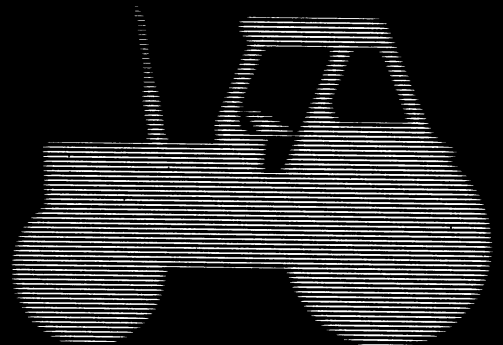


Fiat 70-90 80-90

Operator's Manual



FIATAGRI

06910149

Reprinted

Fiatagri. The specialist Agriculture Division of FiatGeotech.

Fiatagri is now the specialist agricultural machinery division of FiatGeotech, the new Fiat group company formed on January 1st 1988 to head the earth technology sector and unify, rationalize and expand the group's activities in agricultural and earth-moving equipment, previously developed separately by Fiatagri and Fiatallis.

The Fiatagri Division name represents the combination of all the prestige of the trademarks borne by the products which

represent it out in the field: Fiat and Agrifull tractors, Laverda combinè harvesters, Hesston hay and forage machinery, and Braud multi-purpose trailed and self-propelled grape-harvesters. So Fiatagri, with Europe's most complete advanced full-line, is a real specialist, responsible for the design, production and marketing of its product lines.

It draws on the common structures made available by FiatGeotech, which provide the resources and economies of

scale for further product developments.

Experience, tradition and constant innovation have made Fiatagri products undisputed leaders at a worldwide level and above all in Europe, with rankings and market shares which best demonstrate their continuing standing with farmers everywhere.

FIATGEOTECH
EARTH TECHNOLOGY

FIAT

70-90 80-90

OPERATION - MAINTENANCE - SPECIFICATIONS



QUICK REFERENCE INDEX

	<i>Page</i>
<i>Service</i>	<i>4</i>
<i>Tractor Storage</i>	<i>6</i>
<i>Tractor Identification Data</i>	<i>7</i>
<i>Safety Precautions</i>	<i>8</i>
<i>Control and Instruments</i>	<i>15</i>
<i>Operation</i>	<i>20</i>
<i>Guide to Lift Operation</i>	<i>31</i>
<i>Servicing Schedule</i>	<i>55</i>
<i>Electrical System</i>	<i>60</i>
<i>Specifications</i>	<i>63</i>
70-90 DT and 80-90 DT Tractors	69
Splitter-Reverser Version	75
No-Spin Version	77
40 kph Version	80
Heated and Ventilated Comfort Cab Version	85
Heated and Ventilated Supercomfort Cab Version	91
Air Conditioned Supercomfort Cab Version	99
<i>Contents</i>	<i>107</i>
<i>Servicing Chart</i>	<i>attached</i>
<i>Wiring Diagram</i>	<i>attached</i>

Spares and after-sales service always close at hand

When you buy a Fiatagri agricultural machine, you also get something that does not catch the eye, but may well prove its worth in the future, namely, the company's large and efficient after-sales and spares organization.

At the San Matteo (Modena) spares center, a highly modern installation with 32,000 square meters under roof and equipped with electronic

