3.1 FOR SEED / FERT. OPTION - ASSEMBLE 9" TO 5" REDUCERS / 11" TO 8" REDUCERS ON GROUND AND SHORTEN PVC LENGTHS TO ALLOW FOR HEIGHT REQUIREMENTS AT AIR SEEDER / COMBINE.
- 3.2.3.2 FOR SEED / FERT. OPTION- MOUNT REDUCER TO END OF AUGER AND USE CLIP TO FASTEN BARREL.
- 3.2.3.3 FOR SEED / FERT. OPTION- FOLD OVER AUGERS VIA HYDRAULICS
- 3.2.3.4 FOR SEED / FERT. OPTION- ENSURE HYDRAULIC DOOR SHUT OFF RAMS ARE DISENGAGED FROM MANUAL DOOR.
- 3.2.3.5 FOR SEED / FERT. OPTION- ACTIVATE DOOR FROM GROUND TO TEST FREE MOVEMENT.

4. TRANSPORT - GRAIN BUGGIES / GRAIN HAUL OUT BINS

- KEY POINTS -
- A. SAFETY COMES FIRST.
 - B. KNOW YOUR STATE'S TRANSPORT REQUIREMENTS.
 - C. BE AWARE OF ELECTRICAL HAZZARDS.
 - D. USE APPROPRIATE TRANSPORT AS REQUIRED IE.
DISMANTLE UNIT FOR TRANSPORT IF UNIT DOES NOT
CONFORM TO STATE REQUIREMENTS.
-
- 4.1 TOWING BY ROAD - ENSURE PIN IS SOUND FOR JOB IE. DIAMETER OF TONGUE HOLE AND ENSURE CHAINS ARE USED.
 - 4.2 ON FIELD - AS ABOVE.
 - 4.3 HIGHWAY TRANSPORT - IF OVERSIZED ENSURE APPROPRIATE FLAGS IN ALL CORNERS OF BIN, OVERSIZE SIGN AND FLASHING LIGHTS ARE IN PLACE AS PER STATE REQUIREMENTS.
 - 4.4 TOW AT SPEEDS ALLOWED AS PER STATE REQUIREMENTS, AND LOWER SPEEDS IF ROAD CONDITIONS DETERIORATE.
 - 4.5 ENSURE YOU USE A PILOT VEHICLE IF EXCESS DIMENSIONS PREVAIL.
 - 4.6 BE ALERT FOR OVERHEAD CABLES.
 - 4.7 THESE UNITS ARE OVERSIZE – ENSURE ALWAYS TO ADHERE TO ON ROAD TRANSPORT REQUIREMENTS IN ALL STATES AND TERRITORIES.

5. SET UP UNIT FOR WORK - GRAIN BUGGIES / GRAIN HAUL OUT BINS

- KEY POINTS -
- A. SAFETY COMES FIRST.
 - B. KNOW THE AREA AND CONDITIONS YOU ARE TO WORK IN.
 - C. FORMULATE JOB SAFETY AND ENVIRONMENTAL ANALYSIS WORKSHEET FOR UNIT'S INTENDED USE.

