

Link do produktu: <https://www.specdiag.pl/massey-ferguson-mf-seria-6400-instrukcje-napraw-serwisowania-schematy-instalacji-mf-6445-6455-6460-6465-6475-6480-6485-6490-6495-6497-6499-p-1753.html>



Massey Ferguson MF seria 6400 instrukcje napraw, serwisowania, schematy instalacji MF 6445, 6455, 6460, 6465, 6475, 6480, 6485, 6490, 6495, 6497, 6499

Cena

250,00 zł

Opis produktu

Serwisowe / warsztatowe instrukcje napraw i
serwisowania Massey Ferguson seria 6400 do
2008r.

Massey Ferguson MF 6445 Tractor
Massey Ferguson MF 6455 Tractor
Massey Ferguson MF 6460 Tractor
Massey Ferguson MF 6465 Tractor
Massey Ferguson MF 6470 Tractor
Massey Ferguson MF 6475 Tractor
Massey Ferguson MF 6480 Tractor
Massey Ferguson MF 6485 Tractor
Massey Ferguson MF 6490 Tractor
Massey Ferguson MF 6495 Tractor

Massey Ferguson MF 6497 Tractor

Massey Ferguson MF 6499 Tractor

Splitting the Sisu engine/GTA1030

C . Reassembly

29. Clean the mating faces of the engine and the gearbox spacer.

30. Check the presence of locating pins on the gearbox spacer.

NOTA: During assembly, these pins fit into the drill holes (1) on the engine adapter plate (Fig. 12).

31. Lightly smear the splines of mainshaft (1) (Fig. 13) with AS767 graphite grease or equivalent.

32. Grease the mating face of the spacer with Loctite 5206 or equivalent.

33. Screw two diametrically opposed guide studs on to the spacer.

34. Assemble the engine onto the gearbox spacer.

If necessary, manually turn the flywheel ring gear using the port provided to fit the starter, using a suitable locally made tool. This eases the engagement of the vibration damper splines with those of the gearbox mainshaft. If there is resistance, do not force it and find the cause of the problem.

35. Once the engine and gearbox are assembled, remove the guide studs.

Lightly smear the thread of the screws (1) (2) with Loctite 270 or equivalent.

Fit the screws and nuts as marked during removal (Fig. 10). Tighten them to a torque of:

- screws (1): 240 - 320 Nm;
- screws (2): 630 - 840 Nm;
- nuts (3) with washers: 630 - 840 Nm.

