
Customer Name : BOOLAH FARMS PTY LTD Serial No: JJAMG400CMRK04066
IH 22 M40R2S-1-D-42 CASE MAGNUM 400 PS TRACTOR

R.O No. : M68990 R.O Date : 10/11/25 Dept : S
RO total 11,015.20 Kilometres: 5397 Advisor No. : 691
Cus total 11,015.20 War total 0.00 Int total 0.00

Job number : 1 Operation 03IHZZ//02 Desc. TRANSMISSION ELECTRONIC SYSTEM

Sale type : C Technician No(s). 511 726 303

Complaint : DIAGNOSE AND REPAIR CAUSE FOR TRANSMISSION ELECTRICAL FAULTS

Cause : THERMAL EVENT CAUSING WIRING DAMAGE

DEC CONTROLLER FAILURE

Correction : TRAVELLED TO MACHINE FOR COMPLAINT OF NO DRIVE AND DAMAGED

HARNES. ATTEMPTED TO REMOVE AIRBOX.

AIRBOX RETAINING BOLTS SPINNING IN PLASTIC HOUSING.

REMOVED STAIRS FROM SIDE OF MACHINE TO GET BETTER ACCESS.

DISCONNECTED BATTERIES.

REMOVED FUEL FILTER.

CAPPED FUEL LINES.

CLEANED OUT DIRT AND CHAFF FROM BETWEEN FUEL TANK AND

TRANSMISSION. INSPECTED HARNESSES FOR DAMAGES.

MARKED AND DISCONNECTED HARNESSES THAT WERE DAMAGED.

CUT ZIP TIE HOLDING HARNESS TO SIDE OF TRANSMISSION.

PULLED HARNESS UP TO OTHER SIDE TO ACCESS FOR REPAIRS.

STRIPPED HARNESS COVERING BACK.

INSPECTED WIRE TO SEE HOW MUCH DAMAGE HAS BEEN CAUSED TO

WIRING BY THERMAL EVENT. CUT OUT DAMAGED SECTION OF HARNESS

AND JOINED IN REPLACEMENT USING DUAL CORE. PINNED NEW

CONNECTORS TO END OF DUAL CORE HARNESSES. REWRAPPED HARNESS WITH

FED HARNESS BACK DOWN TO CLUTCH CONTROL SOLENOIDS.

PLUGGED HARNESSES BACK INTO SOLENOIDS AND TRANS PRESSURE

SWITCH. REINSTALLED FUEL FILTER.

CONNECTED BATTERIES.

STARTED MACHINE AND CHECKED FOR FAULTS.

NO FAULTS PRESENT.

SHIFTED MACHINE INTO FIRST GEAR.

SHIFTED THROUGH GEARS.

FOUND MACHINE WAS MISSING 2ND, 6TH, AND 7TH AND WOULD NOT

SHIFT PAST 7TH. RECHECKED CONNECTORS WERE SECURE.

CHECKED FUSES.

MADE BACKPROBE HARNESS FOR TESTING.

UNPLUGGED EACH SOLENOID AND CHECKED RESISTANCE ACROSS COIL.

ALL SOLENOIDS WITHIN SPEC.

INSTALLED BACK PROBE HARNESS AND MEASURED VOLTAGE ON EACH

SIDE OF COILS. COIL 1: 3.1V

COIL 2: 0.1V

COIL 3: 2.5V

COIL 4: 2.6V

CHECKED VOLTAGE AT EACH COIL.

COIL 1: 5.0V

COIL 2: 5.0V

COIL 3: 4.9V

COIL 4: 5.0V

ALL COILS PRESENT VOLTAGE WITHIN RANGE.

DETERMINED ISSUES NEED MORE RESEARCH AND KNOWLEDGE.

INFORMED SERVICE MANAGER OF FINDINGS.

SERVICE MANAGER SUGGESTED RETURNING TO WORKSHOP AND SENIOR

TECHNICIAN TO ACCOMPANY ON RETURN. PACKED UP TOOLS.

TRAVELLED TO WORKSHOP.

LOADED UP UTE.

PRINTED OFF INFORMATION SHEETS NECESSARY TO BETTER DIAGNOSE

ISSUE. TRAVELLED TO MACHINE WITH SENIOR TECHNICIAN.

UNPLUGGED EACH SOLENOID TO PINPOINT WHICH SOLENOID ACTIVATES

WHICH CLUTCH PACK. FOUND SOLENOID FOR CLUTCH 3-4 WAS SHOWING

AS FAULTY. CLUTCH 3-4 OPERATES SECOND AND SIXTH GEAR.

SWAPPED SOLENOID WITH NEW REPLACEMENT.
 STARTED MACHINE AND FOUND STILL MISSING 2ND AND 6TH.
 DETERMINED SOLENOID TO NOT BE CAUSE OF ISSUE.
 UNPLUGGED HARNESS AND BOUGHT TO OTHER SIDE OF TRANSMISSION.
 ISNPECTED WIRING AT PATCH JOB.
 CUT PATCH JOB FOR 3-4 SOLENOID OFF AND REPATCHED AS
 REQUIRED. INSTALLED PRESSURE GAUGE FITTING INTO CLUTCH
 SOLENOID HOUSING IN 3-4 POSITION. REINSTALLED HARNESS.
 STARTED MACHINE AND CHECKED FOR PRESSURE AT GAUGE WHEN
 SHIFTING INTO 2ND OR 6TH. FOUND 0 PSI.
 SWITCHED PLUGS FOR 1-2 AND 3-4 SOLENOIDS TO TRICK MACHINE
 INTO THINKING 2ND WAS 1ST. FOUND MACHINE WOULD DRIVE IN 2ND
 AND SHOW PRESSURE ON GAUGE. DETERMINED WIRING OR CONTROLLER
 WAS CAUSE FOR ISSUE. REPLUGGED HARNESSES BACK INTO CORRECT SOLENO
 CLEANED DIRT AROUND DEC CONTROLLER AWAY.
 GENTLY DISCONNECTED DEC CONTROLLER PLUGS.
 TESTED FOR CONTINUITY BETWEEN DEC CONTROLLER AND CLUTCH
 SOLENOID. FOUND WIRING TO HAVE GOOD CONTINUITY AND
 RESISTANCE. DETERMINED CONTROLLER TO BE FAILED INTERNALLY.
 REMOVED CONTROLLER FROM MACHINE.
 PACKED UP TOOLING AND TRAVELLED TO TOWN.
 UNPLUGGED DEC CONTROLLER ON MACHINE IN TOWN.
 PLUGGED IN SUSPECTED FAULTY CONTROLLER.
 FOUND THAT ISSUES HAVE FOLLOWED CONTROLLER INDICATING
 CONTROLLER FAILURE. REMOVED FAULTY DEC FROM MACHINE.
 PLUGGED IN GOOD DEC.
 POSITIONED MACHINE.
 REMOVED GOOD DEC CONTROLLER FROM MACHINE IN TOWN.
 TRAVELLED TO MACHINE.
 INSTALLED GOOD DEC CONTROLLER.
 DOWNLOADED SOFTWARE TO CONTROLLER .
 CHECKED CONFIGURATIONS.
 FOUND TRANSMISSION PRESSURE SENSOR TO BE FAULTY.
 REPLACED PRESSURE SENSOR AND INSTALLED NEW PLUG TO WIRING
 DUE TO FIRE DAMAGE. CARRIED OUT TRANSMISSION CALIBRATION AS
 REQUIRED. TEST DROVE MACHINE.
 MACHINE SHIFTS WITHOUT ISSUE.
 TIDIED UP CAB FUSE PANEL.
 FOUND TWILIGHT SENSOR UNPLUGGED.
 CLEANED UP SOLDER ON PIN.
 PLUGGED INTO TWILIGHT SENSOR.
 NO FURTHER FAULT FROM TWILIGHT SENSOR.
 RETURNED MACHINE TO SERVICE.
 PACKED UP TOOLING.
 TRAVELLED BACK TO WORKSHOP.
 COMPLETED PAPERWORK.

Job number : 2 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL
 Sale type : C Technician No(s). 511 726
 Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

R.O No. : M67764	R.O Date : 28/04/25	Dept : S
RO total 561.28	Kilometres: 4971	Advisor No. : 323
Cus total 561.28	War total 0.00	Int total 0.00

Job number : 1 Operation 16IHZZ//01 Desc. BASE AIRCONDITIONING SYSTEM RE
 Sale type : C Technician No(s). 728 781 810
 Complaint : DIAGNOSE AND REPAIR CAUSE FOR INOPERATIVE A/C
 Cause : LEAKING ORING
 Correction : WHILST ON FARM AT ANOTHER MACHINE, CUSTOMER REQUESTED TO
 LOOK AT A/C.
 START MACHINE AND OPERATED A/C.
 MACHINE WAS NOT GETTING COLD.
 CONNECTED GAUGES TO MACHINE.
 MACHINE HAD NO GAS.
 INSPECTED ALL LINES.
 FOUND THAT MACHINE HAD A LEAK ON HIGH PRESSURE LINE ABOVE
 COMPRESSOR.

DISCONNECTED A/C LINE.
FOUND ORING WAS BROKEN.
REPLACED ORING.
VAC MACHINE DOWN.
MACHINE HELD VACUUM.
CHARGED SYSTEM WITH REFRIGERANT.
OPERATED MACHINE.
SYSTEM WORKED CORRECTLY.
PACKED UP TOOLS AND RETURNED TO WORKSHOP.
COMPLETED PAPERWORK.