5.1 GRAIN HAUL OUT BINS - OPERATIONAL CHECK

- 5.1.1 CLEAR AREA OF UNAUTHORIZED PEOPLE
- 5.1.2 ATTACH PULL TO TRACTOR. LIFT JACK. ATTACH CHAIN.
- 5.1.3 CONNECT HYDRAULIC HOSES.
- 5.1.4 CONNECT P.T.O. ENSURING ALL GUARDS ARE FITTED AND P.T.O. SHIELD MOVE'S FREELY.
- 5.1.5 INSPECT UNIT TO ENSURE ALL GUARDS ARE IN PLACE AND FIRMLY SECURE.
- 5.1.6 AGAIN CHECK AREA FOR UNAUTHORIZED PEOPLE.
- 5.1.7 START TRACTOR AND REMAIN IN TRACTOR.
- 5.1.8 PERFORM SYSTEM CHECK
 - 1. RUN AUGER AT SLOW RPM.
 - 2. OPEN / CLOSE HYDRAULIC SLIDES.
 - 3. FOLD AUGER ETC.
- 5.1.9 IF ANY CHECKS REQUIRE MAINTENANCE WORK, TURN OFF TRACTOR, DISENGAGE P.T.O., DISABLE TRACTOR IGNITION, ENGAGE HAND BRAKE AND PERFORM SERVICE.
- 5.1.10 ONCE SYSTEM CHECK IS OK, ENSURE BIN SHUT OFF SLIDES ARE SELECTED AT CLOSED POSITION.
- 5.1.11 UNIT IS READY TO RECEIVE PRODUCT.
- 5.1.12 BEFORE USE CHECK TYRE PRESSURE AND INFLATE TO PRESSURE ADVISED BY LOCAL TYRE DEALER SUITABLE TO YOUR AREA / DISTRICT.
- 5.1.13 DO NOT USE UNIT FOR ANY OTHER PURPOSE THAN WHAT IT IS INTENDED FOR.

5. SET UP UNIT FOR WORK - GRAIN BUGGIES / GRAIN HAUL OUT BINS (CONT.)

- KEY POINTS -
- A. SAFETY COMES FIRST.
 - B. KNOW THE AREA AND CONDITIONS YOU ARE TO WORK IN.
 - C. FORMULATE JOB SAFETY AND ENVIRONMENTAL ANALYSIS WORKSHEET FOR UNIT'S INTENDED USE.

5.2 GRAIN BUGGIES - OPERATIONAL CHECK

- 5.2.1 CLEAR AREA OF UNAUTHORIZED PEOPLE
- 5.2.2 ATTACH PULL TO TRACTOR. LIFT JACK.
- 5.2.3 CONNECT HYDRAULIC HOSES.
- 5.2.4 CONNECT P.T.O. ENSURING ALL GUARDS ARE FITTED AND P.T.O. SHIELD MOVE FREELY.
- 5.2.5 INSPECT UNIT TO ENSURE ALL GUARDS ARE IN PLACE AND FIRMLY SECURE.
- 5.2.6 FOR USE AS SEED / FERT UNIT - USE YOUR APPROPRIATE SAFETY LADDER / PLATFORM SYSTEM TO ATTACH CHUTES TO END OF AUGERS. CHECK DOOR OPENING SYSTEM.
- 5.2.7 FOR USE WITH HOPPER, DISCHARGE DOORS / CHUTES. USE YOUR APPROPRIATE SAFETY LADDER / PLATFORM SYSTEM TO ATTACH COMPONENTS.
- 5.2.8 FOR UNITS THAT HAVE P.T.O. / HYDRAULIC DRIVE
 - A. P.T.O. USE - ENSURE CHAIN IS REMOVED FROM SPROCKET, ASSEMBLE BEHIND GEAR BOX AND STORE. DO NOT RUN AT HIGH REVS AS GEAR BOX IS A MULTIPLIER FOR THE HYDRAULIC MOTOR.
 - B. HYDRAULIC USE - ENSURE P.T.O. DRIVE LINE FROM TRACTOR IS REMOVED AND SAFELY STORED. PLACE ON CHAINS. CHECK DIRECTION BY LOOKING AT AUGER PULLEY FOR ANTI-CLOCKWISE DIRECTION. THIS IS THE CORRECT WAY. PERFORMANCE WILL VARY WITH TRACTOR OIL DELIVERY.
- 5.2.9 AGAIN CHECK FOR ANY AUTHORIZED PEOPLE.
- 5.2.10 START TRACTOR AND REMAIN IN TRACTOR.
- 5.2.11 PERFORM SYSTEM CHECK
 - 1. RUN AUGER AT SLOW RPM
 - 2. OPEN / CLOSE HYDRAULIC SLIDES
 - 3. FOLD AUGERS ETC.
- 5.2.12 IF ANY CHECKS REQUIRE MAINTENANCE WORK, TURN OFF TRACTOR, DISENGAGE P.T.O., DISABLE TRACTOR IGNITION, ENGAGE HAND BRAKE AND PERFORM SERVICE.
- 5.2.13 ONCE SYSTEM CHECK IS OK, ENSURE BIN SHUT OFF SLIDES ARE SELECTED AT CLOSED POSITION.
- 5.2.14 UNIT IS READY TO RECEIVE PRODUCT.
- 5.2.15 BEFORE USE CHECK TYRE PRESSURE AND INFLATE TO PRESSURE ADVISED BY LOCAL TYRE DEALER SUITABLE TO YOUR AREA / DISTRICT.
- 5.2.16 DO NOT USE UNIT FOR ANY OTHER PURPOSE THAN WHAT IT IS INTENDED FOR.

