



KARSAN

EVI WARRANTY & SERVICE MANUAL

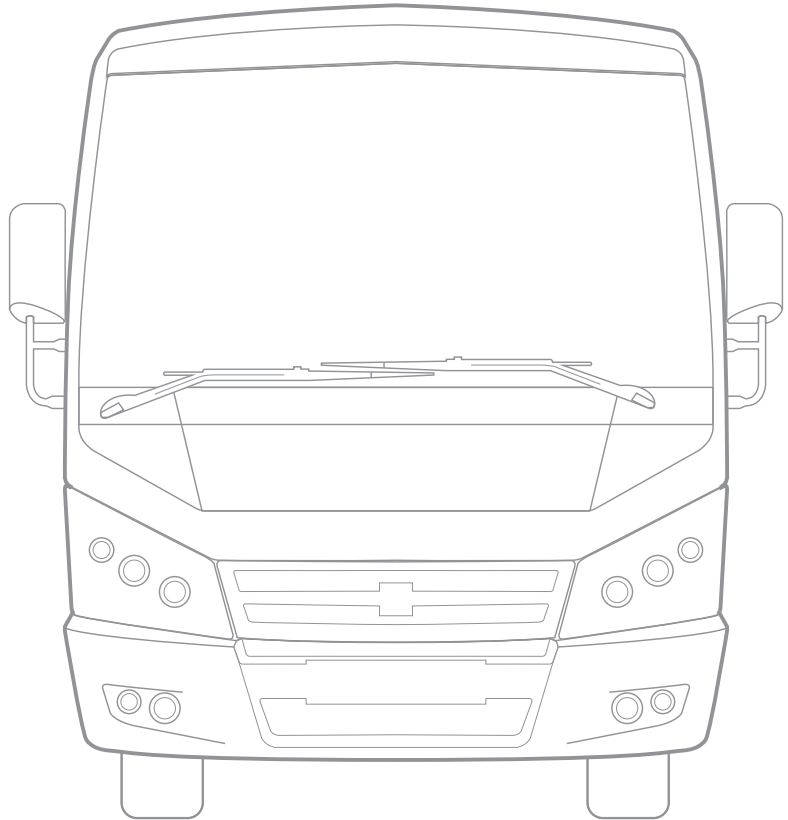
PREFACE

Dear JEST User,

New **KARSAN JEST** has been designed, manufactured and tested by using the best quality material, techniques and best quality control methods. Now you have a modern, powerful, strong business partner.

It is important to read this manual carefully in order to keep your vehicle performance in best conditions and higher standards.

Congratulations for your new commercial partner.



GENERAL TERMS & CONDITIONS.....	5
WARRANTY CONDITIONS	6
GENERAL TERMS & CONDITIONS.....	8
LIABILITY CONDITIONS	8
EURO 6 JEST PERIODIC MAINTENANCE TABLE	10
JEST CONSUMABLE MATERIAL AND LIQUIDS REPLACEMENT TABLE	11
PRE-DELIVERY INSPECTION	13
VEHICLE MAINTENANCE COUPONS	14
FORMS	18

General Terms & Conditions

General

Karsan Otomotiv Sanayi Mamülleri Pazarlama AŞ. (Hereinafter named as '**KARSAN**') warrants each new VEHICLE to be free from faults in material and workmanship, subject to the conditions and limitations set forth here in.

This booklet contains,

- General information on warranty procedure
- DRF (Delivery Receipt Form)
- Transfer of Warranty Form
- Owner Record Form
- Vehicle Maintenance Coupons
- Periodic Maintenance Tables
- Consumable Material Tables

All these informations and directions are given to ensure safe and economic use of the vehicle. Read this booklet carefully.

In order to maintain the reliability of your vehicle, regular maintenance as outlined in this booklet and user's manual is a must.

This booklet also containing vehicle maintenance coupons which will be completed by your service should remain in your vehicle at all times.

DRF (Delivery Receipt Form)

When the vehicle is first delivered to customer, DRF (Delivery Receipt Form) is carried out to ensure that the vehicle is delivered in perfect condition.

This form must be completed and sent by dealer in 7 days time after delivery to end user.

3 copies of the DRF form must be completed.

- Customer Copy : Should remain in the vehicle at all times
- Dealer Copy : Should remain in the Customer's file.
- Karsan Copy : Should remain in the Dealer's file.

General Terms & Conditions

Warranty Transfer

Should you sell the vehicle while it is in warranty period, please complete the **transfer of warranty form** and send it to your Country's Distributor.

If you are the second or subsequent owner while your vehicle is still within the warranty period, please complete the transfer of warranty form and send it to your Country's Distributor.