R.O No. : Y5642 R.O Date : 26/08/24 Dept : S
RO total 1,211.35 Kilometres: 3902 Advisor No. : 720
Cus total 1,211.35 War total 0.00 Int total 0.00

Job number : 1 Operation 16IHZZ//01 Desc. BASE AIRCONDITIONING SYSTEM RE
Sale type : C Technician No(s). 775 706
Complaint : A/C BLOWING AIR BUT IS NOT COLD
Cause : SYSTEM LOW ON GAS - HOSE LEAKING (failed at crimp)
Correction : 26/8/24

TRAVEL TO MACHINE
INSPECT AC NOT BLOWING COLD
FOUND REFIGERANT LOW
INSPECT AND FOUNDN LEAKING HIGH PRESSURE PIPE FROM
COMPRESSOR TO CONDENSOR
RETURNED TO WORKSHOP
ORDERED PARTS
COMPLETED PAPERWORK

27/8/24*****
LOAD UP AC GEAR
TRAVEL TO MACHINE
RECOVER AC GAS
REMOVED AND REPLACED AC HOSE FROM COMPRESSOR TO
CONDENSOR
PRESSURE TESTED SYSTEM
REMOVED AND REPLACED RECEIVER DRIER AND FITTED ASSEMBLY
EVACUATED SYSTEM
REGASED SYSTEM
PERFORMANCE TESTED
ALL OK

Job number : 2 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL

Sale type : C Technician No(s). 775 706
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME
Correction : TRAVEL TO AND FROM MACHINE X 2

R.O No. : Y5613 R.O Date : 12/08/24 Dept : S
RO total 4,154.70 Kilometres: 3905 Advisor No. : 768
Cus total 4,154.70 War total 0.00 Int total 0.00

Job number : 1 Operation 17IHZZ//38 Desc. 4000 HOUR SERVICE
Sale type : C Technician No(s). 706 762
Complaint : MAGNUM 400HR SERVICE
Correction : LOAD UTE

TRAVEL TO FARM
CONNECT EST & RETRIEVE ALL FAULT CODES. DELETE ALL INACTIVE
CODES.OK
CHECK OVER THE ENGINE & ALL ASSOCIATED PLUMBING
TO VERIFY THAT NO OIL, COOLANT LEAKS ARE PRESENT OK
REPLACE COOLANT OK
WARM UP ENGINE TO OPERATING TEMPERATURE. STOP THE ENGINE
AND CHANGE THE ENGINE OIL & FILTER OK
CHANGE ENGINE CRANKCASE FILTER & GASKET OK
CHANGE THE FUEL FILTERS OK
CHECK THE ENGINE COOLANT LEVEL. TOP UP BOTH THE COOLANT
HEADER TANK & OVERFLOW BOTTLE. IF THE ENGINE IS AT
OPERATING TEMPERATURE, TOP UP THE LEVEL TO MIDWAY BETWEEN
THE COLD LEVEL & THE TOP OF THE BOTTLE OK
CHECK ALL ENGINE CHARGE AIR SYSTEM HOSE CLAMPS FROM THE
TURBO OUTLET THROUGH TO THE CHARGE AIR COOLER & INTO THE
ENGINE AIR INTAKE AIR HORN OK
REPLACE BOTH THE PRIMARY & SECONDARY ENGINE AIR FILTERS &
CHECK THEY ARE INSTALLED CORRECTLY & CLEAN OK
REPLACE ENGINE DRIVE BELTS OK
CHECK OVER THE TRANSMISSION & ALL ASSOCIATED PLUMBING FOR
OIL LEAKS OK
CHECK OVER THE REAR DIFF & ALL ASSOCIATED PLUMBING
FOR OIL LEAKS OK
DISCONNECT & REMOVE BOTH BATTERIES FROM THE MACHINE.
CHECK ALL BATTERY CELL LEVELS & TOP UP IF REQUIRED OK
TEST AND NOTE EACH BATTERY STATIC VOLTAGE:
BATTERY # 1: 13.9
BATTERY # 2: 13.9
REINSTALL THE BATTERIES & CHECK THAT THE BATTERY TERMINALS
ARE CLEAN & TIGHT OK
CHECK FOR CORRECT HORN OPERATION OK
CHECK FOR THE CORRECT OPERATION OF THE ROTATING BEACONS OK
CHECK ALL HAZARD LIGHTS FOR CORRECT OPERATION OK CHECK ALL
TURN SIGNAL LIGHTS FOR CORRECT OPERATION IN BOTH DIRECTIONS
OK
CHECK FOR THE CORRECT OPERATION OF ALL FIELD WORKING
LIGHTS. VERIFY HIGH BEAM OPERATION IS FUNCTIONING CORRECTLY
OK
OPEN FUEL TANK DRAIN VALVE & ENSURE WATER SEDIMENT IS
DRAINED FROM FUEL TANK OK REPLACE THE CABIN AIR FILTER OK
REPLACE THE CABIN AIR RECYCLE FILTERS OK
CLEAN THE ENGINE RADIATOR, TRANSMISSION COOLER, CHARGE AIR
COOLER, FUEL COOLER & AIR CON CONDENSER WITH COMPRESSED
AIR OK
ENTER THE PERFORMANCE MONITOR SERVICE INTERVAL &
RESET THE FOLLOWING FEATURES:
ENGINE OIL & FILTER CHANGE:500 HOURS.
FUEL FILTER CHANGE: 500 HOURS
BATTERY SERVICE: 500 HOURS.
CABIN AIR FILTER CLEAN: 500 HOURS.
CHECK OVER THE STEERING HYDRAULIC SYSTEM FOR ANY LEAKS OK

REPLACE THE OIL IN THE FRONT DIFFERENTIAL & PLANETARIES.
CHECK OVER THE FRONT DIFFERENTIAL & FINAL DRIVES FOR OIL
LEAKS OK
WHILST THE ENGINE IS RUNNING VERIFY THE OPERATION
OF BOTH THE REAR MUDGUARD MOUNTED HITCH UP DOWN SWITCHES OK
CHECK WHEEL BOLT TENSIONS. CHECK BOTH FRONT & REAR BOLTS
INCLUDING WHEEL WEIGHT BOLTS OK
HEAT TRANSMISSION/HYDRAULIC OIL UP TO 65 DEGREES. (OPERATING
TEMPERATURE.) OK
VERIFY THAT TRANSMISSION OIL PRESSURE (REGULATED) IS WITHIN
SPECIFICATION PRESSURE BEFORE ADJUSTMENT: 24 BAR
PRESSUREAFTER ADJUSTMENT:
GREASE COMPLETE MACHINE. THIS INCLUDES THE KING PINS, FRONT
SUSPENSION POINTS, HITCH, INCLUDING THE LEVELLING ADJUSTERS.
ENSURE THAT THE MANUAL ADJUSTERS ROTATE FREELY TO EACH
EXTREME OF THE AVAILABLE TRAVEL OK
CHECK THAT THE STEERING COLUMN TILT & TELESCOPE FUNCTIONS
WORK CORRECTLY OK
REMOVE ALL RUBBISH FROM THE CABIN & SWEEP OUT THE ENTIRE
CABIN FLOOR INCLUDING THE AREA BEHIND THE OPERATORS SEAT OK
FIT SERVICE STICKER OK
NOTE BROKEN TERMINAL ON STARLINK SENSOR SHOWING CODE

Job number : 2 Operation 24IHZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 762
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME
Correction : TRAVEL TO AND FROM MACHINE

Comments : 1247 DRIVELINE HOURS

R.O No. : Y5361 R.O Date : 07/06/24 Dept : S
RO total 935.35 Kilometres: 3859 Advisor No. : 720
Cus total 935.35 War total 0.00 Int total 0.00

Job number : 1 Operation 15IHZZ//02 Desc. DATABUS INFORMATION CONTROL SY
Sale type : C Technician No(s). 725
Complaint : ISOBUS FAULT F-518924-19
Cause : rubbed wires
Correction : Travel
Connect EST located fault F-518924-19
Checked isobus fuse 18, located blown fuse
Replaced and tested operation, fuse would blow within 5 mins
Got wiring schematic for fuse 18, tested wiring from K-00B
Pin 87 to Pin 4 on X-289 connector
Shook and twisted harness located continuity to ground
Spliced back harness located wiring was internally shorted.
Repaired harness, insulated harness
Replaced fuse 18
Tested Isobus operation all was OK
Operated machine no faults reoccurred
Travel
Paperwork

Job number : 2 Operation 24IHZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 725
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME
Correction : TRAVEL TO AND FROM MACHINE

R.O No. : Y5048 R.O Date : 08/03/24 Dept : S
RO total 2,809.25 Kilometres: 3533 Advisor No. : 720
Cus total 2,809.25 War total 0.00 Int total 0.00

Job number : 1 Operation 17IHZZ//35 Desc. 3600 HOUR SERVICE
Sale type : C Technician No(s). 711 714
Complaint : CARRY OUT 3600 hr SERVICE
Cause : MAINTENANCE
Correction : TRAVELLED TO PROPERTY & CARRIED OUT SERVICE AS PER SERVICE SHEET:

Connect EST & retrieve all Fault Codes. Delete all inactive Codes OK
Before starting Machine check the Transmission Oil level OK
Warm up Engine to operating temperature. Stop Engine & change the Engine Oil & Filter OK
Check Engine & associated plumbing for Oil, Coolant leaks OK
Change the Fuel Filters OK Check the Engine Coolant level & top up Header Tank & Overflow Bottle OK
Check all Engine Charge Air system Hose Clamps from the Turbo Outlet through to the Charge Air Cooler & into the Engine Air Intake Air Horn OK
Check the condition of both the Secondary & Primary Engine Air Filters & that they are installed correctly OK
Check the condition of the Engine Drive Belt OK
Check over the Transmission & all associated Plumbing for Oil leaks OK
Check over the Rear Diff & all associated Plumbing for Oil leaks OK
Disconnect & remove both Batteries from Machine OK
Test & note each Battery Static voltage:
Reinstall Batteries & check that Cable Terminals are clean & tight OK
Check for correct Horn operation OK
Check the Rotating Beacon OK
Check all Hazard Lights for correct operation OK
Check Turn Signal Lights for correct operation OK
Check for the correct operation of all Field Working Lights.
Verify High Beam operation is functioning correctly OK
Open Fuel Tank Drain Valve & ensure all water & sediment drained from Fuel Tank OK
Remove & clean Cabin Air Filter OK
Remove & clean Cabin Air Recycle Filters OK
Clean Engine Radiator, Transmission Oil Cooler, Charge Air Cooler, Fuel Cooler & AC Condenser with Compressed Air OK
Enter the Performance Monitor Service Interval & reset following Service Intervals:
Engine & Oil Filter change 500hrs
Fuel Filter change 500hrs
Battery service 500hrs
Cabin Air Filter clean 500hrs
Check over the Steering Hydraulic system for any leaks OK
Check the Oil level in the Front Differential & Planetaries OK
While Engine is running check for correct operation of rear Mudguard mounted Hitch up, down Switches OK
Check Wheel Bolt tensions OK
Verify that Transmission Oil Pressure is within spec.
Pressure before adjustment: 2134 KPA
Pressure after adjustment:
Grease complete Machine including King Pins, front Suspension points, Hitch including the Levelling Adjusters.
Ensure the Manual Adjusters rotate freely to each extreme of the available travel OK

Check the Steering Column Tilt & Telescope functions work
correctly OK
Remove rubbish from cabin and swept out cabin
floor and area OK
Fit Service Sticker OK

Job number : 2 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 711
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

Comments : 999 DRIVELINE HOURS

R.O No. : Y4933 R.O Date : 13/02/24 Dept : S
RO total 2,043.40 Kilometres: 3292 Advisor No. : 720
Cus total 981.00 War total 1,062.40 Int total 0.00

Job number : 1 Operation 01IHZZ//03 Desc. ENGINE COOLING SYSTEM REPAIR
Sale type : W Technician No(s). 714
Complaint : FAILED WATER PUMP
Cause : NOT SEALING
Correction : INSPECT WATER PUMP CAN SEE FAILURE AND LEAKAGE.
UNBOLT FAN DRIVE SHAFT REMOVE BELTS.
DRAIN COOLANT UNBOLT PUMP SEE INSTANAL BEARING FAILURE.
INSTALL NEW PUMP WITH NEW O-RING.
FILL COOLANT TO LEVEL.
INSTALL BELT TENSION FAN DRIVE SHAFT BOLTS UP.
RUN UP TOP UP COOLANT RUN TO OPERATING TEMP CHECK LEAKS ALL
OK NO LEAKS.
PACK UP INSTALL COVERS.