6. OPERATION

- KEY POINTS - A. SAFETY COMES FIRST.
 B. BE AWARE OF OPERATIONAL CHECK

6.1 GRAIN HAUL OUT BIN

- 6.1.1 ENSURE SHUT OFFS ARE CLOSED.
- 6.1.2 MOVE UNIT AT SPEED APPROPRIATE TO CONDITIONS AND MAXIMUM TYRE PRESSURE LEVEL LOAD RATING (CHECK WITH TYRE DEALER FOR RATING).
- 6.1.3 ALLOW EVEN FILL OF GRAIN TO UNIT FROM HEADER.
- 6.1.4 PEEL AWAY FROM HEADER IN WIDE ARC WHILST UNDER LOAD. LOWER SPEEDS TO ACKNOWLEDGE SURFACE CONDITIONS ETC.
- 6.1.5 TO DISCHARGE, LINE UP UNIT TO MOTHER BIN, SILO OR AUGER HOPPER.
- 6.1.6 FOLD OVER AUGER, ENGAGE P.T.O., INCREASE REVS TO DESIRED AMOUNT. SLOWLY OPEN SHUT OFF DOORS.
- 6.1.7 REGULATE FEED VIA SHUT OFF DOORS.
- 6.1.7.1 UNITS WITH TWO SHUT OFFS OPEN NO.1 FIRST. OPEN NO. 2 ON DECREASE OF GRAIN FLOW UNTIL EMPTY.
- 6.1.7.2. TWO SHUT OFF SYSTEM WORKS BY EVENLEY DROP OF GRAIN LEVEL IN BIN. IF NO MASS OF GRAIN AT FRONT WALL OF BIN SIGNLS END OF DELIVERY
- 6.1.8 ENSURE DOORS ARE SHUT OFF BEFORE MOVING UNIT OFF FOR RECIVAL.
- 6.1.9 DISENGAGE AUGER SYSTEM.
- 6.1.10 FOLD OVER AUGER.
- 6.1.11 MOVE BACK TO HEADER TO RECEIVE PRODUCT.

6.2 GRAIN BUGGY (WORKING AS GRAIN HAUL OUT BIN)

- 6.2.1 ENSURE SHUT OFFS ARE CLOSED. ENGAGE HYDRAULICS.
- 6.2.2 AS PER GRAIN HAUL OUT BIN OPERATIONAL INSTRUCTIONS.

6.3 GRAIN BUGGY SEED/ FERT. UNIT

- 6.3.1 ENSURE SHUT OFFS ARE CLOSED AND HYDRAULIC SHUT OFF DOOR RAMS RETRACTED.
- 6.3.2 FILL COMPARTMENTS WITH SEED / FERT. TO RATIOS THAT ARE COMPARABLE TO PLANTING.
- 6.3.3 FRONT UNIT FOR FERTILIZER DUE TO ITS HIGHER DENSITY THAN SEED.
- 6.3.4 APPROACH AIR SEEDER / COMBINE WHERE IT ALLOWS CHUTE TO BE DIRECTLY UNDER RECEIVAL POINTS.
- 6.3.5 RUN TRACTOR AT LOW RPM.
- 6.3.6 POSITION CHUTES TO DELIVER PRODUCT.
- 6.3.7 ACTIVATE LEVELS WITH MARGINAL INCREMENTS TO ALLOW PRODUCT DELIVERY. NOTE SETTINGS ON LEVER ARM, AND P.T.O. REVS FOR FUTURE REFERENCE.
- 6.3.8 DO NOT FULLY OPEN DOORS AS THIS WILL ONLY JAM SYSTEM.
- 6.3.9 CLOSE OFF DOORS WHEN FINISHED.
- 6.3.10 AUGERS SHOULD NOT BE LEFT OUT DURING TRANSPORT.

