

Tractors
110-90
110-90 DT

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Reprinted

OPERATOR'S MANUAL



NEW HOLLAND

The Fiat Group

With consolidated net turnover of 29,337 billion Lire and 230,000 employees, in 1986 Fiat Group confirmed its position as a leading European manufacturer in the world economy.

Fiat Group operates in 49 countries through 159 subsidiaries, 52 associated companies and 69 licensee companies.

With 1.5 million diesel engines series 8000 produced by the end of March 1986, Iveco is Europe's second-largest commercial vehicle manufacturer, and third in the world for diesel engine production.

Through its 534 associated or subsidiary companies, Fiat Group also produces vehicle components, earth-moving equipment, manufacturing systems, civil engineering projects, rail rolling stock, telecommunications systems, biomedical apparatuses, jet engines, gas turbines, etc.

In 1986 alone, Fiat Group invested 955 billion Lire in research and development, which amounts to 3,3% of turnover.

Fiat Group's activities in support of agriculture are all handled by Fiatagri, which is Fiat's fourth largest division, after cars, commercial vehicles and vehicle components.

FIAT
Trattori

110-90



OPERATION - MAINTENANCE - SPECIFICATIONS

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Spares and after-sales servicing 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 21,600 square meters under roof and equipped with electronic

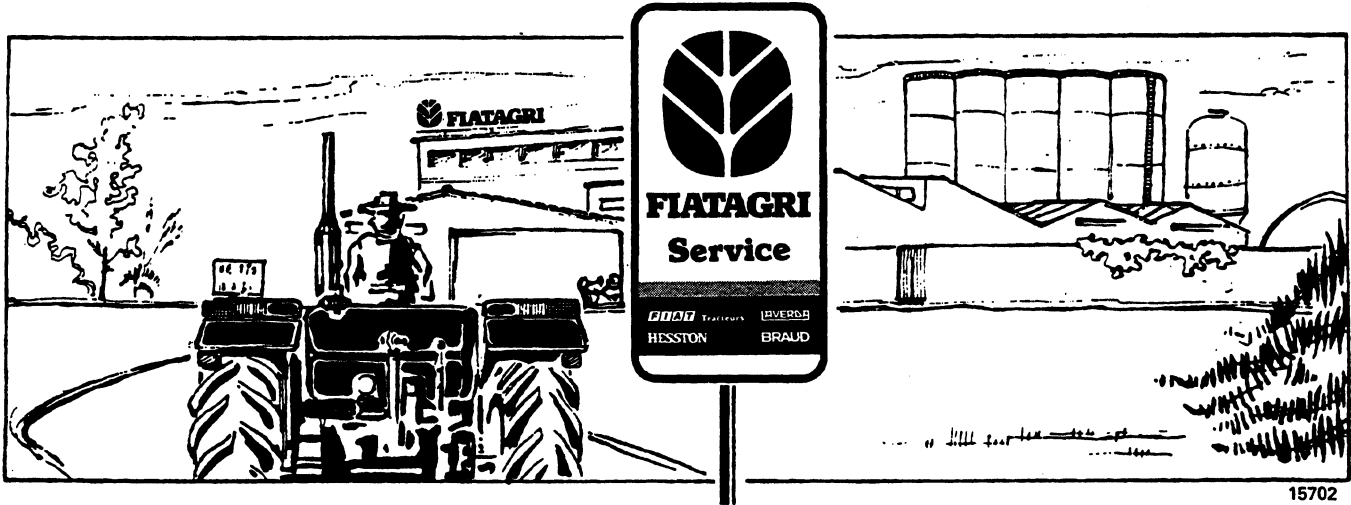
handling and retrieval systems holds a total of 21 million spare parts of more than 60,000 different kinds. The Center can handle up to 3000 orders per day. Added to Fiatagri's efficient

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 values as time goes by.



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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 servicemen.

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 110-90 and 110-90 DT tractors were designed with the owner in mind and an effort has been made to simplify maintenance.

The purpose of this handbook is to familiarize 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.

Paneling Maintenance

WEATHER PROTECTION

Fiat Trattori has long since established measures and procedures for equipment protection against these major atmospheric agents which can cause deterioration and corrosion:

- Salt and dampness.
- Air pollution (industrial areas)
- Abrasion by solid particles.
- Aggressive organic materials and/or chemicals.
- Physical damage (dents, scratches, score marks).

Practices adopted to obviate the above include:

- Use of high corrosion resistant sheet metal.
- Use of corrosion/abrasion resistant paints and spraying procedures.

— Use of hard plastic coatings on parts liable to corrosion (corners, weld seams and laps).

— Use of wax coatings for protection during yard storage.

As the effects of atmospheric agents are unpredictable and vary case by case in relation to environmental conditions and equipment usage, operators are in a position to control equipment preservation to a great extent.

The following notes are intended to help in this direction.

PANELING AND CAB

Abrasion or score marks which expose the metal below should be promptly touched up as follows using genuine recommended products:

- Sand affected part.
- Apply primer.

— Allow to dry and sand lightly.

— Apply paint.

— Polish.

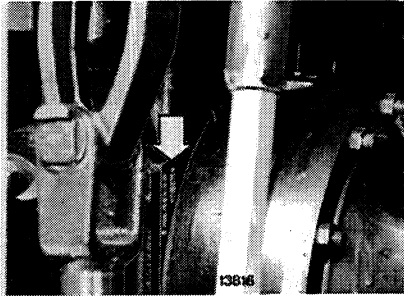
Hose down equipment regularly in relation to work conditions and environment. Wash more frequently in seaside and heavy polluted areas, and immediately after exposure to organic materials or chemicals.

Use low pressure water hose, sponge down with light detergent solution (2 to 4% in water). Rinse sponge frequently, rinse equipment thoroughly and dry with compressed air or chamois leather.

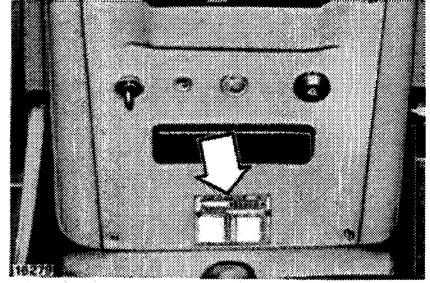
Do not wash equipment after prolonged exposure to sunlight or immediately after stopping engine. Allow parts to be washed to cool down, otherwise paintwork will be adversely affected. To preserve gloss apply a light coat of silicone wax.

Apply polish to remove traffic film.

Identification Data



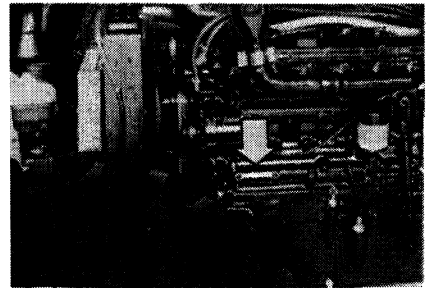
Frame Type and Number.



Tractor Data Plate.



Engine Type and Number.



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