Warranty : Claim no. Operation no. Claim no. Operation no.
302400081 01IHZZ//03

Job number : 2 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 714
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

AND

REDCOVER 2.0 EXCESS FEE \$500

Correction : TRAVEL TO MACHINE AND BACK.

BELT AS PER CONVERSATION WITH JOSH CARTER

R.O No. : Y4587 R.O Date : 07/11/23 Dept : S
RO total 9,066.00 Kilometres: 2946 Advisor No. : 720
Cus total 9,066.00 War total 0.00 Int total 0.00

Job number : 1 Operation 17IHZZ//29 Desc. 3000 HOUR SERVICE
Sale type : C Technician No(s). 711 738
Complaint : MAGNUM 3000HR SERVICE
Cause : MAINTENANCE
Correction : CARRIED OUT SERVICE AS PER SERVICE SHEET:
 Connect EST & retrieve all Fault Codes. Delete all Inactive
 Codes.
 Carry out Valve adjustment OK
 Warm up Engine to operating Temperature. Stop the Engine
 and change the Engine Oil & Filter OK
 Change Engine Crankcase Filter & Gasket OK
 Change the Fuel Filters OK
 Check the Engine Coolant level. OK
 Check all Engine Charge Air System Hose Clamps from the
 Turbo Outlet through to the Charge Air Cooler & into the
 Engine Air Intake Air Horn. (Verify that all Hoses & Clamps
 are mounted correctly and Clamps are secure) OK
 Replace both the Primary & Secondary Engine Air Filters &
 check they are installed correctly & clean OK
 Replace Engine Drive Belts OK
 Drain the Transmission Oil. Replace Seal & Gasket OK
 Replace Transmission Breather OK
 Tighten all Transmission Bungs & refill Transmission OK
 Replace both the Transmission & Hydraulic Filters OK
 Start Machine & recheck Oil level. Top up as required OK
 Check over the Steering Hydraulic System for any leaks OK
 Heat Transmission/Hydraulic Oil up to 65 degrees. OK
 Whilst the engine is running verify the operation of both
 the Rear Mudguard Mounted Hitch Up Down switches OK
 Check Wheel Bolt tensions. Check both Front & Rear Bolts
 including Wheel Weight Bolts OK
 Verify that Transmission Oil Pressure (regulated) is within
 specification
 Calibrate the Transmission OK
 Calibrate the front Suspension OK
 Calibrate the Auxiliaries OK
 Calibrate the Hitch OK
 Check over the Rear Diff & all associated Plumbing for Oil
 leaks OK
 Check over the Transmission & all associated Plumbing for
 Oil leaks OK
 Test drive Tractor & note any faults OK
 Grease complete Machine. This includes the King Pins, Front
 Suspension Points, Hitch, including the Levelling
 Adjusters. Ensure that the Manual Adjusters rotate freely
 to each extreme of the available travel OK
 Check that the Steering Column Tilt & Telescope functions
 work correctly OK
 Enter the Performance Monitor Service Interval & reset the
 following features:
 Engine Oil & Filter change: 500 hours.
 Fuel filter change: 500 hours
 Battery Service: 300 hours.
 Cabin Air Filter clean: 300 hours
 Fit Service Sticker OK

Job number : 2 Operation 24IHZZZZZ Desc. MISCELLANEOUS CODES
Sale type : C Technician No(s). 738
Complaint : REPLACE FRONT DRIVE IDLER BEARINGS
Cause : MAINTENANCE
Correction : REPLACED FRONT DRIVE IDLER BEARINGS

Job number : 3 Operation 15IHZZ//01 Desc. BASE ELECTRICAL SYSTEM REPAIR/
Sale type : C Technician No(s). 738

Complaint : CARRY OUT ELECTRICAL REPAIRS
Cause : EXTENSIVE BIRD DAMAGE
Correction : RE-WIRED UNDER BRACKET

CONJUITED ROOF LIGHTS

CONJUITED AERIALS

R.O No. : Y4588 R.O Date : 07/11/23 Dept : S
RO total 1,486.86 Kilometres: 2946 Advisor No. : 720
Cus total 0.00 War total 1,486.86 Int total 0.00

Job number : 1 Operation 24IHZZ//07 Desc. CASEIH UPDATE PROG
Sale type : W Technician No(s). 711
Complaint : CNH PIP CA1423
Cause : pip cal423
Correction : COMPLETED PIP CA1423
LEVEL 1
LEVEL 5
LEVEL 4
LEVEL 7
LEVEL 9

Warranty : Claim no. Operation no. Claim no. Operation no.
302300407 24IHZZ//07

R.O No. : Y4506 R.O Date : 13/10/23 Dept : S
RO total 2,625.01 Kilometres: 2819 Advisor No. : 720
Cus total 550.00 War total 2,075.01 Int total 0.00

Job number : 1 Operation 05IHZZ//01 Desc. BASE FRONT DIFFERENTIAL REPAIR

Sale type : W Technician No(s). 714
Complaint : STEERING ANGLE SENSOR BROKEN . KING PINE MOVEMENT IN KING
PIN
Cause : SEAL IN KING PIN NOT SEALING CORRECTLY
Correction : JACK UP THE FRONT DIFF
REMOVE WHEEL AND CAST SPACER
REMOVE WHEEL GUARD MOUNT
REMOVE STEERING PIN (HAD TO USE HEAT AND LUBRICATION TO
REMOVE PIN AS IT WAS VERY SEIZED
JIB UP FORKLIFT AND SUPPORT NUCKLE
REMOVE TOP KING PIN ,ANGLE SENSOR AND BOTTOM PIN
REMOVE TOP KINGPIN AND POP OUT STEERING ROD
INSPECT PIN BEARING (SPUN LOOSE ON PIN)
REMOVE BEARING AND CONE
INSTAL BEARING ON PIN
INSTAL TOP PIN WITHOUT SHIMS
USING HEAT AND PRYBAR TO REMOVE BOTTOM PIN WHICH WAS VERY
SIEZED, PIN HAD NO WEAR, CLEAN UP AND REINSTALL
USING FEELER GUAGE FIND INITIAL SHIM PACK FOR TOP PIN
CHECK NUCKLE MOVEMENT
TOURQE BOLTS
INSTALL PIN AND SENSOR
INSTALL STEERING CYLINDER AND TIE ROD
GREAS NUCKLE
INSTAL SPACER AND WHEEL
TOURQUE BOLTS
LET DOWN OFF JACKS
CALIBRATE WHEEL ANGLE SENSOR, HAD TO TWEAK PIN ALIGNMENT
BUT AFTER CALIBRATED CORRECTLY
WASH DOWN AREA

Warranty : Claim no. Operation no. Claim no. Operation no.
302300398 05IHZZ//01

Job number : 2 Operation 24IHZZZZZ Desc. MISCELLANEOUS CODES
Sale type : C Technician No(s). 714
Complaint : REDCOVER WARRANTY EXCESS FEE \$500.00
Cause : REDCOVER WARRANTY EXCESS FEE \$500.00
Correction : REDCOVER WARRANTY EXCESS FEE \$500.00

R.O No. : Y4437 R.O Date : 18/09/23 Dept : S
RO total 1,632.85 Kilometres: 2615 Advisor No. : 720
Cus total 1,632.85 War total 0.00 Int total 0.00

Job number : 1 Operation 17IHZZ//24 Desc. 2500 HOUR SERVICE
Sale type : C Technician No(s). 714 758
Complaint : MAGNUM 400 2500HR SERVIVE
Cause : scheduled servicing
Correction : Connect EST and retrieve all fault codes.
Check the transmission oil level.
Warm up engine to operating temperature. Stop the engine
and change the engine oil and filter.
Check over the engine and all associated plumbing to verify
that no oil/coolant leaks are present.
Change fuel filters.
Check the engine coolant level.
Check all engine charge air system hose clamps from the
turbo outlet through to the charge air cooler and into the
engine air intake air horn.
Check the condition of both the primary and secondary
engine air filters and that they are installed correctly.
Check the condition of the engine drive belt.

Check over the transmission and all associated plumbing for oil leaks.
Check over the rear differential and all associated plumbing for oil leaks.
Disconnect and remove both batteries from the machine.
Check all battery cell levels and top up if required.
Reinstall the batteries and check that the battery terminals are clean and tight.
Check for correct horn operation.
Check for the correct operation of the rotating beacons.
Check all hazard lights for correct operation.
Check all turn signal lights for correct operation in both directions.
Check for the correct operation of all field working lights. Verify high beam operation is functioning correctly.
Open fuel tank drain valve and ensure water sediment is drained from fuel tank.
Remove and clean the cabin air filter.
Remove and clean the cabin air recycle filters.
Clean the engine radiator, transmission cooler, charge air cooler, fuel cooler and a/c condenser with compressed air.
Set service reminders
Check over the steering hydraulic system for any leaks.
Check the oil level in the front differential and planetaries.
Verify the operation of both the rear mudguard mounted hitch up/down switches.
Check wheel bolt tensions.
Verify that transmission oil pressure (regulated) is within specification.
Grease complete machine.
Check that the steering column tilt and telescope functions work correctly.

Job number : 2 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 714 758
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME
Correction : travel to and from machine

R.O No. : Y4279 R.O Date : 24/07/23 Dept : S
RO total 7,429.45 Kilometres: 2329 Advisor No. : 720
Cus total 7,429.45 War total 0.00 Int total 0.00

Job number : 1 Operation 24IHZZZZZZ Desc. MISCELLANEOUS CODES
Sale type : C Technician No(s). 725 762 711
Complaint : GET PARK BRAKE OFF SO MACHINE CAN BE TOWED

Correction : LOAD HYDRAULIC EQUIPMENT.
INSTALLED PORTA POWER INTO PARK BRAKE CIRCURT.
APPLIED 350 PSI.
TOWED TRACTOR AWAY FROM THE PLANTER.
HOOKED QUADTRAC TO PLANTER.
MOVED TRACTOR BACK OFF ROAD.

Job number : 2 Operation 15IHZZ//01 Desc. BASE ELECTRICAL SYSTEM REPAIR/
Sale type : C Technician No(s). 738 725 706 762
Complaint : REPAIR FIRE DAMAGE
Correction : TOOK PHOTOS OF FIRE DAMAGED TRACTOR.
ASSESSED THE DAMAGE OF THE FIRE.
ORDERED HARNESS.