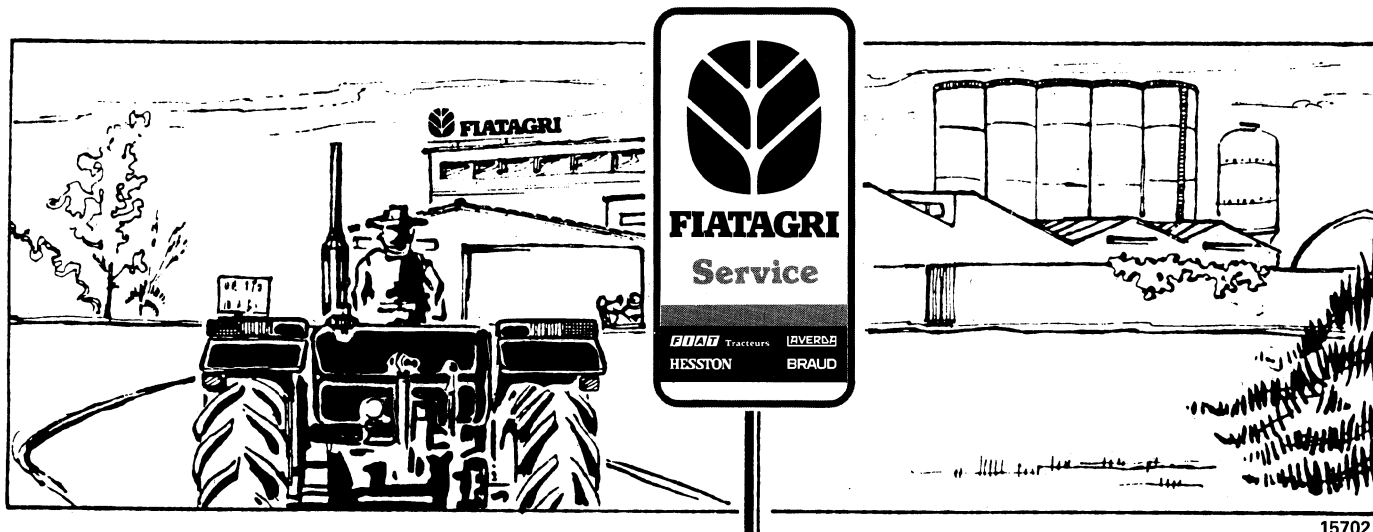
handling and retrieval systems holds a total of 40 million spare parts of more than 100,000 different kinds. The Center can handle up to 4000 orders per day. Added to Fiatagri's efficient

organization and fast service is the superior quality of its original spare parts - the quality that ensures that a Fiatagri agricultural machine never loses its value as time goes by.



13352

 **FIATAGRI**



15702

Service

*An extended network of **FIATAGRI Authorized Shops**, equipped with all necessary means to perform any repair and overhaul work, is at your disposal.*

Turn to these shops in full confidence. You will benefit from the assistance and know-how of skilled service-men.

FIATAGRI's experience is at your service to help you solve any problem related to tractor operation and use.

Spare Parts

Use genuine FIATAGRI parts only.

Failure to do this will:

- *Cost you more.*
- *Not result in complete satisfaction.*
- *Seriously risk improper functioning of the tractor.*

Original spares are sold by the FIATAGRI Sales and Service Organization.

In all orders be sure to quote (see page 7):

- *Tractor Model and Frame Number.*
- *Engine Type and Number.*
- *The Part No. of the spare needed (listed in the Spare Parts Catalogue).*

Maintenance

The 70-90 and 80-90 tractors were designed with the owner in mind and an effort has been made to simplify maintenance.

The purpose of this handbook is to familiarise the operator with the operation and regular servicing of the tractor.

Remember that the time spent on maintenance extends the life of your tractor.

Pay particular attention to the instructions covering fuel filtering, air cleaner maintenance and lubrication: remember that badly filtered fuel results in injection system deterioration and irregular air cleaner maintenance leads to premature engine wear, and reckon that a tractor oil change every 200 hours is equivalent to a truck oil change every 8,000 to 9,000 km.

Tractor Storage

If the tractor is to be stored for an extended period carry out operations described below. See also distributor-type injection pump instructions on page 52.

■ Protect the engine as follows:

a. For periods of storage of up to one month no precautions are needed provided not more than 100 hours have elapsed since the last engine oil change, otherwise see below.

b. For storage periods in excess of one month, drain engine oil with a warm engine, fill the sump with **oliofiat AMBRA SUPER** oil and run the engine at part throttle for a few minutes.

c. Remove air cleaner outer cartridge and clean as directed in Servicing Chart.

d. Do not drain the engine cooling system. In the cold season ensure that the strength of the FIAT «**PAR-AFLU 11**» anti-freeze mixture is correct. To this end adhere to the instructions given on page 55.

■ Thoroughly clean the tractor and store in a dust-free and dry shed or garage.