7. HYDRAULICS

- KEY POINTS -
- A. REFER TO MSDS FOR OIL INFORMATION.
 - B. ENSURE THAT ANY OIL DISCHARGE IS CONTAINED AT SERVICES OR UNCOUPLING HOSES.

- 7.1 ENSURE BREAKAWAYS ARE ENGAGED PROPERLY.
- 7.2 DO NOT ATTEMPT TO CHANGE / MODIFY SERVICE HOSES WHILE MACHINE IS IN OPERATION.
- 7.3 DO NOT ATTEMPT TO CHANGE FACTORY SET RELIEFS AS THIS WILL VOID WARRANTY.

FOR SYSTEM DIAGRAM - QUOTE UNIT SERIAL NUMBER PLUS OWNERS' NAMES.
NO DISCLOSURE WILL OCCUR WITHOUT CONFIRMATION OF DETAILS.

FOR ELECTRIC OVER HYDRAULIC - DO NOT ATTEMPT TO CHANGE ANY RELIEF OR SETTINGS. ANY ATTEMPT WILL VOID WARRANTY.

8. MAINTENANCE

KEY POINTS -

- A. AUTHORIZED PERSONNEL ONLY TO PERFORM MAINTENANCE.
- B. ENSURE LOCK OUT PROCEDURES ARE IN PLACE,
- C. IF MAINTENANCE REQUIRES GUARDS REMOVED, ENSURE THEY ARE REPLACED ON MACHINERY AT END OF SERVICE.
- D. DO NOT ATTEMPT TO ENTER BIN WITHOUT BACK UP PERSONNEL AND MEANS BY WHICH TO REMOVE A PERSON.
- E. ENSURE NOTIFICATION TO YOUR SUPERVISOR AS TO YOUR INTENTION TO ENTER UNIT.
- F. UNIT IS TO BE IN STAND ALONE SITUATION BEFORE ANY ATTEMPT TO SERVICE (IE. UNIT IS NOT CONNECTED TO OR POWERED BY TRACTOR)

8.1 GRAIN HAUL OUT BIN

- 8.1.0 DISABLE POWER SUPPLY AND LOCK OUT BEFORE ANY MAINTENANCE.
- 8.1.1 CHECK CHAIN VIA NYLATRON BUSH WHICH SERVES AS CHAIN TENSIONER DAILY IN USE.
- 8.1.2 DROP SLIDE UNDER BIN WHILE NOT IN USE AND LUBRICATE WITH DIESEL. CLEAN SLIDE AREA FROM DUST ETC.
- 8.1.3 LUBE BEARINGS DAILY .
- 8.1.4 ENSURE DRIVE LINE IS IN GOOD ORDER WITH SHIELD WORKING AND P.T.O. GUARDS IN PLACE.
- 8.1.5 CHECK HYDRAULIC OIL LINES FOR LEAKS.
- 8.1.6 CHECK CONDITION OF NYLON BUSH IN OUTLOAD AUGER (SEASONAL)
- 8.1.7 AT MAIN OUTLOAD AUGER, ENSURE OUTSLIDE AT BOTTOM IS CLEANED. ANY RESIDUAL GRAIN SHOULD BE REMOVED ONCE BIN IS FINISHED FOR SEASON.
- 8.1.8 HUBS / AXLES ARE A SELF CONTAINED UNIT. THEY ARE NOT TO BE SERVICED.
- 8.1.9 LUBE TOP AUGER SPIGOT SHAFT AT SPRING WITH 'NEVER SEIZE' SEASONALLY.