REMOVED THE FOLLOWING.
STEPS.
ENGINE COVERS.
AIR FILTER HOUSING.
CAB FRONT PLASTIC COVER.
REMOVED ENGINE WIRING HARNESS FROM ENGINE TO CABIN.
REMOVED HARNESS FROM TRACTOR.
ROUTED NEW WIRING HARNESS FROM ENGINE THROUGH TO CABIN AND
VARIOUS CONNECTORS.
REINSTALLED STEPS.
ENGINE COVERS.
AIR FILTER HOUSING AND PANELS AROUND BATTERY BOX.
STARTED TRACTOR INSPECTED FOR FAULTCODES CLEARED INACTIVE
CODES.
RAN TRACTOR.
TEST DROVE ALL OK.

INVESTIGATED FAULTS ON MACHINE.
CARRIED OUT TROUBLESHOOT ON CODES.
INSPECTED HARNESSING AND FOUND HARNESS TO STEERING ANGLE
SENSOR WAS DAMAGED.
REMOVED HARNESS.
REPAIRED HARNESS.
FITTED REPAIRED HARNESS.
TESTED OPERATION.
FOUND NO CODES RETURNED.
TESTED AUTO GUIDANCE.
.

Job number : 3 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 725 738 762 706
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

Correction : TRAVEL TO MACHINE AND BACK X4.

R.O No. : Y4139 R.O Date : 01/06/23 Dept : S
RO total 1,186.71 Kilometres: 2036 Advisor No. : 720
Cus total 448.55 War total 738.16 Int total 0.00

Job number : 1 Operation 15IHZZ//02 Desc. DATABUS INFORMATION CONTROL SY
Sale type : W Technician No(s). 706
Complaint : VEHICL CONTROLLER COMMUNICATION FAULT WITH ARMREST
CONTROLLER
Cause : FAULTY PINS IN MAIN CONNECTOR.

Correction : INVESTIGATED ARMREST GOING OFFLINE.
INSPECTED CONNECTORS AND HARNESS.

FOUND PINS IN HARNESS CONNECTOR OK.
FOUND NO DAMAGE TO HARNESS.
WHEN CARRYING OUT WIGGLE TEST ON HARNESS FOUND WIRES IN
CONNCTOR LOOSE.
CARRYIED OUT TEMPORARY REPAIR TO ENABLE CUSTOMER TO STILL
MACHINE WHILE WAITING FOR NEW HARNESS.
REMOVED AND REPLACED HARNESS.
REMOVED AND REFITTED COVERS AND CLAMPS THAT SECURE HARNESS.
TESTED ALL OK.

Warranty : Claim no. Operation no. Claim no. Operation no.
 302300212 15IHZZ//02

Job number : 2 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 706
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

Correction : TRAVEL TO MACHINE AND BACK.

R.O No. : Y4115 R.O Date : 30/05/23 Dept : S
RO total 2,185.04 Kilometres: 2034 Advisor No. : 720
Cus total 349.80 War total 1,835.24 Int total 0.00

Job number : 1 Operation 15IHZZ//02 Desc. DATABUS INFORMATION CONTROL SY
Sale type : W Technician No(s). 706

Complaint : ISB TIMEOUT
 F-UT-145
 ALL SCREENS IN A LOOP OF POWER UP SHUTDOWN ,POWER UP
 SHUTDOWN ETC..
Cause : INTERNA FAULT WITH UCM

 COMPLETE CNH PIP CA4522 LEVEL 1 ACTION
Correction : R&R PANNELS TO GAIN ACCESS
 TEST AND CONFIRM FAULT IS WITH UCM

 ORDER PART
 SAVE CONFIGURATION FILES
 R&R UCM
 RECONFIGURED
 PUT IN THD FOR SPEED REGISTRAION AND UNLOCK TRANSFURES
 THD CAME BACK PROGRAMED CODES INTO UCM

 3RD PARTY UNLOCK MISSING
 CALL UP PRODUCT SUPPORT FOR MACHINE UNABLE TO ASSIST TOLD
 NEEDED TO TALK TO PRESCION FARMING
 SEVERAL ATTEMPTS MADE TO REACH PRECISION FARMING SUPPORT
 PRECISION FARMING FINALLY CAME BACK WITH REQUIRED UNLOCKS
 PROGRAHM IN UNLOCKS AND TEST MACHINE ALL O.K

Warranty : Claim no. Operation no. Claim no. Operation no.
 302300204 15IHZZ//02

Job number : 2 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 706
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

R.O No. : Y4097 R.O Date : 19/05/23 Dept : S
RO total 1,392.64 Kilometres: 1986 Advisor No. : 721
Cus total 146.85 War total 1,245.79 Int total 0.00

Job number : 1 Operation 03IHZZ//04 Desc. TRANSMISSION HYDRAULIC SYSTEM
Sale type : W Technician No(s). 706
Complaint : OIL LEAK FROM UNDER CAB.

Cause : LEAKING CRIMPS ON HOSE.

Correction : INSPECT HOSE AND FOUND OIL LEAKING FROM AROUND CRIMPS.
 REMOVED HOSE AND OTHER HOSES AROUND TO GAIN ACCESS TO
 FITTINGS.
 REPLACED O-RINGS ON FITTINGS.
 REFITTED NEW HOSE AND REFITTED OTHER HOSES.
 TESTED FOR LEAKS ALL OK.
 CHECKED HYD/TRANS OIL ALL OK.

Warranty : Claim no. Operation no. Claim no. Operation no.
 302300195 03IHZZ//04

Job number : 2 Operation 03IHZZ//01 Desc. BASE TRANSMISSION REPAIR/OVERH
Sale type : W Technician No(s). 706
Complaint : OIL LEAK FROM UNDER CAB.

Cause : LEAKING CRIMP ON HOSE

Correction : INSOECTED HOSE AND FOUND OIL LEAKING FROM AROUND CRIMP.

REMOVED HOSE AND OTHER HOSES TO ALLOW ACCESS TO FITTINGS.
REPLACED O-RINGS.
REFITTED NEW HOSE AND REFITTED OTHER HOSES.
TESTED FOR LEAKS ALL OK.
CHECK OIL LEAVL ALL OK.

Warranty : Claim no. Operation no. Claim no. Operation no.
 302300195 03IHZZ//01

Job number : 3 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL

Sale type : C Technician No(s). 706

Complaint : TRAVEL.

Correction : TRAVEL TO MACHINE.

R.O No. : Y4095 R.O Date : 18/05/23 Dept : S
RO total 404.91 Kilometres: 1984 Advisor No. : 720
Cus total 0.00 War total 404.91 Int total 0.00

Job number : 1 Operation 15IHZZ//01 Desc. BASE ELECTRICAL SYSTEM REPAIR/
Sale type : I Technician No(s). 706
Complaint : FAULT CODE - F-519516-03

Cause : FAULTY CONNECTOR AT TWILIGHT SENSOR.

Correction : CARRIED OUT GUIDED TROUBLESHOOT AS PER ETIM.
REMOVED AND REFITTED REAR PANELS IN CAB TO ACCESS
CONNECTORS.
TESTED POWER TO BCM AS STATED IN TROUBLESHOOT ALL OK.
CHECKED TWILIGHT SENSOR.
FOUND YELLOW WIRE AT CRIMP NOT SECURE.
REPAIRED CONNECTOR.
TESTED OK.

Job number : 2 Operation 15IHZZ//02 Desc. DATABUS INFORMATION CONTROL SY
Sale type : W Technician No(s). 706
Complaint : FAULT CODE - F5111-09 AND 5111-19

Cause : EXTERNAL FAULT WITH IGNITION SWITCH

Correction : INVESTIGATED FAULT CODE.
CARRIED OUT GUIDED TEST PROCEDURE ON ETIM FOR CODES ALL
TESTED OK.
ON MONITORING CIRCUITS WITH EST FOUND THAT POWER IGNITION
SWITCH STAYED ON AFTER THEY WERE TURNED OFF CAUSING FAULTS
TO STAY ACTIVE.
REMOVED AND REFITTED PANNELS TO ACCESS IGNITION SWITCH.
REPLACED SWITCH.
TESTED ALL OK.

Warranty : Claim no. Operation no. Claim no. Operation no.
 302300180 15IHZZ//02

Job number : 3 Operation 01IHZZ//01 Desc. BASE ENGINE REPAIR/OVERHAUL
Sale type : I Technician No(s). 706
Complaint : COOLANT LEAK.

Cause : HOSE NOT SEALING ON PIPE.

Correction : INSPECTED COOLANT LEAK.
REMOVED AND REFITTED HEATER HOSE.
INSPECTED PIPE FOR DAMAGE ALL OK.
TRIMED HOSE.
REFITTED.
TOPPED UP COOLANT.
TESTED OK.

R.O No. : Y4082 R.O Date : 15/05/23 Dept : S
RO total 3,967.65 Kilometres: 1984 Advisor No. : 720
Cus total 3,967.65 War total 0.00 Int total 0.00

Job number : 1 Operation 17IHZZ//20 Desc. 2000 HOUR SERVICE
Sale type : C Technician No(s). 706 757
Complaint : magnum 2000hr service

Correction : CARRY OUT SERVICE AS PER CHECK LIST:

Check over the engine and all associated plumbing.
change the engine oil and filter.
Change engine crankcase filter and gasket.
Change fuel filters.
Check the engine coolant level.
Check all engine charge air system hose clamps.
Replace both the primary and secondary engine air filters .
Inspected the engine drive belts.
Check over the transmission.
Check over the rear differential and all associated plumbing for oil leaks.
Check all battery cell levels.
Test battery static voltage
Battery 1 - 13.4 Battery 2 - 13.4
Check horn operation.
Check rotating beacons.
Check hazard lights.
Check signal lights.
Check all field lights.
Open fuel drain valve.
Replace cabin air filter.
Replace cabin air recycle filters.
Clean the engine radiator, transmission cooler, charge air cooler, fuel.
Rest the following service intervals.
Engine oil and filter change: 500 hours.
Fuel filter change: 500 hours.
Battery service: 500 hours.
Cabin air filter clean: 500 hours.
Check over the steering hydraulic system .
Replace the oil in the front differential and planetries.
Test drive machine

R.O No. : Y3988 R.O Date : 15/04/23 Dept : S

26/02/26
13:30:19

History Listing

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RO total 5,636.13 Kilometres: 1744 Advisor No. : 720
Cus total 0.00 War total 5,636.13 Int total 0.00

Job number : 1 Operation 11IHZZ//01 Desc. BASE CHASSIS/FRAME REPAIR/OVER
Sale type : W Technician No(s). 741
Complaint : CHECK CAUSE FOR OIL LEAK UNDER CAB

Cause : SEALS IN LH AND RH CAB SUSP STRUTS NOT SEALAING

Correction : CARRY OUT TROUBLESHOOTING CHECKS FOUND OIL LEAKING FROM BOTH
LH
AND RH CAB
SUSPENSION STRUTS ASSY . CAB STRUT SHAFT SEALS NOT SEALING
CORRECTLY REMOVE CAB SHOCK STRUT ASSY . CONNECT
EST TO RAISE AND LOWER CAB TO BLEED AIR FROM STRUT .
CALIBRATE CAB SUSPENSION . RECHECK ALL OK SRT CLAIMED
TWICE
AND LH AND RH WERE REPLACED

Warranty : Claim no. Operation no. Claim no. Operation no.
302300135 11IHZZ//01

R.O No. : Y3900 R.O Date : 24/03/23 Dept : S
RO total 525.00 Kilometres: 1708 Advisor No. : 721
Cus total 0.00 War total 0.00 Int total 525.00

Job number : 1 Operation 24IHZZ//01 Desc. CASEIH REWORK
Sale type : I Technician No(s). 741
Complaint : AUTO GUIDANCE NOT WORKING.

