
MXM120, MXM130, MXM140, MXM155, MXM175, MXM190 REPAIR MANUAL COMPLETE CONTENTS

SECTION 00 - GENERAL	2
SECTION 10 - ENGINE	3
SECTION 18 - CLUTCH	11
SECTION 21 - TRANSMISSION SYSTEMS	12
SECTION 23 - DRIVE LINES	21
SECTION 25 - FRONT AXLE	23
SECTION 27 - MECHANICAL REAR WHEEL DRIVE	26
SECTION 31 - POWER TAKE-OFF	30
SECTION 33 - BRAKES	33
SECTION 35 - HYDRAULIC SYSTEM	37
SECTION 41 - STEERING	56
SECTION 44 - FRONT AXLE AND WHEELS	57
SECTION 50 - AUXILIARY UNITS	58
SECTION 55 - ELECTRICAL SYSTEM	60
SECTION 90 - CAB	108

The following pages are the collation of the contents pages from each section and chapter of the MXM Series Repair manual. Complete Repair part # 87613647.

The sections used through out all Case IH product Repair manuals may not be used for each product. Each Repair manual will be made up of one or several books. Each book will be labeled as to which sections are in the overall Repair manual and which sections are in each book.

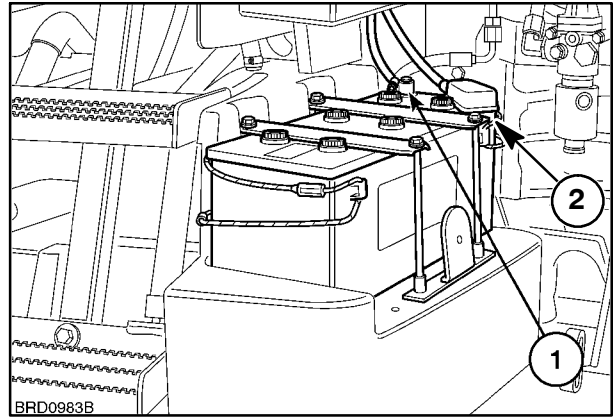
The sections listed above are the sections utilized for the MXM Series Tractors.

SEPARATING AND REMOVING THE ENGINE

FRONT AXLE AND SUPPORT

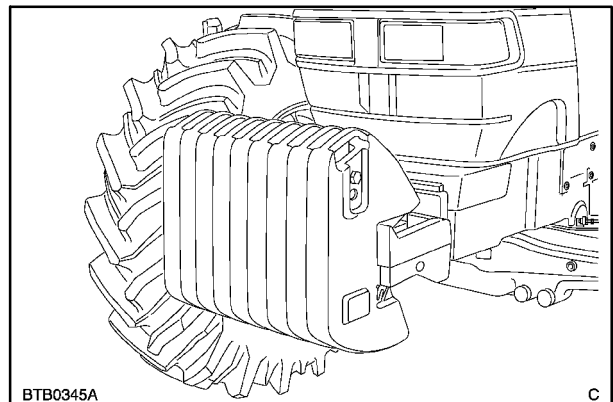
Separating Front Axle and Support from Engine