8.2 GRAIN BUGGIES

- 8.2.1 REMOVE CLEAN OUT DOORS AT BOTTOM OF AUGER ON COMPLETION OF SEASON'S WORK.
 - 8.2.2 ENSURE DRIVE LINE IS IN GOOD ORDER WITH SHIELD IN GOOD ORDER AND P.T.O. GUARDS IN PLACE.
 - 8.2.3 CHECK BELTS FOR ANY DETERIORATION AND REPLACE EVERY TWO YEARS.
 - 8.2.4 ALIGN BELT PULLEYS VIA STRAIGHT EDGE APPROACH AND TENSION ACCORDINGLY.
 - 8.2.5 TAKE MEASUREMENTS OF PULLEY POSITIONS BEFORE ASSEMBLY, FOR EASE OF REASSEMBLING.
 - 8.2.6 LUBE TOP AUGER'S SPIGOTS SHAFT AT SPRING WITH 'NEVER SEIZE' SEASONALLY.
- ** ANY PERSONAL PROTECTIVE ITEMS, SHIELDS, GUARD, DRIVE LINE GUARDS ARE TO BE REFITTED AFTER MAINTENANCE.

MAINTENANCE SIGN OFF FORM

PERIOD	AGENT	OWNER	WALSH & FORD	SIGNATURE
6 MONTHS				
12 MONTHS				
18 MONTHS				
24 MONTHS				
30 MONTHS				
36 MONTHS				
42 MONTHS				
48 MONTHS				
54 MONTHS				
60 MONTHS				
66 MONTHS				
72 MONTHS				
78 MONTHS				
84 MONTHS				
90 MONTHS				
96 MONTHS				
102 MONTHS				
108 MONTHS				
114 MONTHS				
120 MONTHS				
126 MONTHS				
132 MONTHS				
138 MONTHS				
142 MONTHS				
148 MONTHS				

MAINTENANCE SIGN OFF FORM

154 MONTHS				
160 MONTHS				
166 MONTHS				
172 MONTHS				
178 MONTHS				
184 MONTHS				
190 MONTHS				

9. WARRANTY.

WALSH & FORD as suppliers of agricultural implements / equipment provides this warranty for implements / equipment manufactured at Dalby, Queensland.

Subject to such other conditions, warranties and / or undertakings, which may apply from time to time under the laws of Australia and / or any applicable State or Territory thereof WALSH & FORD warrants with respect to each new item of agricultural implement / equipment that for a period of twelve months on agricultural implements / equipment from the date of the original retail sale thereof WALSH & FORD will repair or replace free of charge any part of such agricultural implements / equipment found to be defective in factory materials of workmanship under normal use and operation within Australia.

PROVIDED THAT:

1. The agricultural implement / equipment as the case may be has been properly;
 - a) set up and operated strictly in accordance with the recommendations set forth in the Owner's and / or Service Manual provided with the implement / equipment;
 - b) Used and operated strictly within the capacity and operation limitations specified by WALSH & FORD and;
 - c) Properly maintained and cared for;
 - d) Used solely for the purpose for which it was designed in customary agricultural operations ("intended use") Use in any other way is considered contrary to intended use.
 - e) All regulations, rules, practices on safety and / or occupational medicine and / or road traffic Acts and Regulations are observed at all times; and
2. The repair and replacement is carried out by an authorized WALSH & FORD Dealer / Agency, and;
3. The defective part is returned at the request of the authorized WALSH & FORD Dealer / Agency, freight prepaid.
4. On sale of the implement /. Equipment Dealer must disclose and supply details of Warranty in written form.

This warranty shall be void if any part or parts not manufactured or approved by WALSH & FORD are used either in the maintaining or servicing of the implement / equipment covered by this Warranty. No Warranty whatsoever is given on modified, altered or rebuilt machinery. Any arbitrary modification, alteration or rebuilding carried out on the implement / equipment will relieve WALSH & FORD of any liability whatsoever for and resulting loss, damage or injury.

This Warranty is not applicable to engines, electrical motors, clutches, universal joints, tyres and tubes, hydraulic motors, hydraulic wheel drives and hydraulic hose, rims, or any other component parts not manufactured by WALSH & FORD.