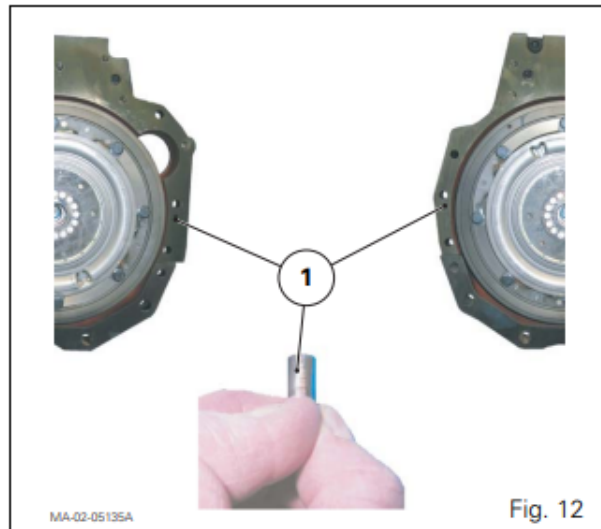


Fig. 12

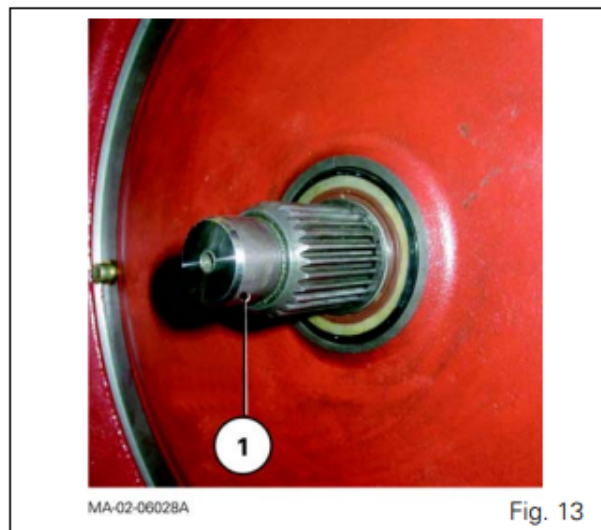


Fig. 13

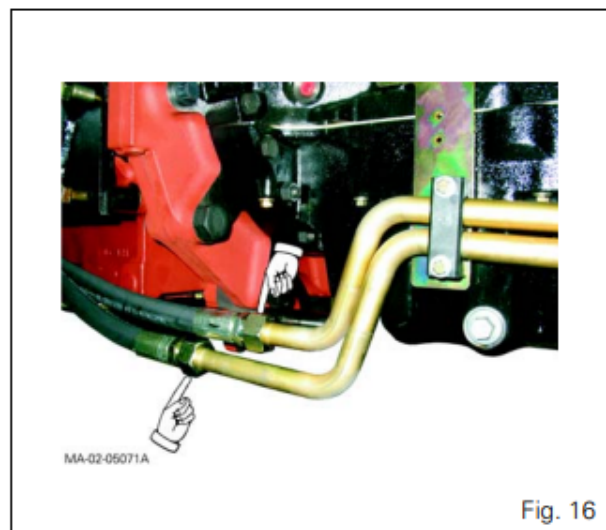
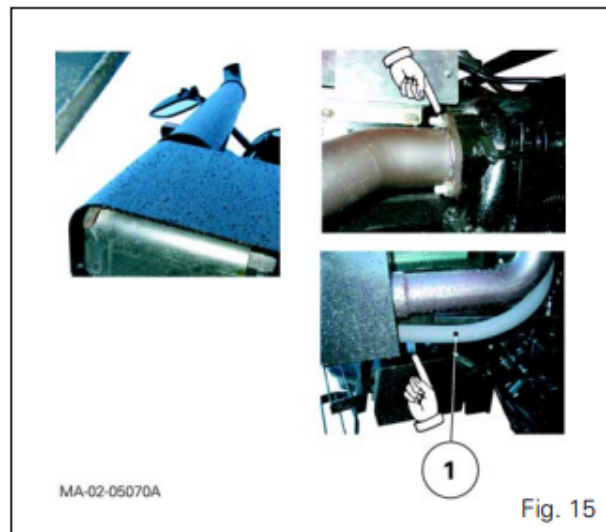
Splitting - Perkins Engine / GBA20 Gearbox