1. Disconnect battery ground lead (1) and then disconnect the positive lead (2).



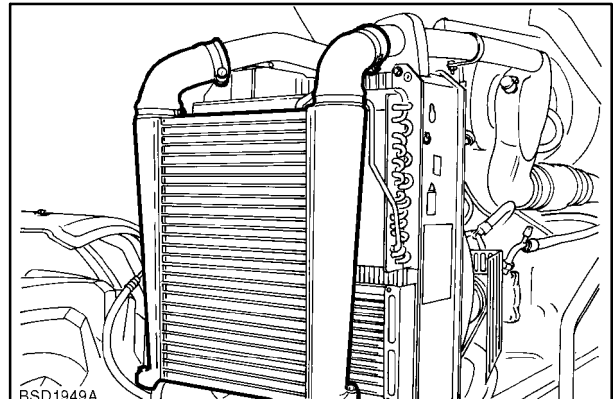
2

2. If front weights are fitted to the front of the tractor remove using suitable hoist with adequate safe working load.



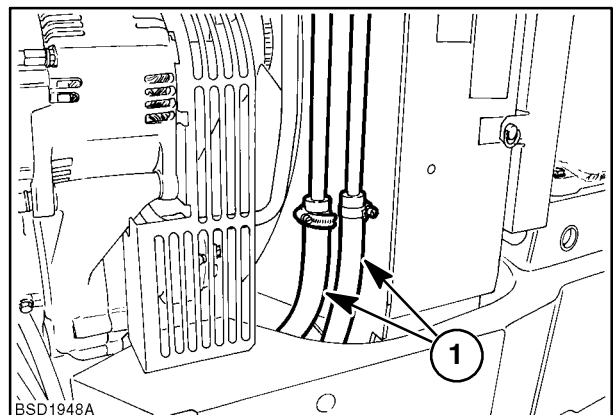
3

3. Disconnect air to air intercooler pipes.



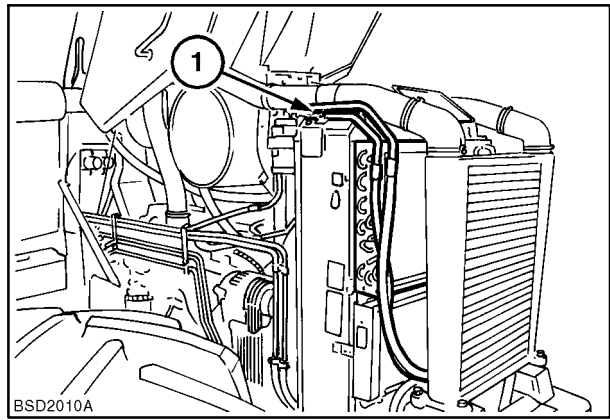
4

4. Disconnect transmission oil cooler hoses (1) and drain oil into clean container.



5

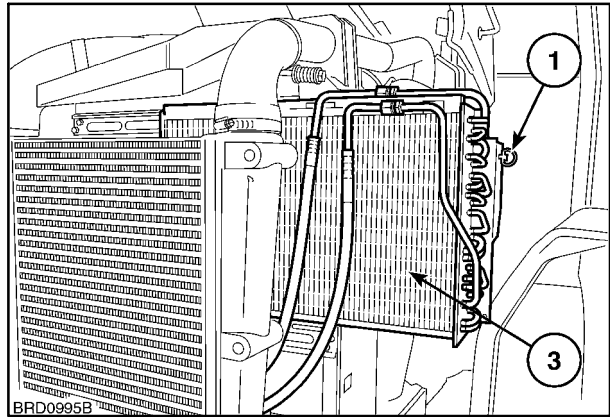
5. Remove clips (1) securing air conditioning condenser tubes to side of radiator.



6

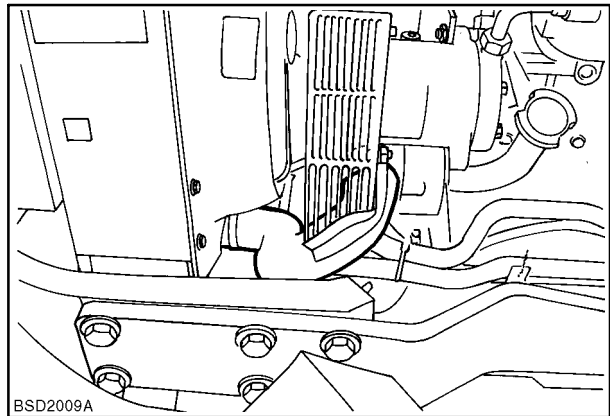
6. Withdraw condenser from front of radiator and place in a safe place on side of engine.

NOTE: *Never* disconnect the hoses to the condenser unless the air conditioning system has been evacuated as described in Section 50 of this Repair Manual.



7

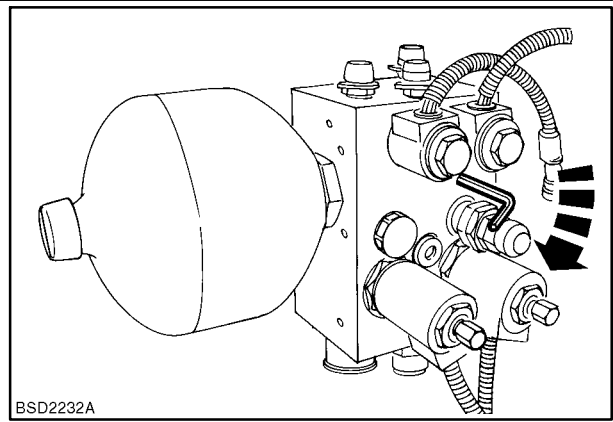
7. Drain the cooling system fluid into a clean container and disconnect the radiator hoses. Disconnection of the radiator lower hose provides a suitable drain point. Place a large clean tray under the vehicle to capture the fluid for future use.