This Warranty does not extend to any consequential loss or damage however caused or arising, including failure in operation or performance of goods sold or repaired or replacement work or service performed thereon or thereto or any loss incurred, inter alia, for hire or unauthorized labour, supplies, substituted machinery or rented machinery or for any loss or damage incurred because of delay in harvesting or removal of crops or grain or for any event resulting in loss of crops, livestock or other losses nor shall WALSH & FORD be liable for any injury or negligence howsoever caused.

This Warranty does not exclude and necessarily applicable condition or warranty implied by the Trade Practices Act 1974 or any such condition or warranty implied by the applicable State Laws. Subject thereto, no warranty, guarantee or representation as to WALSH & FORD implements / equipment, other than as contained herein, is made or given by WALSH & FORD.

WALSH & FORD accepts no liability whatsoever for damage loss or injury howsoever resulting from misuse or non-compliance with and strict adherence to the operating instructions and safety manual.

9. WARRANTY (cont)

The following are the answers to the most frequently asked questions about the WALSH & FORD Warranty provided with agricultural implements/ equipment purchased through your authorized WALSH & FORD Dealer / Distributor.

1. When does WALSH & FORD Warranty period commence?

If the equipment was purchased as new equipment, the WALSH & FORD Warranty period will commence on the date the equipment was purchased new at retail. If the equipment has been purchased as used equipment the WALSH & FORD Warranty commencement date is the date on which the equipment was first purchased new at retail.

2. Who performs WALSH & FORD Warranty repairs or replacements?

While any other authorized WALSH & FORD Dealer may carry out WALSH & FORD Warranty repairs or replacements, the authorized WALSH & FORD Dealer through whom the equipment was purchased (the selling Dealer) has primary responsibility for performing WALSH & FORD Warranty repairs and replacements under the WALSH & FORD Warranty.

3. What should I do to obtain WALSH & FORD Warranty service?

Contact the selling Dealer or if that is inconvenient, any authorized WALSH & FORD Dealer, explain the problem you have encountered and arrange with the Dealer a mutually convenient time for the warranty repairs or replacement to be effected. Alternatively, contact may be made direct to Factory Headquarters at 4 Dan Street, Dalby, Queensland (P.O. Box 272). Telephone 07) 46626174. Facsimile 07) 466 22435.

Email admin@walshandford.com.au

10. JOB SAFETY AND ENVIRONMENTAL ANALYSIS (JSEA) WORKSHEET.

Unit _____ Site _____ Date _____

Tick		
☐	Normal Operation	Location
☐	Maintenance	Location
☐	Other	Location

Name/s of employee/s completing this JSEA:

JSEA Title (specify job task)

Type of permit required

☐ Confined Space

☐ Excavation

☐ Hot Work

☐ Fall Risk Control

☐ Other _____

Special PPE Requirements

10. JOB SAFETY AND ENVIRONMENTAL ANALYSIS (JSEA) WORKSHEET.

Special Tools or Equipment Required (consider such things as gas detection, ventilation fans, lighting, scaffolding etc)

Potential Environmental Hazards ☐ Air pollution (dust,fumes) ☐ Spills to ground ☐ Dirty Water discharge ☐ Hazard flora/fauna

☐ Noise pollution (off-site) ☐ Spills to water ☐ Other _____

Hazardous Materials to be used (attach MSDS)

Fire/Emergency Requirements

10. JOB SAFETY AND ENVIRONMENTAL ANALYSIS (JSEA) WORKSHEET.

Other Potential Hazards to consider

- ☐ Electrical
- ☐ Occupational Noise
- ☐ Work at Height
- ☐ Other workers
- ☐ Gas, dust, fumes
- ☐ Chemical
- ☐ Access & egress
- ☐ Pressure (air,water,gas)
- ☐ Manual Handling
- ☐ Heat
- ☐ Radiation
- ☐ Light (illumination)
- ☐ Other

Special Training Requirements

Prescribed Occupation (Certification) Requirement

10. JOB SAFETY AND ENVIRONMENTAL ANALYSIS (JSEA) WORKSHEET.

Job Safety and Environmental Analysis (JSEA) Worksheet

JSEA Number:

B.