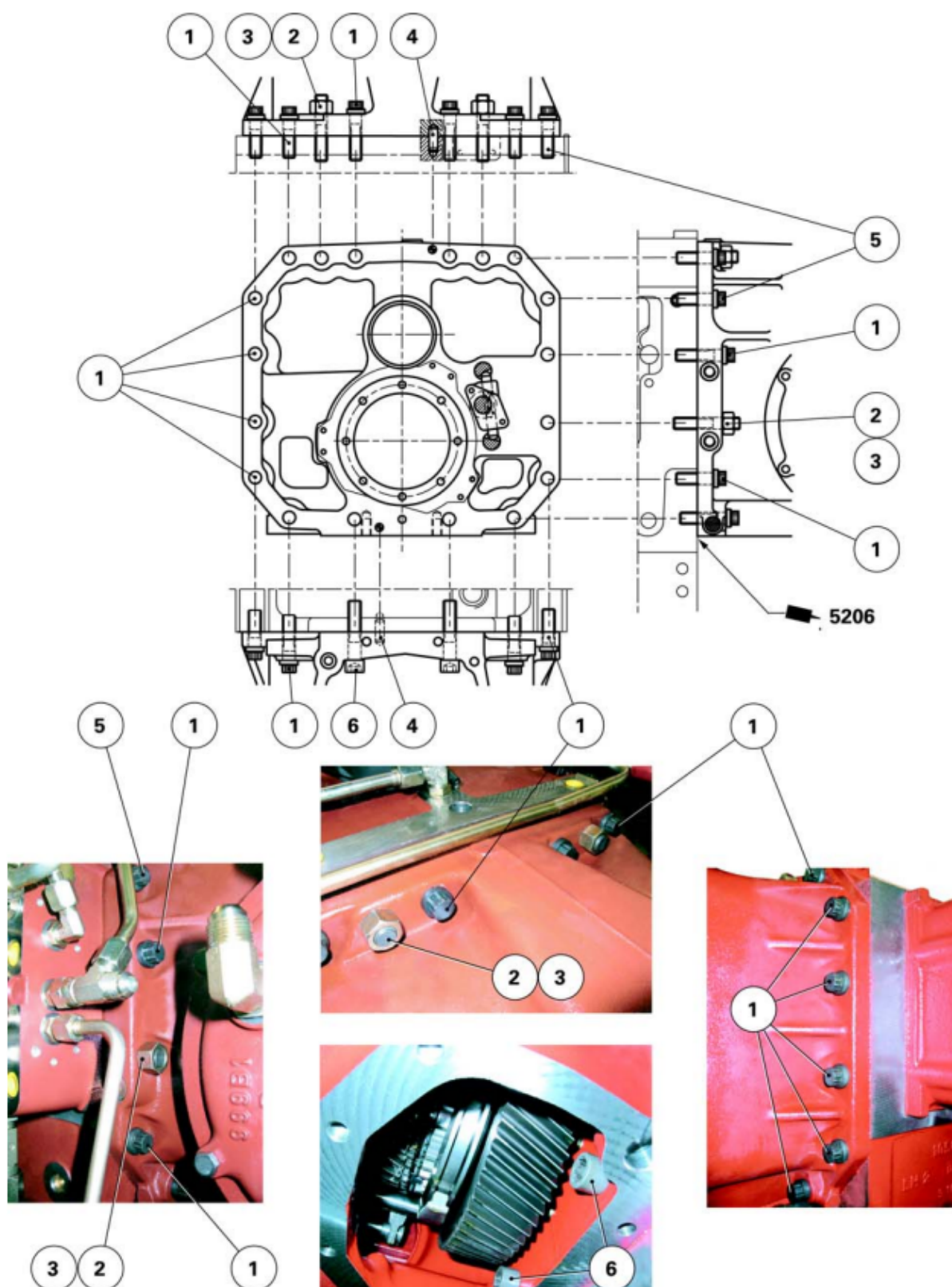
Servicing on the right-hand side of the tractor

34. Take off the front right-hand mudguard.
35. Disconnect the flexible sleeve (1) (Fig. 15) fitted to the suction port.
If necessary, remove the vertical exhaust assembly (including support) (Fig. 15).
36. Mark then disconnect:
 - the hose on the steering ram or on the spool valve (Orbitrol), depending on the tractor type;
 - the lubricating hoses (running to and from the cooler) (Perkins EEM engine) (Fig. 16).

Servicing on the left-hand side of the tractor

37. Take off the front left-hand mudguard.
38. Mark then disconnect:
 - the hose on the steering ram or on the spool valve (Orbitrol), depending on the tractor type;
 - the gas-oil supply and return hoses on the engine. Immediately block the ports.
39. Disconnect the cables connected to the starter positive terminal (Fig. 17).





MA-02-06015A

Fig. 10

Splitting - GBA20 gearbox / Centre housing

On the gearbox

36. check the presence and correct positioning of the PTO shaft.

37. Check:

Version with no creeper unit

- Presence of the union shaft (1) composed of the sleeves (2) and double pins (3) (Fig. 8).

Version with creeper unit

- Correct assembly of shaft (1) composed of sleeve (2) and double pin (3) (Fig. 9).
- Correct operation of the control mechanism (fork and coupler) in each position.

38. Push the fork (4) towards the front of the gearbox in direct drive position (Fig. 9).

Remark

The gearbox output shaft supports the shaft (1) via the needle roller bearing (5) (Fig. 9).