8

Tractors fitted with suspended front axle

1. Depressurize the suspension system by rotating screw on top of the suspension load sense unload valve clockwise. When the tractor has lowered completely onto the front support stops rotate the screw counterclockwise to normal operating position.

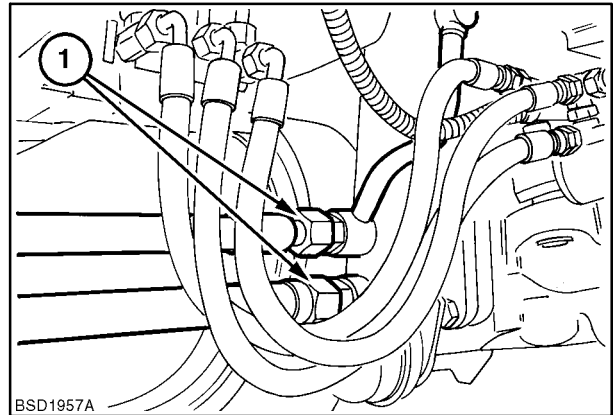


9

2. Disconnect the pipes to the front axle suspension cylinders.

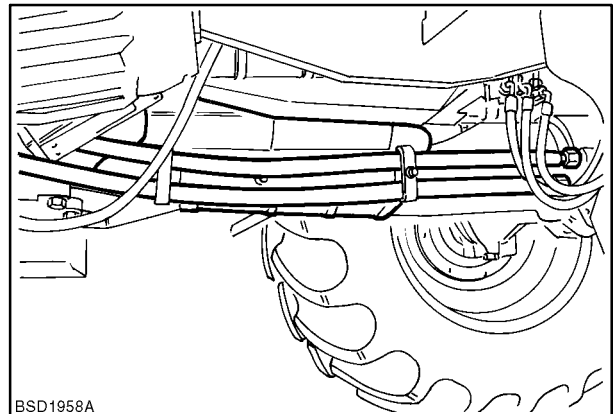
⚠ WARNING ⚠

On tractors with suspended front axle ensure suspension has been fully lowered as described above before disconnecting suspension cylinder hoses.



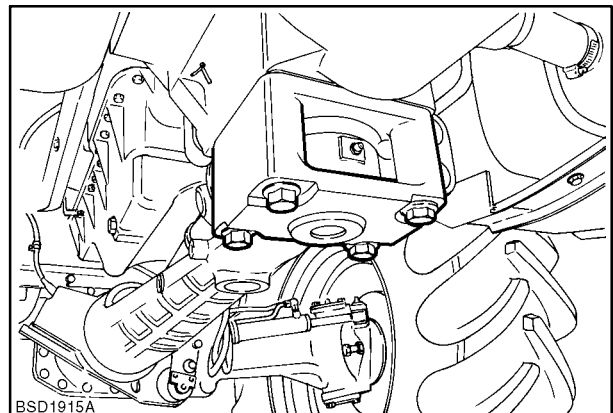
10

3. Remove suspension pipes and guard.



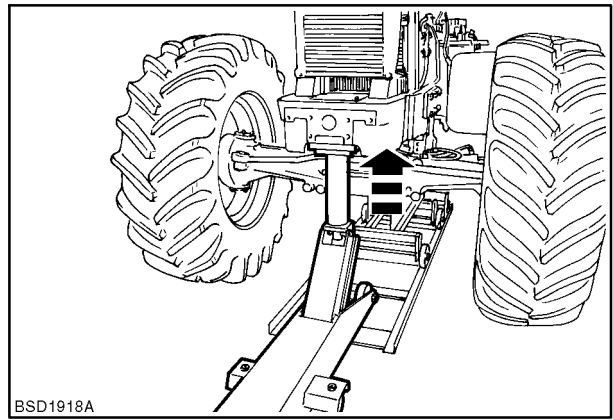
11

4. Remove the rear pivot block bolts.



12

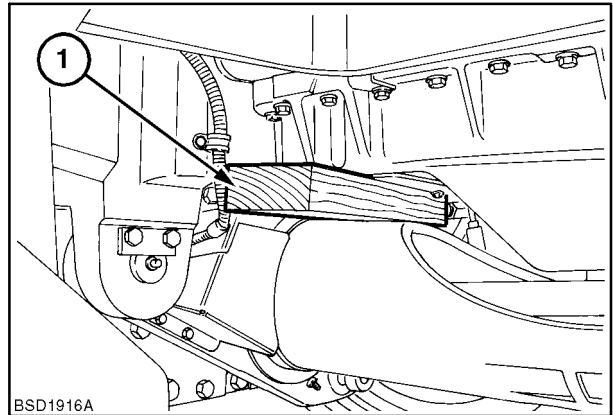
5. Position trolley jack beneath front support and raise front of tractor.