Job steps - list the major steps required to perform the task		Potential Hazard	Required Hazard Control	Person Responsible
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Additional comments or details of special precautions to be taken :-

--

10. JOB SAFETY AND ENVIRONMENTAL ANALYSIS (JSEA) WORKSHEET.

C. Risk Assessment

Likelihood that the accident will follow to completion	
A. Almost certain	Most likely and expected result if the selected complete sequence of events takes place (1 in 10)
B. Likely	Quite possible, not usual (1 in 10 to 100 chance)
C. Moderate	Would be unusual but possible sequence of events or coincidence (1 in 100 to 1,000 chance)
D. Unlikely	Would be a remotely possible coincidence (1 in 1,000 to 10,000 chance)
E. Rare	Never happened after many years exposure but is conceivably possible (1 in 10,000 to 100,000)

Consequence	Injury/Illness, Damage, Environmental Impact
1. Noticeable	First aid, minor damage, contained spill
2. Important	Disabling injury, damage up to \$5,000, small uncontained spill
3. Serious	Permanent disability injury, damage \$5,000-\$500,000, spill or release requiring notifying EPA
4. Very Serious	Fatality, damage \$500,000-\$1million, major spill or release with minor offsite impact
5. Extreme	Multiple fatalities, damage < \$1million, major spill or release with major offsite impact

10. JOB SAFETY AND ENVIRONMENTAL ANALYSIS (JSEA) WORKSHEET.

To determine the risk, choose the Likelihood and the Consequence:

Likelihood	Consequence				
	1. Noticeable	2. Important	3. Serious	4. Very Serious	5. Extreme
A. Almost certain	High	High	Extreme	Extreme	Extreme
B. Likely	Moderate	High	High	Extreme	Extreme
C. Moderate	Low	Moderate	High	Extreme	Extreme
D. Unlikely	Low	Low	Moderate	High	Extreme
E. Rare	Low	Low	Moderate	High	High

Your assessment **Before controls** Likelihood _____ Consequence _____ = Risk Score _____

After controls Likelihood _____ Consequence _____ = Risk Score _____

10. JOB SAFETY AND ENVIRONMENTAL ANALYSIS (JSEA) WORKSHEET.

D. Approvals

Using Controls	Management Control	To be signed by	Name of person	Signature	Date
G Extreme Risk	Immediate action, activity discontinued until risk is minimized	Manager/ Safety and Training Co-ordinator			
G High Risk	Immediate action, activity discontinued until risk is minimized	Manager/ Safety and Training Co-ordinator			
G Moderate Risk	Risk addressed as part of risk control program	Site Manager			
G Low Risk	Risk identified to employees	Supervisor			

11. CONFINED SPACE WORKSHEET

JOB

P.P.E. MEASURES:

- A. _____
- B. _____
- C. _____
- D. _____

(E.G. RESPIRATION, PROTECTIVE CLOTHING, FIRST AID, HARNESSSES, LIFTING EQUIPMENT ETC)

NOTIFY:

- A. _____
- B. _____
- C. _____

AUTHORIZED BY:

- A. _____

BACK-UP SITE MEMBER

- A. _____
- B. _____

REMOVAL MEASURES
PROCEDURE

12. PARTS.

FOR PARTS PLEASE CONTACT WALSH & FORD WITH UNIT'S SERIAL NUMBER.

13. OWNER CONFIRMATION.

I, _____ ACKNOWLEDGE BY PURCHASE OF
THIS **WALSH & FORD** UNIT, THAT I HAVE AND WILL ACCEPT
INSTRUCTIONS OF ITS INTENDED USE AND WILL ALSO TRAIN AND
INDUCT EMPLOYEES AND SUBCONTRACTORS IN THE MACHINE USE.

BUSINESS NAME:.....

ADDRESS:.....

TELEPHONE / MOBILE:.....

UHF CHANNEL:.....

PLEASE ENCLOSE A MUD MAP OF DIRECTIONS FROM YOUR NEAREST
TOWN, INCLUDING DISTANCES AND ROAD NAMES ETC.

SIGNED _____

DATE _____

SERIAL NUMBER OF UNIT

*PLEASE SEND BACK DUPLICATE COPY TO **WALSH & FORD** IN SUPPLIED
ENVELOPE.*