On the centre housing

Remark

The rotation of the control finger "D" of the creeper gears is limited by the presence of the studs and nuts assembly (1) in the centre housing. (Tractors with closed centre hydraulic equipment - Fig. 10).

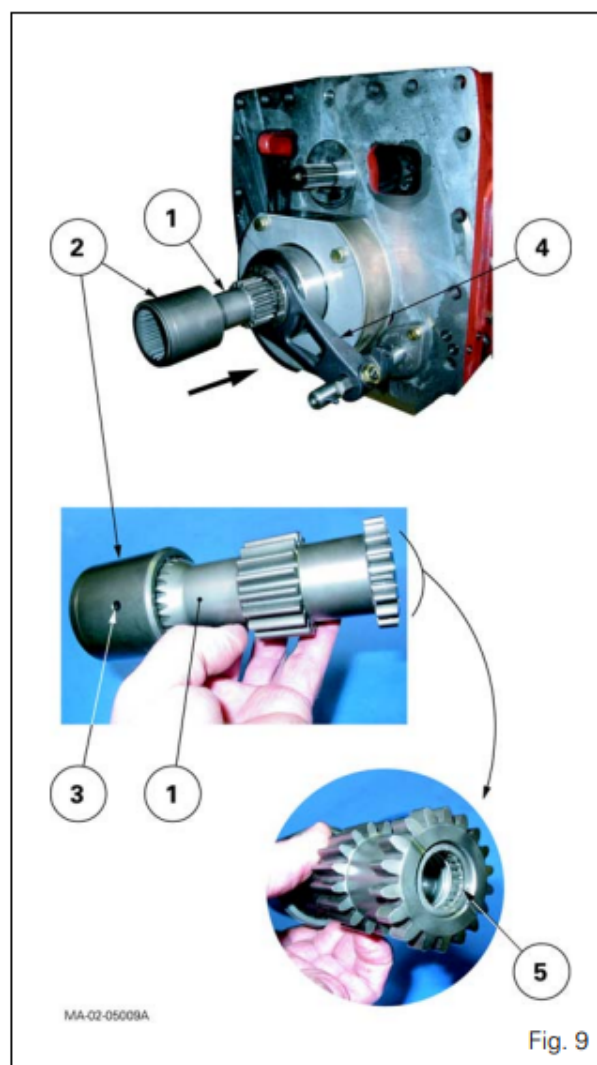
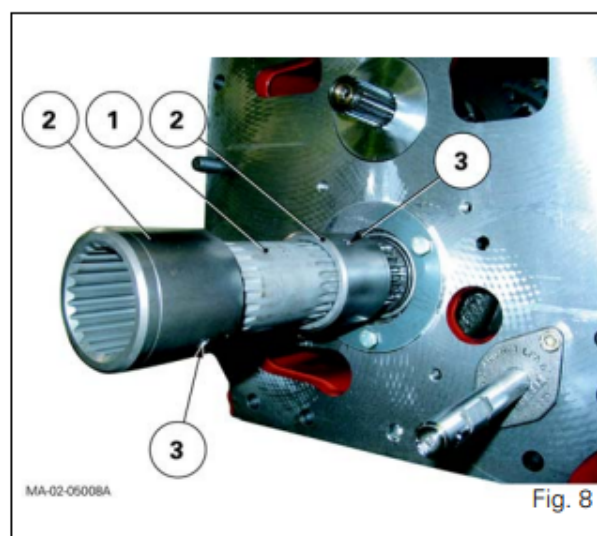
39. Pull the pin (2) outwards (Fig. 2) and direct the "D" finger towards the front of the centre housing (Fig. 10).

40. Couple the gearbox to the centre housing.

Reminder

If there is resistance when moving the elements (gearbox, centre housing) together, do not force them, and find the cause of the problem.

41. When the elements are joined, remove the guide studs. Insert the screws (1) according to the markings made at disassembly (Fig. 4) and tighten to a torque of 155 to 195 Nm.