BSD1918A

13

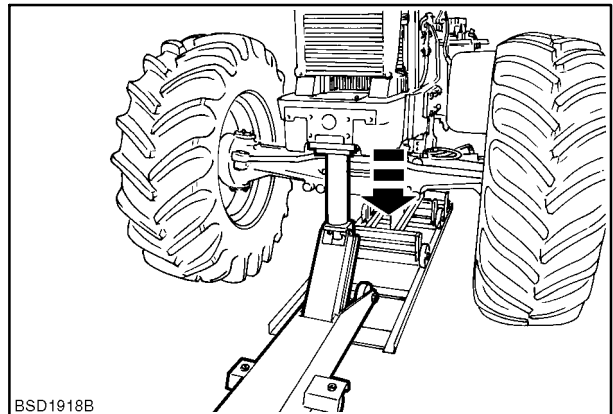
6. Position a suitable piece of strong timber between oil pan and suspension arm.



BSD1916A

14

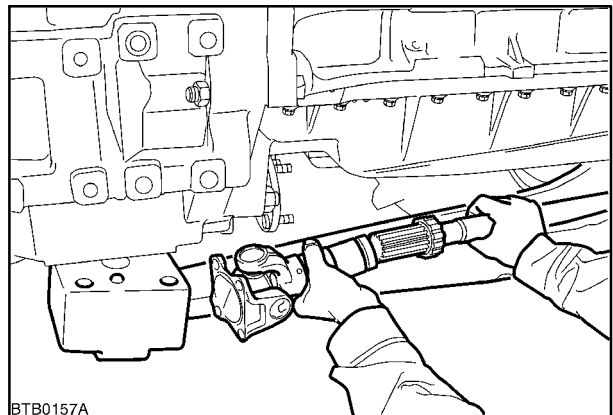
7. In a controlled manner lower the front of the tractor to the ground. The lowering action will cause the suspension arm pivot block to separate from the transmission casing.



BSD1918B

15

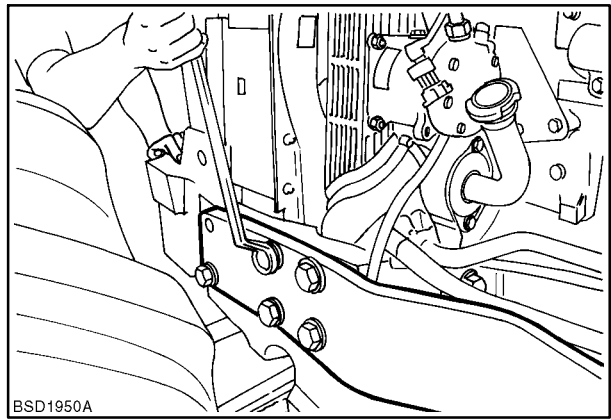
8. Disconnect and remove front wheel drive shaft universal joint.



BTB0157A

16

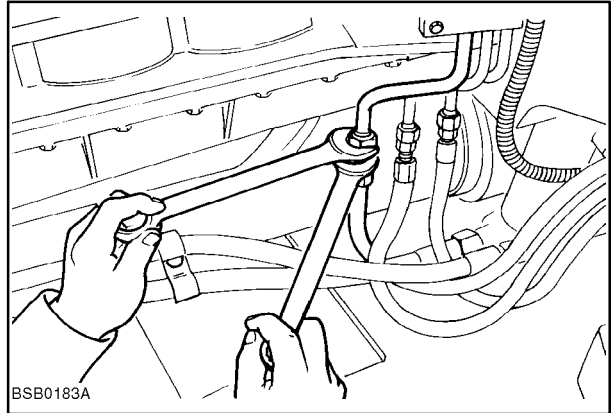
9. Remove engine side rails



17

10. Disconnect the 2 steering tubes and differential lock tube from the right hand side.

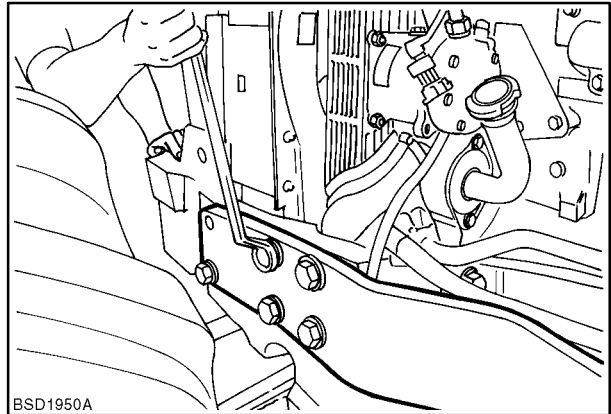
NOTE: If front axle brakes are fitted, disconnect the common brake pipe to the axle.



