

FENDT

Werkstatthandbuch

Workshopmanual

Manuel d'atelier

Manual de taller

Manuale per l'officina

Werkplaatshandboek

FENDT 900 Vario COM III

X 990.005.057.012

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FENDT

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C	Documents and Diagrams
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2712

Engine/injectors

FENDT 900 Vario - COM III

Volume 1

0000	Overall system/tractor
1005	Overall system/transmission
1010	Transmission/differential
1015	Transmission/axle drive
1050	Transmission/housing
1070	Transmission / Brake system
1080	Transmission/drive train
1200	Transmission/front PTO
1220	Transmission / Live PTO
1320	Transmission/front wheel drive
2000	Overall system/engine
2010	Engine/cylinder head
2050	Engine/cooling
2060	Engine/fuel system
2210	Engine/crankcase
2312	Engine/lubrication
2400	Engine/exhaust system
2712	Engine/injectors
3000	Overall system/front axle
3120	Front axle/steering cylinder
3180	Front axle/cardan shaft

Volume 2

4000	Overall system/steering
4090	Steering system / hydraulic steering unit
5030	Vehicle layout/operator's seat
5500	Overall system/air conditioning system
8100	Overall system/cab
8610	Power lift/EPC electro-hydraulic control
8631	Power lift/hydraulic lift
8800	Overall system/compressed air system

Volume 3

9000	Overall system/electrical system
9015	Electrical system/starter lockout

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Volume 4

- 9410** **Hydraulic pump installation/LS pump**
- 9430** **Hydraulic pump installation/steering pump**
- 9534** **Hydraulic piping/"Rüfa"reverse operation**
- 9600** **Overall system/hydraulic equipment**
- 9605** **Hydraulic equipment/hydraulic connections**
- 9610** **Hydraulic equipment/central control block
(ZSB)**
- 9620** **Hydraulic equipment/valve fitting**
- 9700** **Overall system/electronics**
- 9920** **Service/special tools**
- 9975** **Service/SERDIA - Deutz engine diagnostics
program**

2712 Engine/injectors

E Measuring and testing

E Measuring and testing

1	Switching off the injector valve (injector)	7
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1 Switching off the injector valve (injector)

It is possible to switch the cylinders off individually with the aid of adapter cable X899.980.259.101 (short-circuiting)

NOTE: Engine without load
Y095 injector 1
(on flywheel side)

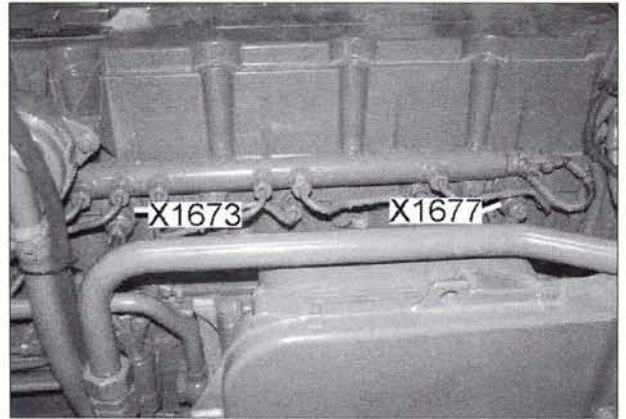


Fig. 1.

1004022

Cylinder switch-off

Switch off ignition.

Connect adapter cable X899.980.259.101

Start engine.

Switch off injectors one after the other and observe engine running characteristics, connect corresponding pins to each other (see table below)

If the engine running characteristics do not change when a cylinder is switched off, the injector in question is faulty.

Use adapter cable X899.980.259.101 to connect pins at separation point X1673 / X1677 as indicated in the table

is switched off:	Pin (at X1673)	Connect to Pin	Fault code
Y095 injector 1	2	4	1E.17C
Y096 injector 2	2	5	1E.17D
Y097 injector 3	2	7	1E.17E

is switched off:	Pin (at X1677)	Connect to Pin	Fault code
Y098 injector 4	2	4	1E.17F
Y100 injector 5	2	5	1E.180
Y101 injector 6	2	7	1E.181