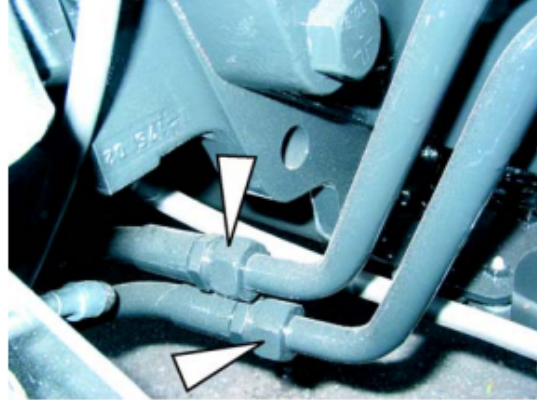
Splitting - Front frame / Sisu engine

Servicing on the right-hand side of the tractor

5. Disconnect the batteries.
6. Mark then disconnect:
 - the differential lock hoses on the front axle,
 - the feed hose on the steering ram,
 - the lubricating hoses running to and from the cooler (Fig. 2).
7. Remove the protection grille close to the radiator.
8. Disconnect the air sleeve (1) (turbo outlet) from the cooling sleeve (Fig. 3).

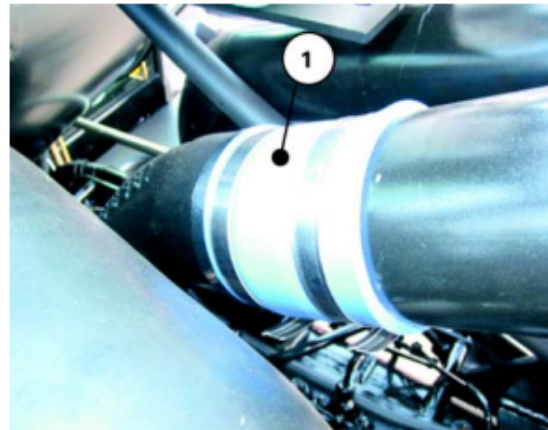
Servicing on the left-hand side of the tractor

9. Mark then disconnect:
 - the feed hose on the steering ram,
 - the hoses (pressure-return and LS) on the rigid tubes (Fig. 4) of the suspended front axle (if fitted).
10. Remove the protection grille close to the radiator.