■ Thoroughly clean the tractor; coat paintwork with silicone wax and unpainted metal parts using approved protectants. Store equipment under cover, in dry and ventilated premises.

■ Ensure that all controls are off (including electrical switches and parking brake).

■ Remove starter switch key.

■ Ensure that piston rods (power steering, lift, etc.) are fully retracted.

■ For tractor with cab see operators manual pages 76 and 77.

■ Fill the fuel tank to maximum level.

■ Remove battery, clean battery top and coat terminal clamps and posts with ropy petroleum jelly. Store battery in ventilated premises away from sunlight, where temperature does not fall below 10°C.

■ Sealed battery: Check state of charge by connecting a voltmeter battery terminals as described on page 60.

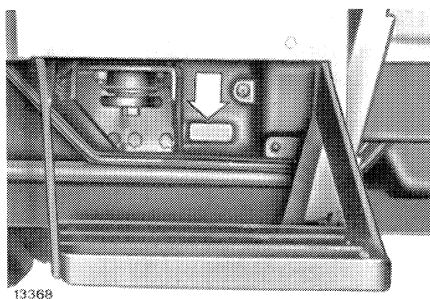
■ Prop axles to take the tractor weight off the wheels and deflate the tires. Otherwise, raise tractor and check tire pressure regularly.

■ Cover equipment with non-plastic, non-waterproof tarpaulin.

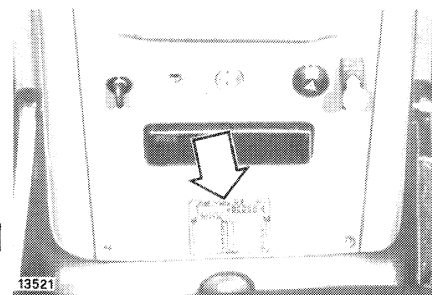


When starting engine after a period of storage, pay particular attention to the instructions given on page 20.

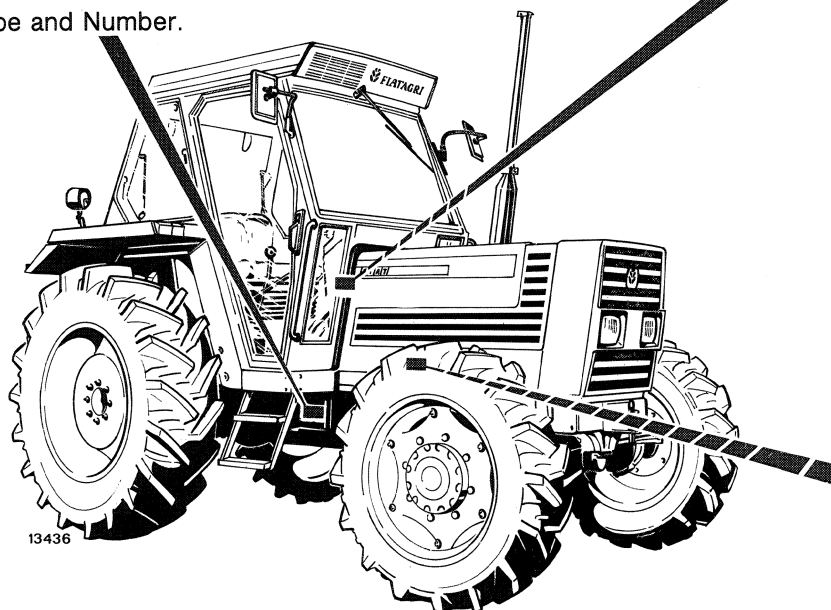
Identification Data



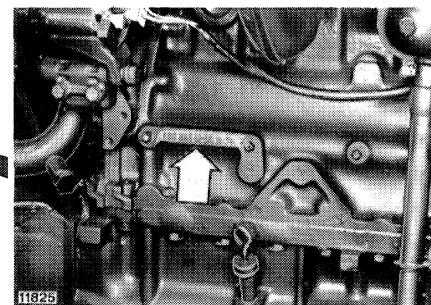
Frame Type and Number.



Tractor Data Plate.



Engine Type and Number.



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