Correction : REMOVE COVER IN CAB NEAR AUTO GUIDANCE HARNESS.
RECHECK ALL PLUGS & TRY AUTO GUIDANCE - DIDN'T WORK.
SWAP X1 PLUG INTO A DIFFERENT SPOT.
TURN ON AUTO GUIDANCE - LOADING.
TEST DRIVE MACHINE - AUTO GUIDANCE WORKING.
MACHINE OPERATING CORRECTLY.

Job number : 2 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL
Sale type : I Technician No(s). 741
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME
TRAVEL.

Correction : TRAVEL TO MACHINE AND BACK.

R.O No. : Y3848 R.O Date : 07/03/23 Dept : S
RO total 2,114.05 Kilometres: 1704 Advisor No. : 720
Cus total 903.55 War total 570.00 Int total 640.50

Job number : 1 Operation 15IHZZ//01 Desc. BASE ELECTRICAL SYSTEM REPAIR/
Sale type : W Technician No(s). 741 711
Complaint : NO THROTTLE CONTROL AND MUTIPLE FAULT CODES

Cause : WIRE AR-697 BROKEN IN HARNESS 48181672.

Correction : CONNECT EST & SCAN FOR FAULT CODES & SAVE.
CARRY OUT TROUBLESHOOTING PROCEDURE FOR FAULT CODE 5111-09.
CARRY OUT GUIDED PROCEDURE 522834-05 CARRIED OUT TESTING -
NO FAULT FOUND DURING TESTING.
CARRIED OUT TESTING - NO FAULT FOUND IN WIRING.
RAISE THD - 1076245
FIT NEW UCM3 AS PER THD 107624945 & KA000005945.

ONCE FITTED NEW UCM3B ATTEMPTED TO PROGRAM NEW UCM -
COMMUNICATION ISSUE RAISE THD 107669769.
AS PER THD 107669769 TOOK A DIFFERENT DPA5 & EST TO THE
MACHINE UCM PROGRAMMED NORMALLY.
INSTALLED V32.13 SOFTWARE CARRIED OUT SETTING THE GENERAL
CONFIGURATIONS & THE SPEED REGISTRATION & ENGINE DATASET
REGISTRATION.
TOOK THE MACHINE FOR ATEST DRIVE - FAULTED AGAIN ONCE THE
SEAT WAS TURNED / BOUNCED.
RESTART MACHINE & TEST HARNESS.
WHEN FLEXED MACHINE FAULTS.
UNPLUG PRO 1200 FROM HARNESS X024R & FLEX HARNESS NO FAULT
OCCURRED.
UNPLUGGED CONNECTOR X024R - REMOVED BACK OF PLUG FOUND WIRE
FROM PIN 10-AR-697AK BROKEN.
REMOVE HARNESS SHEETH.
REPAIR WIRE & TEST HARNESS NO FAULT FOUND.
PLUGGED PRO 1200 BACK IN & NO FAULT OCCURRED REMOVE VCM3 &
REFIT ORIGINAL UCM 2 & CHECK FOR FAULT.
NO FAULT FOUND.
TST DRIVE MACHINE.
MACHINE TESTED OK.

Warranty : Claim no. Operation no. Claim no. Operation no.
 302300103 15IHZZ//01

Job number : 2 Operation 24IHZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 741 711
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

Correction : TRAVEL TO MACHINE AND BACK. X 3

Job number : 3 Operation 24IHZZ//04 Desc. CASEIH TRAINING
Sale type : I Technician No(s). 711
Complaint : TRAINIG ON UCM REPLACEMENT (AS PER HW)
Correction : TRAINING EWAN ON UCM REPLACEMENT IN AFS CONNECT MAGNUMS IN
PREP FOR UPCOMING PIPS

R.O No. : Y3785 R.O Date : 20/02/23 Dept : S
RO total 1,146.84 Kilometres: 1597 Advisor No. : 720
Cus total 652.85 War total 493.99 Int total 0.00

Job number : 1 Operation 15IHZZ//02 Desc. DATABUS INFORMATION CONTROL SY
Sale type : W Technician No(s). 714 741
Complaint : pto fault f2910-05
Cause : FAULTY SOLENOID.

Correction : 22/02/2023
CHECK FAULT CODES ON PRO 1200.
BLOW DOWN TOP OF TRANSMISSION FROM DEBRIS AS IT WAS
COVERED.
INSPECT PTO SOLENOID RESISTANCE 9.7 TESTS OK.
CONNECTOR TO PLUG DIRTY CLEAN DOWN PLUG.
TEST CONTINUITY ON HARNESS BETWEEN CONNECTOR PLUG TO
SOLENOID PLUG TESTS OK.
CHECK EARTH CABLES ALL OK.
ENGAUGE PTO AND RUNS OK CANNOT GET PTO TO FAULT DISENGAGE
AND ENGAGE MULTIPLE TIMES WHILST DRIVING CANNOT FAULT PTO.

27/02/2023
RUN MACHINE UNTIL FAULT OCCURRED - CHECKED SOLENOID &
HARNESSES CHECKED OUT.
SOLENOID WAS READING 11 OHMS.
REFLASHED THE DEC MODULE AFTER TALKING TO PRODUCT
SPECIALIST.
FAULTED AGAIN REPLACE PTO SOLENOID.
TEST MACHINE TESTED OK.

Warranty : Claim no. Operation no. Claim no. Operation no.
302300074 15IHZZ//02

Job number : 2 Operation 24IHZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 741
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

Correction : TRAVEL TO MACHINE AND BACK 2 X TRIPS

R.O No. : Y3738 R.O Date : 06/02/23 Dept : S
RO total 1,547.22 Kilometres: 1597 Advisor No. : 720
Cus total 376.50 War total 1,170.72 Int total 0.00

Job number : 1 Operation 24IHZZZZZ Desc. MISCELLANEOUS CODES
Sale type : W Technician No(s). 714 701 738
Complaint : bonnet decals fallen off

Cause : FALLEN OFF.

Correction : DECAL FALLEN OFF L/H AND RH SIDE BONNET.
CLEAN OFF OLD GLUE OFF WASH BONNET ON L/H AND R/H SIDE.
REFIT NEW DECAL TO LH AND RH SIDE OF BONNET.
CLEAN DOWN NEW DECAL.

Warranty : Claim no. Operation no. Claim no. Operation no.
 302300081 24IHZZZZZZ

Job number : 2 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 701 738
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME
TRAVEL.

Correction : TRAVEL TO MACHINE.

R.O No. : Y3694 R.O Date : 24/01/23 Dept : S
RO total 5,764.30 Kilometres: 1597 Advisor No. : 720
Cus total 5,764.30 War total 0.00 Int total 0.00

Job number : 1 Operation 17IHZZ//15 Desc. 1500 HOUR SERVICE
Sale type : C Technician No(s). 711 714 758
Complaint : MAGNUM 1500HR SERVICE
Correction : CARRY OUT SERVICE AS PER CHECK LIST:

CONNECT EST AND RETRIEVE ALL FAULT CODES. DELETE ALL
INACTIVE CODES.
CHANGE THE ENGINE OIL AND FILTER. (MAKE SURE YOU USE
THE CORRECT SIZE SPANNER AND NOT A SHIFTER.)
CHECK OVER THE ENGINE AND ALL ASSOCIATED PLUMBING TO VERIFY
THAT NO OIL/COOLANT LEAKS ARE PRESENT.
CHANGE THE FUEL FILTERS.
CHECK THE ENGINE COOLANT LEVEL.
CHECK ALL ENGINE CHARGE AIR SYSTEM HOSE CLAMPS FROM THE
TURBO OUTLET THROUGH TO THE CHARGE AIR COOLER AND INTO THE
ENGINE AIR INTAKE AIR HORN.
CLEAN OUTER AIR FILTER
DRAIN THE TRANSMISSION OIL. MAKE SURE ALL 6 DRAIN BUNGS ARE
REMOVED. ONCE DRAINED REMOVE THE FILTER SCREEN FROM THE
TRANSMISSION AND CLEAN.
REPLACE SEAL AND GASKET AND REFIT TO MACHINE.
TIGHTEN ALL TRANSMISSION BUNGS AND REFILL TRANSMISSION.
REPLACE BOTH THE TRANSMISSION AND HYDRAULIC FILTERS.
START MACHINE AND RECHECK OIL LEVEL. TOP UP AS REQUIRED.
DISCONNECT AND REMOVE BOTH BATTERIES FROM THE MACHINE.
CHECK ALL BATTERY CELL LEVELS AND TOP UP IF REQUIRED.
TEST AND NOTE EACH BATTERY STATIC VOLTAGE.
REINSTALL THE BATTERIES AND CHECK THAT THE BATTERY
TERMINALS ARE CLEAN AND TIGHT.
CHECK FOR CORRECT HORN OPERATION.
CHECK FOR THE CORRECT OPERATION OF THE ROTATING BEACONS.
CHECK ALL HAZARD LIGHTS FOR CORRECT OPERATION.
CHECK ALL TURN SIGNAL LIGHTS FOR CORRECT OPERATION IN BOTH
DIRECTIONS.
CHECK FOR THE CORRECT OPERATION OF ALL FIELD WORKING
LIGHTS. VERIFY HIGH BEAM OPERATION IS FUNCTIONING CORRECTLY.
OPEN FUEL TANK DRAIN VALVE AND ENSURE WATER SEDIMENT IS
DRAINED FROM FUEL TANK.
REMOVE AND CLEAN THE CABIN AIR FILTER.
REMOVE AND CLEAN THE CABIN AIR RECYCLE FILTERS.
CLEAN THE ENGINE RADIATOR, TRANSMISSION COOLER, CHARGE AIR
COOLER, FUEL COOLER AND A/C CONDENSER WITH COMPRESSED AIR.