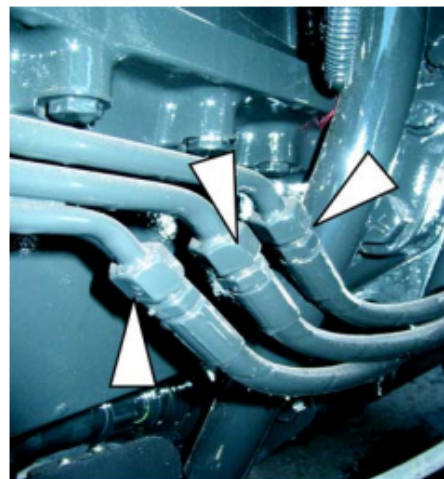
MA-02-06020A

Fig. 2



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Fig. 3



MA-02-06021A

Fig. 4

Splitting - Front frame / Sisu engine

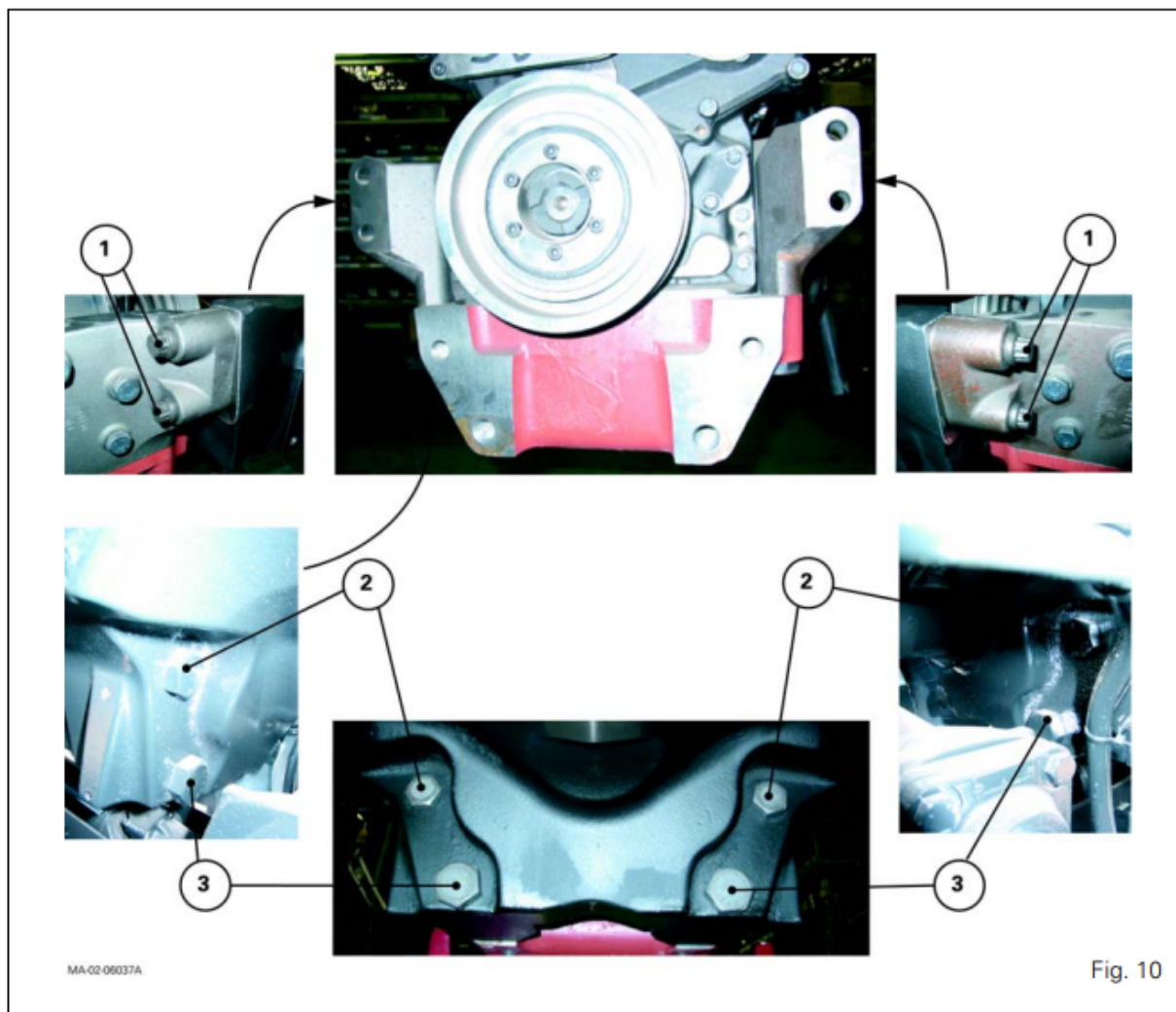


Fig. 10

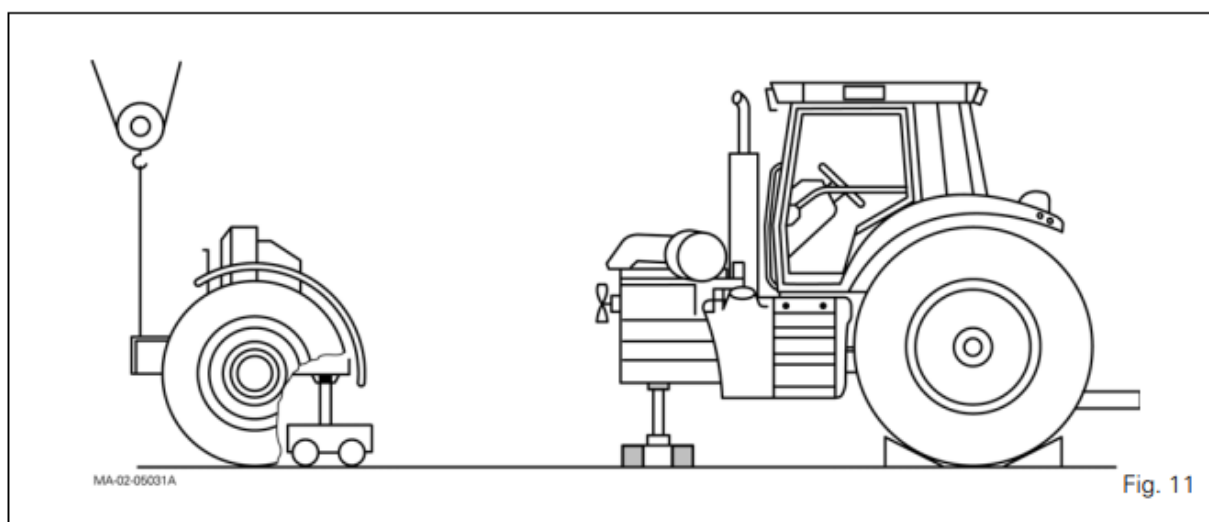


Fig. 11

Massey Ferguson 6400



Workshop service manual

n° 3378405M4

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SPECIFICATIONS - General specifications

G . Model 6480

Dynashift

Engine	
ISO power hp (kW) at 2200 rpm	145 (107,4)
Trademark	PERKINS EEM
Type	1106C-E66TA
Number of cylinders / Cylinder capacity	6 / 6.0 Turbo
Injection pump	Bosch VP30
Fan	Viscostatic or Vistronic
Intercooler	Air / air
Alternator	80 or 120 A
Gearbox	
Gearbox model	GBA20 (4x4)
Clutch / Reverse shuttle	PowerShuttle
Type	Dynashift
Autodrive	optional
Creep unit 4/1	optional
Creep unit 14/1	optional
Rear axle	
Axle model	GPA20
Final drive units	SHD
Wheel shaft Ø	82 mm
Straight shaft	standard (US), option (EU)
Flanged shaft	standard (EU), option (US)
Brake discs per trumpet housing	1
Handbrake discs	3
Differential lock	Coupler
Linkage	
Stabilisers	telescopic
Perforated bar	optional
3-point linkage	cat. 2 or 3, hook or ball type (*)
Clevis	pin-adjusting or quick-adjusting scale
Automatic clevis	pin-adjusting or quick-adjusting scale
Hitch eye bolt	eye bolt or automatic hook (*)
Swinging drawbar	standard

Automated power take-off	optional
Front power take-off	optional
Front axle	