18

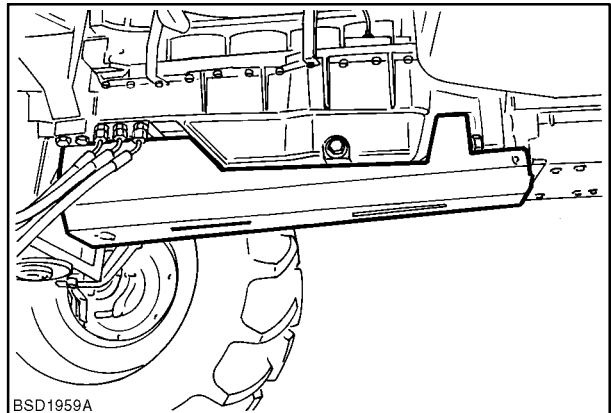
Tractors fitted with standard FWD axle

1. Remove engine side rails where fitted.



19

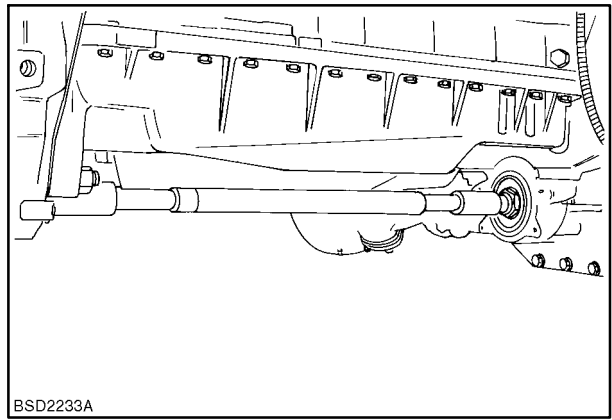
2. Remove front wheel drive shaft guard, if fitted.



20

3. Remove drive shaft.

NOTE: The type of driveshaft fitted is dependant on type of axle installed.



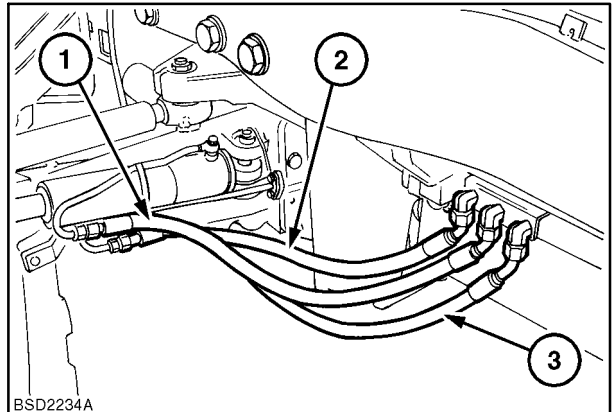
BSD2233A

21

4. Disconnect power steering hoses (1) and (2) on each side of the tractor.
Disconnect differential lock hose (3).

NOTE: Pipework will vary depending on type of axle installed.

NOTE: If front axle brakes are fitted, disconnect the common brake pipe to the axle.

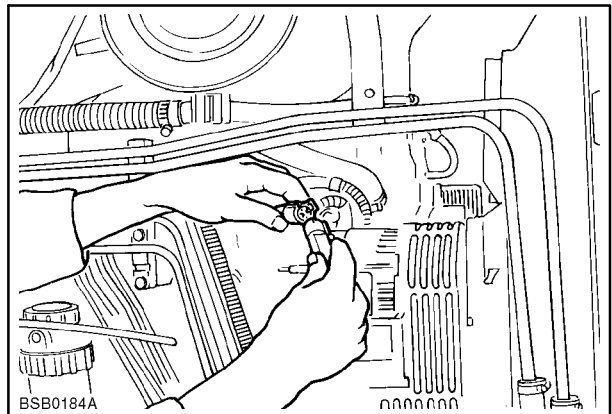


BSD2234A

22

5. Inspect the harness connections between the engine and front support and disconnect where necessary to enable the front support and axle to be separated from the engine.

NOTE: The type and number of connections to be disconnected is dependant on the build option and ancillary equipment fitted to the front of the tractor.



BSB0184A

23

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com