ENTER THE PERFORMANCE MONITOR SERVICE INTERVAL AND RESET THE FOLLOWING FEATURES:
 ENGINE OIL AND FILTER CHANGE: 500 HOURS.
 BATTERY SERVICE: 500 HOURS.
 CABIN AIR FILTER CLEAN: 500 HOURS.
 TRANSMISSION OIL & FILTER CHANGE: 1500 HOURS.
 CHECK OVER THE STEERING HYDRAULIC SYSTEM FOR ANY LEAKS.
 CHECK THE OIL LEVEL IN THE FRONT DIFFERENTIAL AND PLANETRIES. CHECK OVER THE FRONT DIFFERENTIAL AND FINAL DRIVES FOR OIL LEAKS.
 WHILST THE ENGINE IS RUNNING VERIFY THE OPERATION OF BOTH THE REAR MUDGUARD MOUNTED HITCH UP/DOWN SWITCHES.
 CHECK WHEEL BOLT TENSIONS. CHECK BOTH FRONT AND REAR BOLTS INCLUDING WHEEL WEIGHT BOLTS.
 HEAT TRANSMISSION/HYDRAULIC OIL UP TO 65 DEGREES.
 VERIFY THAT TRANSMISSION OIL PRESSURE (REGULATED) IS WITHIN SPECIFICATION. SEE SERVICE MANUAL.
 CALIBRATE TRANSMISSION AS INSTRUCTED IN THE SERVICE MANUAL.
 CALIBRATE THE FRONT SUSPENSION AS INSTRUCTED IN THE SERVICE MANUAL.
 CALIBRATE AUXILIARIES AS INSTRUCTED IN THE SERVICE MANUAL.
 CALIBRATE THE HITCH AS INSTRUCTED IN THE SERVICE MANUAL.
 CHECK OVER THE REAR DIFFERENTIAL AND ALL ASSOCIATED PLUMBING FOR OIL LEAKS.
 NOTE ANY LEAKS:
 CHECK OVER THE TRANSMISSION AND ALL ASSOCIATED PLUMBING FOR OIL LEAKS.
 TEST DRIVE TRACTOR AND NOTE ANY FAULTS.
 FAULTS:
 GREASE COMPLETE MACHINE.
 CHECK THAT THE STEERING COLUMN TILT AND TELESCOPE FUNCTIONS WORK CORRECTLY.

 FIT SERVICE STICKER.

Job number : 2 Operation 24IHZZZ09 Desc. TRAVEL RETAIL
 Sale type : C Technician No(s). 714 758
 Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

Correction : TRAVEL TO MACHINE.

 R.O No. : Y3390 R.O Date : 22/11/22 Dept : S
 RO total 3,904.75 Kilometres: 1086 Advisor No. : 720
 Cus total 3,904.75 War total 0.00 Int total 0.00

Job number : 1 Operation 17IHZZ//10 Desc. 1000 HOUR SERVICE
 Sale type : C Technician No(s). 736 741
 Complaint : magnum 1000 hr service
 Correction : CARRY OUT SERVICE AS PER CHECKLIST.
 CHECK THE TRANSMISSION OIL LEVEL.
 CONNECT EST AND RETRIEVE ALL FAULT CODES.
 WARM UP ENGINE TO OPERATING TEMP, STOP THE ENGINE AND CHANGE THE THE ENGINE OIL AND FILTER.
 CHANGE CRANKCASE FILTER AND GASKET.
 CHECK OVER THE ENGINE AND ALL ASSOCIATED PLUMBING TO VERIFY THAT NO OIL/ COOLANT LEAKS ARE PRESENT.
 CHANGE FUEL FILTERS.
 CHECK THE ENGINE COOLANT LEVEL TOP UP BOTH THE COOLANT HEADER TANK AND AND OVERFLOW BOTTLE.
 CHECK ALL ENGINE CHARGE AIR SYSTEM HOSE CLAMPS FROM THE TURBO OUTLET THROUGH THE CHARGE AIR COOLAER AND INTO THE ENGINE AIR INTAKE HORN.
 REPLACE BOTH THE PRIMARY AND SECONDARY ENGINE AIR FILTERS AND CHECK THAT THEY ARE INSTALLED CORRECTLY.
 REPLACE THE ENGINE DRIVE BELTS.

CHECK OVER THE TRANSMISSION AND ALL ASSOCIATED PLUMBING FOR OIL LEAKS.
CHECK OVER THE REAR DIFFERENTIAL AND ALL ASSOCIATED PLUMBING FOR OIL LEAKS.
DISCONNECT AND REMOVE BOTH BATTERIES FROM THE MACHINE CHECK ALL BATTERY CELL LEVELS.
TEST AND NOTE EACH BATTERY STATIC VOLTAGE.
REINSTALL THE BATTERIES AND CHECK THAT THE BATTERY TERMINALS ARE CLEAN AND TIGHT.
CHECK FOR CORRECT HORN OPERATION.
CHECK FOR THE CORRECT OPERATION OF THE ROTATING BEACONS.
CHECK ALL HAZARD LIGHTS FOR CORRECT OPERATION.
CHECK ALL TURN SIGNAL LIGHTS FOR CORRECT OPERATION IN BOTH DIRECTIONS.
CHECK FOR THE CORRECT OPERATION OF ALL FIELD LIGHTS
VERIFY HIGH BEAM OPERATION IS FUNCTIONING CORRECTLY..+
OPEN FUEL TANK DRAIN VALVE AND ENSURE WATER SEDIMENT IS DRAINED FROM FUEL TANK.
REPLACE THE CABIN AIR FILTER.
REPLACE THE CABIN AIR RECYCLE FILTERS.
CLEAN THE ENGINE RADIATOR TRANSMISSION COOLER CHARGE AIR FUEL COOLER AND A/C CONDENSER WITH COMPRESSED AIR.
ENTER THE PERFORMANCES MONITOR SERVICE INTERVAL AND RESET THE REMINDERS
CHECK OVER THE STEERING HYDRAULIC SYSTEM FOR ANY LEAKS.
REPLACE THE OIL IN FRONT DIFFERENTIAL AND PLANTARIES.
WHILST ENGINE IS RUNNING VERIFY THE OPERATION OF BOTH THE REAR MUDGUARD MOUNTED HITCH UP/DOWN SWITCHES.
CHECK WHEEL BOLTS TENSIONS CHECK BOTH FRONT AND REAR BOLTS INCLUDING WHEEL WEIGHT BOLTS.
HEAT TRANSMISSION/HYDRAULIC OIL UP TO
.
VERIFY THAT TRANSMISSION OIL IS REGULATED IS WITHIN SPEC.
GREASE COMPLETE MACHINE.
CHECK THAT STEERING COLUMN TILT AND TELESCOPE FUNCTIONS WORK CORRECTLY.
REMOVE ALL RUBBISH FROM CABIN AND SWEEP OUT THE ENTIRE CABIN FLOOR.
FIT SERVICE STICKER.

Job number : 2 Operation 24IHZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 736 741
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

Correction : TRAVEL TO AND FROM MACHINE

R.O No. : Y3130 R.O Date : 02/09/22 Dept : S
RO total 582.03 Kilometres: 559 Advisor No. : 720
Cus total 0.00 War total 582.03 Int total 0.00

Job number : 1 Operation 15IHZZ//06 Desc. STARTING SYSTEM REPAIR
Sale type : W Technician No(s). 706
Complaint : TRACTOR WILL NOT START
Cause : BATTERY FAILED
Correction : INVESTIGATED STARTING CONCERN - REMOVED BATTERY COVER.
CHECKED BATTERIES AND CLAMPS.
TESTED BATTERY CHARGE FOUND TO BE UNDER 12 VOLTS.
JUMP STARTED TRACTOR.
TESTED OUTPUT OF ALTERNATOR.
FOUND ALTERNATOR OUTPUT WAS 14 VOLTS.
REMOVED BATTERIES AFTER RUNNING FOR 15 MINUTES AND UNABLE
TO RESTART TRACTOR.
CARRIED OUT BATTERY LOAD TEST AND CHECKLIST AS PER
PAPERWORK.
FOUND BATTERIES FAILED TEST.
REPLACED BATTERIES.
RETESTED ALL OK.

VISUAL CHECKS: SLIGHT BULGE IN ENDS OF BATTERY.
SPECIFIC GRAVITY (STATE OF CHARGE TEST): 6.69 VOLTS.
OPEN CIRCUIT (STATE OF CHARGE TEST:) CELLS TESTED 1.15 ON
REFRACTOMETER.
HEAVY LOAD DISCHARGE TEST: FAILED TEST.
CHARGE ACCEPTANCE TEST: DIDN'T RECHARGE.

2ND BATTERY TEST CHECKLIST:
VISUAL CHECK ALL OK.
SPECIFIC GRAVITY (STATE OF CHARGE TEST); 6.35 VOLTS.
OPEN CIRCUIT (STATE OF CHARGE TEST): CELLS TESTED 1.20 ON
REFRACTOMETER. FAILED TEST.
HEAVY LOAD DISCHARGE TEST: FAILED TEST.
CHARGE ACCEPTANCE TEST: DIDN'T RECHARGE.

Warranty : Claim no. Operation no. Claim no. Operation no.
 302200348 15IHZZ//06

R.O No. : Y3067 R.O Date : 05/08/22 Dept : S
RO total 1,131.39 Kilometres: 553 Advisor No. : 721
Cus total 0.00 War total 1,131.39 Int total 0.00

Job number : 1 Operation 24IHZZZZZ Desc. MISCELLANEOUS CODES
Sale type : W Technician No(s). 701
Complaint : DECAL'S LIFTING OFF BONNET.
Cause : ADHESIVE LET GO.

Correction : REMOVE OLD ADHESIVE FROM BONNET.
CLEAN DOWN BONNET WITH WASH AND GREASE REMOVER TO L/H AND
R/H SIDE.
FIT NEW DECAL TO BONNET ON L/H AND R/H SIDE.
CLEAN DOWN DECAL AND PACK UP TOOLS.