Model	20.29
Type	fixed or suspended (optional)
Rotational direction	clockwise
Number of clutch discs	5
Swinging fender (4WD)	optional
2WD	optional
Front linkage (optional)	2.5 T or 3.5 T
Hydraulics	
57 l/min Open Centre	optional
100 l/min TFLS	optional
110 l/min Closed Centre	optional
150 l/min Closed Centre	-
Orbitrol steering unit	160cc
Brake master cylinder	standard
Assisted braking	optional
Trailer brake	optional (*)
Auxiliary spool valves (maximum number)	4 electrohydraulic (2 SMS) or 4 mechanical
Couplers	decompression
Electronics	
Transmission control	AUTOTRONIC 3
Instrument panel	DCC2
Linkage calculator	EHRC
Draft sensors	2
Sensor capacity	6 T
Datatronic	optional
Dual control (front and rear)	optional
TIC with / without draft sensor	optional
Fieldstar	optional
Cab	
Suspension	optional
Rear view mirrors	manual (standard) or electrical (optional)
Air conditioning	manual (standard) or automatic (optional)
Standard bumper	fixed

- MF6400 Chapter 1 Introduction Specifications
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Instrukcje napraw i serwisowania, schematy instalacji.

Format PDF, język angielski.

W ofercie posiadamy również inne dokumentacje serwisowe do wszelkiego rodzaju maszyn rolniczych, budowlanych, pojazdów ciężarowych, wózków widłowych, itp.

Potrzebujesz schematy instalacji? katalogi części? instrukcje napraw?
Zadzwoń do nas!

Pytania? Wątpliwości? Dzwoń!
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