Warranty : Claim no. Operation no. Claim no. Operation no.
 302200359 24IHZZZZZ

R.O No. : Y3064 R.O Date : 04/08/22 Dept : S
RO total 2,685.59 Kilometres: 553 Advisor No. : 721
Cus total 0.00 War total 2,685.59 Int total 0.00

Job number : 1 Operation 24IHZZZZZ Desc. MISCELLANEOUS CODES
Sale type : W Technician No(s). 714 725 711 741 701 738
Complaint : DIAGNOSE AND REPAIR GUIDANCE FAULT

Cause : CRACKED/SPLIT BEARING ON TOP KING PIN ASSEMBLY
Correction : INSPECTED MACHINE AND CONFIRMED FAULT (ACTIVE)
TRIED TO CALIBRATE (UNSUCCESSFUL)
CARRIED OUT ELECTRICAL TROUBLESHOOTING OF HARNESS. OK
CARRIED OUT ELECTRICAL TROUBLESHOOTING OF SENSOR. NOT
OK/READING.
REMOVED FAILED SENSOR, UPON REMOVAL DISCOVERED STEERING
SENSOR SHAFT BENT AND LOOSE.
JACKED LEFT HAND FRONT AXLE TO REMOVE LOOSE BENT SHAFT.
DISCOVERED EXCESSIVE MOVEMENT IN KING PIN WHEN HUB WAS
LIFTED OFF GROUND ON LEFT HAND SIDE.
PROCEEDED TO LIFT AND FIT SAFETY STANDS
REMOVED LEFT HAND SIDE WHEEL
2 X WHEEL NUTS STRIPPED ON THREAD WHEN ATTEMPTING TO LOOSEN
CUT 2 X WHEEL NUTS AND STUDS TO WHEEL COULD BE REMOVED
REMOVED MUDGAURD ASSEMBLY TO ACCESS KINGPIN
REMOVED STEERING RAM AND TIE ROD/DAGLINK
REMOVED BOTH UPPER AND LOWER KINGPINS
REMOVED HUB FROM FRONT AXLE
DISCOVERED STEERING ANGLE SENSOR SHAFT STRIPPED OUT OF
THREAD IN FRONT AXLE HOUSING
DRILL OUT AND FIT NEW HELICOIL THREAD
FIT NEW BEARING AND SEALS TO 1 x NEW UPPER KING PIN
FIT HUB BACK ONTO FRONT AXLE ASSEMBLY
FIT NEW STEERING ANGLE SENSOR SHAFT
FIT KING PINS AND SHIM AS REQUIRED
FIT NEW STEERING ANGLE SENSOR
FIT 2 X WHEEL STUDS AND NUTS
REFIT WHEEL TO FRONT HUB AND TENSION TO SPECS
REFIT MUDGAURD ASSEMBLY
LOWER MACHINE TO THE GROUND
CALIBRATE STEERING ALL OK
COMPLETE PAPERWORK

Warranty : Claim no. Operation no. Claim no. Operation no.
 302200355 24IHZZZZZ

R.O No. : Y2979 R.O Date : 16/07/22 Dept : S
RO total 2,112.60 Kilometres: 491 Advisor No. : 720
Cus total 870.10 War total 0.00 Int total 1,242.50

Job number : 1 Operation 15IHZZ//01 Desc. BASE ELECTRICAL SYSTEM REPAIR/
Sale type : I Technician No(s). 706 701 738
Complaint : Steering angle fault

Correction : INVESTIGATED STEERING FAULT.
CALIBRATED STEERING SENSOR.
FOUND SENSOR CALIBRATED.
WHEN MOVED FOUND LOST CALIBRATION REMOVED AND REFITTED MUD
GUARD MOUNT.
REMOVED SENSOR AND SHAFT.
FOUND SHAFT WAS BENT.
REMOVED AND REFITTED MUD GUARD MOUNT.
REMOVED AND REFITTED STEERING ANGLE SENSOR.
REPLACED BENT SHAFT.
SETUP SHAFT.
CALIBRATED STEERING.
TESTED OK.
INVESTIGATED ON GOING STEERING FAULT.
REMOVED AND REFITTED MUDGUARD MOUNT.
REMOVED AND REFITTED SENSOR.
REMOVED AND REFITTED TOP HANDLE.
MEASURED SHIMS FOUND BOTH THE SAME.
FITTED HELICOIL IN HOLE.
REBUILT AND TESTED FOUND WOULD CALIBRATE BUT FAIL.
FOUND SENSOR STARTED TO CAUSE FAULT CODE AFTER CALIBRATING.
REPLACED SENSOR AND RECALIBRATED.
TESTED STEERING FOUND IT FAILED UNDERMOVEMENT.
TALKED TO PRODUCT SUPPORT MEMBERS.
REMOVED AND FOUND SHAFT HAD BROKEN AT THREAD.
ENTERED THD CONCERN.
REMOVED AND REFITTED MUDGUARD MOUNT.
REMOVED AND REFITTED NEW SENSOR.
REMOVED AND REPLACED SENSOR SHAFT.
REMOVED BROKEN THREAD FROM HOUSING FAN SENSOR SHAFT.
REMOVED AND REFITTED TOP KNUCKLE.
CHECKED THREAD DAMAGE ALL OK.
CALIBRATED STEERING.
TESTED ALL OK.

Job number : 2 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 706
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

Correction : TRAVEL TO MACHINE AND BACK.

R.O No. : Y2927 R.O Date : 29/06/22 Dept : S
RO total 918.16 Kilometres: 507 Advisor No. : 720
Cus total 391.60 War total 526.56 Int total 0.00

Job number : 1 Operation 20IHZZ//01 Desc. AUTOGUIDANCE SYSTEM INSTALLATI
Sale type : W Technician No(s). 722 738
Complaint : unit will not engage auto steer

Cause : FAULTY BRAKE ASSISTED STEERING SENSOR AND BROKEN STEERING
ANGLE
SENSOR PIN.

Correction : FOLLOWED FAULT CODES ON PRO 1200 CONNECTED EST.
FOUND HIGH VOLTAGE FOR BAS LEFT SPEED SENSOR.
TESTED FOR 5 VOLTS AND EARTH AND CONTINUITY ON SIGNAL WIRE
ALL GOOD.
R&R LEFT BRAKE ASSISTED STEERING SPEED SENSOR.
CLEARED FAULT ALL GOOD.
PRIMARY STEERING ANGLE SENSOR WOULD NOT CALIBRATE.
MONITERED VOLTAGE WITH MULTIMETER NO CHANGE IN VOLTAGE
ACROSS STEERING CIRCUIT.
REMOVED STEERING ANGLE SENSOR FOUND SENSOR PIN TO BE
SNAPPED OFF INSIDE STEERING NUCKLE.
R&R BROKEN PIN.
JACKED MACHINE TO TAKE WEIGHT REMOVED KING PIN TO GAIN
ACCESS TO BROKEN PIN.

Warranty : Claim no. Operation no. Claim no. Operation no.
 302200273 20IHZZ//01

Job number : 2 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL

Sale type : C Technician No(s). 722 738

Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

Correction : TRAVEL TO MACHINE AND BACK.

R.O No. : Y2920 R.O Date : 27/06/22 Dept : S

planetaries.

Whilst the engine is running verify the operation of both

the rear mudguard mounted hitch up/down switches.
 Check wheel bolt tensions. (See operator's manual)
 Verify that transmission oil pressure (regulated) is within specification. See service manual.
 Pressure before adjustment:
 Pressure after adjustment:
 Grease complete machine.
 This includes the king pins, front suspension points, hitch, including the levelling adjusters. Ensure that the manual adjusters rotate freely to each extreme of the available travel.
 Check that the steering column tilt and telescope functions work correctly.
 Remove all rubbish from the cabin and sweep out the entire cabin floor including the area behind the operator's seat.
 Fit service sticker.

Job number : 2 Operation 24IHZZZ09 Desc. TRAVEL RETAIL
 Sale type : C Technician No(s). 722
 Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

Correction : LM,
 TRAVEL TO MACHINE AND BACK.

 R.O No. : Y2715 R.O Date : 22/04/22 Dept : S
 RO total 1,590.82 Kilometres: 176 Advisor No. : 720
 Cus total 775.50 War total 0.00 Int total 815.32

Job number : 1 Operation 17IHZZ//03 Desc. FIRST SERVICE
 Sale type : C Technician No(s). 722 738
 Complaint : MAG 400 1ST SERVICE
 Correction : 28/4 LM.

CARRY OUT SERVICE AS PER CHECK LIST.
 CHANGED ENGINE OIL AND OIL FILTER.
 CHANGED HYDRAULIC FILTERS.
 CHANGED FUEL FILTERS.
 CHECK WHEEL WEIGHT BOLT TORQUE.
 INSPECTION/OPERATIONAL TEST
 CHANGE FRONT AXLE - PLANETARY OIL.
 CHANGE FRONT AXLE DIFFERENTIAL OIL.
 CALIBRATE POWERSHIFT TRANSMISSION.
 REPLACE MAIN TRANSMISSION OIL FILTER.
 REPLACE REGULATED SYSTEM OIL FILTER.

Job number : 2 Operation 17IHZZ//41 Desc. FIRST SERV PARTS
 Sale type : I Technician No(s). 720
 Complaint : SUPPLY PARTS FOR THE FIRST SERVICE AS REQUIRED.
 Cause : SUPPLY PARTS FOR THE FIRST SERVICE AS REQUIRED.

Job number : 3 Operation 24IHZZZ09 Desc. TRAVEL RETAIL
 Sale type : C Technician No(s). 738
 Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

Correction : TRAVEL TIME

 R.O No. : Y2698 R.O Date : 20/04/22 Dept : S
 RO total 2,084.18 Kilometres: 72 Advisor No. : 720
 Cus total 0.00 War total 1,704.78 Int total 379.40

Job number : 1 Operation 08IHZZ//09 Desc. HYDRAULIC SYSTEM REMOTE SYSTEM

Sale type : W Technician No(s). 706 714
Complaint : oil leaking between valves
Cause : FAILED O-RINGS BETWEEN VALVES NO 3 AND CAB SUSPENSION VALVE.

Correction : CLEANED DOWN AROUND REMOTE VALVES ON LH SIDE.
RAN AND DIAGNOSED LOCATION OF LEAK.
LEAKING BETWEEN NO 3 REMOTE VALVE AND CAB SUSPENSION VALVE.
REMOVED VALVES NO 1,2 & 3 CAB SUSPENSION VALVE AND TRAILER
BRAKE VALVE.
BECAUSE OF REMOVING TENSION ON VALVE TIE BOLTS REPLACED ALL
O-RINGS TO PREVENT FURTHER LEAKS.
REMOVED AND INSPECTED MATING SURFACES ON NO 1,2 & 3 REMOTE
VALVES.
REPLACED ALL O-RINGS ON VALVES AND PIPES.
RE ASSEMBLED.
TENSIONED TIE BOLTS AND PIPES.
REFITTED HOSES.
CLEANED AROUND REPAIRED AREA.
TOPPED UP WITH HYD OIL.
TESTED FOR LEAKS.
ALL OK.

Warranty : Claim no. Operation no. Claim no. Operation no.
302200165 08IHZZ//09

Job number : 2 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL
Sale type : I Technician No(s). 714
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

Correction : travel for warranty claim under 300 hrs

R.O No. : Y2696 R.O Date : 20/04/22 Dept : S
RO total 795.00 Kilometres: 61 Advisor No. : 721
Cus total 0.00 War total 0.00 Int total 795.00

Job number : 1 Operation 15IHZZ//01 Desc. BASE ELECTRICAL SYSTEM REPAIR/
Sale type : I Technician No(s). 706
Complaint : GPS ISSUE.

Correction : 19/4 DP
CONNECTED EST AND CHECKED 3RD PARTY STEERING UNLOCK WAS
INSTALL CORRECTLY.
RESEARCHED CONCERN.

Job number : 2 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL
Sale type : I Technician No(s). 706
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME
TRAVEL TO MACHINE AND BACK.

Correction : TRAVEL TO MACHINE AND BACK.

R.O No. : Y2662 R.O Date : 05/04/22 Dept : S
RO total 1,904.70 Kilometres: 5 Advisor No. : 720
Cus total 1,904.70 War total 0.00 Int total 0.00

Job number : 1 Operation 24IHZZZZZZ Desc. MISCELLANEOUS CODES
Sale type : C Technician No(s). 738 714 701
Complaint : swap front tanks from 380

Cause : using customer original tanks on 400 magnum

Correction :

REMOVE WEIGHTS OFF AFS 400 MAGNUM.

GRIND OFF PAINT WHERE TANKS MOUNT TO.

DISCONNECT ALL SPRAY FITTINGS AND TANKS PFF 380.

FIT TANKS ONTO 400 MAGNUM.

TORQUE BOLTS FOR SPRAY TANKS.

CHECK EVERYTHING IS TORQUED TO SPEC.

GRIND OFF RUST MARKS ON 380 MAGNUM.

REFIT NOSE WEIGHTS ONTO 380 MAGNUM.

TORQUE BOLTS ON NOSE WEIGHTS.

CHECK NOSE WEIGHTS ARE FITTED ON CORRECTLY AND TORQUED TO

SPEC.

REFIT ALL SPRAY FITTINGS ON 400 MAGNUM.

CHECK EVERYTHING IS FITTED CORRECTLY.

R.O No. : Y2602 R.O Date : 22/03/22 Dept : S
RO total 300.00 Kilometres: 5 Advisor No. : 720
Cus total 0.00 War total 300.00 Int total 0.00

Job number : 1 Operation 15IHZZ//02 Desc. DATABUS INFORMATION CONTROL SY
Sale type : W Technician No(s). 722 706
Complaint : CNH PIP CA5721 LEVEL 1 & 3
Cause : SOFTWARE UPDATE.

Correction : CARRIED OUT CNH PIP CA5721 LEVEL 1 AND 2

Warranty : Claim no. Operation no. Claim no. Operation no.
 302200114 15IHZZ//02

R.O No. : Y2598 R.O Date : 21/03/22 Dept : S
RO total 9,407.46 Kilometres: 1 Advisor No. : 721
Cus total 0.00 War total 0.00 Int total 9,407.46

Job number : 1 Operation 17IHZZ//01 Desc. PREDELIVERY SERVICE
Sale type : I Technician No(s). 722 714 741 738 725
Complaint : PRE DELIVERY.

Correction : Armrest Control Module- 0.1.02.00.00
 Body Control Module - 1.9.0.0
 Driveline Electronic Control - 01.03.00.00
 AFS Pro Display - 03.01.00.0
 Instrument Control Module - 01.05.00.0
 Process/ Connectivity Module - 03.01.00.0
 Universal Control Module - 16.11.0.0
 Rear Hydraulic Remotes - 2.3.0.0
 Steering Wheel Sensor - 11153341-B02.
 Steering Redundant Controller -B 1153341-B02
 CNH GNSS/Guidance Re-ceiver - 1.6.0.0
 Cab Suspension Module.
 SOFTWARE AFTER UPDATE.

Armrest Control Module- 0.1.02.00.00
Body Control Module - 1.10.0.0
Driveline Electronic Control - 01.03.00.00
AFS Pro Display - 03.01.00.0
Instrument Control Module - 01.05.00.0
Process/ Connectivity Module - 03.01.00.0
Universal Control Module - 16.11.0.0
Rear Hydraulic Remotes - 2.3.0.0
Steering Wheel Sensor - 11153341-B02.
Steering Redundant Controller -B 1153341-B02
CNH GNSS/Guidance Re-ceiver - 1.6.0.0
Cab Suspension Module.

PRE START UP:

Check and grease all grease points- see locations in operator manual.

Coolant level.

Engine oil.

Front Axle Oil.

Front Hub Oil.

Transmission oil.

LHFO - RHFR

LHRO - RHRO.

If being used, set up the TPMS as per instructions in the Operators Manual.

Check battery voltage-record reading - 12.3 VOLTS.

Load test battery-record test result.

ENGINE:

Check installation, hose/ harness routing and leaks..
Air filters/ pre-cleaners.
Air intake and intercooler.
Check fan and belt tensions.
Cooling system- radiator, hoses clamps.
Exhaust system.
Fuel system- HP pump, fuel lines, fuel filters.
Fuel tank/ filler cap/ tank drain.
Drain water from fuel tank.
Check engine harness routing, correct if required.

TRANSMISSION:

Check installation, hose/ harness routing and leaks..
Correct inching pedal operation and adjustment.
Gear selection and shuttle operation-FNRP.
Gear selection and shuttle operation- MFH.
Oil filters and housing.
Oil pipes/ cooler/ hoses.
Transmission housing.
Transmission/ rear axle buckle up joint.

FRONT AXLE:

Check installation, hose/ harness routing and leaks.
4WD engagement.
Axle/ hub oil seals.
Difflock operation.
Front axle housing.
Oil supply pipes.
FSUS operation.
FSUS accumulator charge- piston end - 800PSI.
FSUS accumulator charge- rod end - 1100 PSI.

REAR AXLE:

Check installation, hose/ harness routing and leaks.
Axle housing.
Rear diff lock.

PTO- FRONT AND REAR:

Check installation, hose/ harness routing and leaks..
PTO guard/ cover.
PTO shaft kit- complete and in cab.
Speed selection- may require shaft change.
PTO Operation.
Fender switch operation.

BRAKES AND CONTROLS:

Check installation, hose/ harness routing and leaks.
Hydraulic service brake operation.
SAHR Park brake operation.
Pipes and hoses.
Hydraulic trailer brake operation.
Park brake release tool in toolbox.

HYDRAULIC SYSTEM:

Check installation, hose/ harness routing and leaks.
Auxilliary couplers- clean and lock correctly.
Remote valve operation.
Test remote configuration via armrest.
1 - EXTENDED 120 LPM RETRACT - 120 LPM.
2 EXTENDED 115 LPM RETRACT - 115 LPM.
3 EXTENDED 115 LPM RETRACT 115 LPM.
4 EXTENDED 120 LPM RETRACT 120 LPM.
5 EXTENDED 125 LPM RETRACT 125 LMP
6 EXTENDED 125 LPM RETRACT 125 LPM.
If any flow is lower than specified value, perform the EHR valve calibration.
Check main and auxiliary hydraulic pumps.
LPSB- check and adjust if necessary Record pressure 1000 PSI.
HPSB- check and adjust if necessary Record pressure 3000 PSI.
Regulated pressure- check and adjust if necessary Record pressure 360 PSI.
EDC valve/ system operation.
Perform hitch calibration.

Inspect hitch cylinders.

HITCHES DRAWBARS AND IMPLEMENT COUPLINGS:

Check installation.

Check rear quick coupler is installed correctly.

Level rear arms.

Check drawbar mounting and installation.

STEERING:

Check installation, hose/ harness routing and leaks..

Check front wheel toe in- Record measurement 2MM.

Check pipes, hoses and cylinders.

Adjust steering stops per tyre size- Record setting 112MM.

AXLES AND WHEELS:

Check installation, follow current KA, Bulletins and operators manual.

Adjust wheel track to customer requirements- Record track measurement.

Disc to axle torque- front. Record torque value.

Disc to rim torque- front. Record torque value.

Rear axle inner flange. Record torque value.

Rear axle outer flange, install key. Record torque value.

Rear wheel rim to hub torque. Record torque value.

Check rear wheel weight torque. Record torque value.

CAB CLIMATE CONTROL:

Check installation, follow current KA, Bulletins and operators manual.

Test climate controls- roof console and arm rest control.

Test vent operation.

Record ambient temperature for the following tests 18.

Test AC system charge- Record system pressure.

High pressure 150 PSI.

Low pressure 20 PSI.

Test AC vent temperature- Record temperature -4.

ELECTRICAL SYSTEM:

Check installation, follow current KA, Bulletins and operators manual.

CLEAN ALL TRACTOR GROUNDS.

Check general harness routing.

Operator presence warnings.

Park brake warning.

Horn.

Instrument panel operation.

Internal light operation.

External lights/beacon operation.

Switch test.

Cab power sockets.

Trailer socket.

Windscreen washer/ wiper.

PLATFORM, CAB, BODYWORK AND DECALS:

Check installation, follow current KA, Bulletins and operators manual.

Cab interior, upholstery, trim and mouldings.

Cab roof condition.

Cab ID plate.

Check machine decals, including safety and speed decals.

Check bonnet latch operation and adjustment.

Mirrors and mirror controls.

Operators manuals- Paper copy in storage box.

Operators manual- electronic copy in display.

Seat operation.

Seat belts.

Toolbox.

Windows and door seals.

PAINT:

Check condition. Submit a CPDP report to ensure plant visibility..

Cab frame.

Engine.

Transmission, rear axle assembly.

Front axle.

Bonnet, guards, roof.

Grille.
Wheels.
MACHINE TEST- OPERATIONAL TEST:
Idle speed- Record value - 900 RPM.
High idle speed " Record value - 2200 RPM.

Job number : 2 Operation 15IHZZ//01 Desc. BASE ELECTRICAL SYSTEM REPAIR/
Sale type : I Technician No(s). 701
Complaint : FIT UHF

Correction : 26/3 SW.
REMOVE RADIO FROM TRIM MOUNT.
REMOVE INNER TRIM TO FIT UHF.
FIT ANTENNA TO ROOF.
RUN WIRING TO UHF.
REFTI TRIM TO CAB THEN REFIT RADIO AND UHF.
TEST UHF WORKING FINE.

Job number : 3 Operation 24IHZZZZZ Desc. MISCELLANEOUS CODES
Sale type : I Technician No(s). 714 736 738
Complaint : SET TO 3 M
Correction : 25/3 CP.

JACK UP FRONT DIFF SUSPENSION WITH STANDS.
REMOVE FRONT WHEELS AND STUDS.
GET SURFACE APINT OFF HUB REINSTALL STUDS.
INSTALL CAST SPACERS REMOVE PAINT OFF STUDS.
TORQUE SPACER TO HUB REPEAT WITH SECOND SECTION SPACER.
FLIP DISHES AND SWAP WHEELS.
ATTACH WHEEL TO SPACER.
LET DOWN FRONT RAISE REAR - SUPPORT STANDS.
REMOVE WHEELS WITH FORKLIFT.
SLIDE WEDGE OUT TO 3 METER SPEC.
SWAP WHEELS CLEAN OFF SURFACE PAINT BOLT TO HUBS.
USE POWER PACK TO SLIDE WEDGE OUT FURTHER UNTILL 3M.
LET JACK / STANDS DOWN AND OUT.
TORQUE ALL WHEEL BOLTS.

Job number : 4 Operation 15IHZZ//03 Desc. CABIN WORK LIGHTING ELECTRICAL
Sale type : I Technician No(s). 741
Complaint : FIT ADDITIONAL LIGHTS

Customer RO history total 62,297.83
Warranty RO history total 23,649.56
Internal RO history total 13,805.18

Complete RO history total 99,752.57