Warranty Conditions

1. The **warranty period** is limited with **2 years** or the **200.000 kms** of operation whichever occurs first considered from the warranty commencement date
2. Within the warranty period, the Authorized Dealer/Distributor of KARSAN will repair or replace at its option, free of charge, any part or parts of the machine under warranty which are found by KARSAN to be defective in material and/or workmanship.
3. Warranty conditions are valid only if all the periodic maintenance procedures stated in this manual (on its stated time and kms) are carried by authorized Distributor / Dealer of Karsan.
4. All procedures and maintenance works carried must be recorded to the vehicle maintenance coupons by the authorized Distributor/ Dealer of Karsan.
5. To start warranty procedures, all claims must be reported to Karsan. Karsan reviews all claims and give response.
6. If you are the second or subsequent owner, please complete the Owner Record form. Karsan will review the form and make the decision on the transfer of the warranty conditions.
7. For some cases that are mentioned in Article "Limitations of Liability" KARSAN does not take responsibility for warranty.

8. KARSAN will be liable only for repair or replacement of parts as described under 'Warranty Conditions & Liability Conditions'.
9. KARSAN will not be liable from any injury, loss, damage or expenses, whether direct or consequential, loss of use, income, profit or production, increased cost of operation or damage to material due to breach of warranty.
10. KARSAN reserves the right to make alterations or modifications in the vehicles at any time, aimed to improve the performance and efficiency of the vehicle. KARSAN shall not be obligated to make such alterations or modifications to used machines already in service.
11. KARSAN assumes no other obligation or responsibility with respect to the products, and no employee or representative is authorized to change or extend this warranty in any way or grant any other warranty.

General Terms & Conditions

Liability Conditions

KARSAN will not be liable for or in the respect of:

1. Repair or replacement of;
 - Any normal wearing parts,
 - Any aging or deterioration caused by foreign substances or by exposure to natural elements,
 - Any consumable items, such as oil, grease, refrigerant, filters, belts, bulbs etc.
2. Components purchased by KARSAN and installed in a vehicle (such as tyres, batteries, air condition unit, fuel pump, radio, mp3 player etc.), beyond or in addition to any warranty provided to KARSAN by the manufacturer of such components.
3. Components covered by separate warranty performed by after-sales organization of the component manufacturer.
4. Missing or over-dated periodical maintenance.
5. Any cost of repairs, alterations or replacements made by, or any expenses connected there with incurred by, anyone other than authorized Distributor/Dealer of Karsan.
6. Any warranted vehicle which has been subjected to misuse, improper operation or misapplication.
7. Any warranted vehicle which has been used beyond rated capacity or purpose.
8. Any warranted vehicle which has been used while any parts loose, broken or out of order.
9. Any warranted vehicle which has been subjected to Accident, Acts of God.
10. Improper or unauthorized installation, adjustment, repair or alteration including adjustment or assembly procedures not recommended or authorized in the operation & maintenance manual.
11. Use of unauthorized and/or genuine parts or attachments on the vehicle.

General Terms & Conditions

12. Unauthorized modification or recall on the vehicle.
13. Alterations.
14. Any additional maintenance and/or lubrication works
15. Any works requiring sheet metal repair or replacement on the vehicle due to an accident
16. Any malfunctions due to use of wrong type fuel and other consumable materials stated in this document.
17. Any alterations/changes on the labels/plates defining load capacity, chassis number, engine number etc.
18. Any alterations/changes on the speedometer.
19. Force majeure, natural disasters, extreme weather conditions, war, strikes, confiscation or seizure by government officials confiscation of the vehicle, piracy, any damage due to nuclear and radioactive events.
20. All events except for producer's warranty coverage.
21. Any damages due to vehicle theft.
22. Any damages due to intentional act or usage habit of customer.
23. Any damage due to shipping.
24. Any damage due to vehicle towing service.
25. Any damages due to drivers who have had alcohol or drugs while driving.

PERIODIC MAINTENANCE

Euro 6 JEST Periodic Maintenance Table

R : Replace C : Check

Kilometer (Km)	15.000	30.000	45.000	60.000	75.000	90.000	105.000	120.000	135.000	150.000	165.000	180.000	195.000	210.000	225.000	240.000	255.000	270.000	285.000	300.000	
Engine Oil	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Engine Oil Filter	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Transmission Oil	C	C	C	R	C	C	C	R	C	C	C	R	C	C	C	R	C	C	C	R	
Brake Fluid	C	C	C	R	C	C	C	R	C	C	C	R	C	C	C	R	C	C	C	R	
Alternator Belt and Tensioner	C	C	C	R	C	C	C	R	C	C	C	R	C	C	C	R	C	C	C	R	
Timing Chain and Tensioner Set	C	C	C	C	C	C	C	C	C	C	C	R	C	C	C	C	C	C	C	C	
Air Filter	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Water Pump	C	C	C	C	C	C	C	C	C	C	C	R	C	C	C	C	C	C	C	C	
Steering Wheel Box Oil	C	C	C	R	C	C	C	R	C	C	C	R	C	C	C	R	C	C	C	R	
Engine Coolant (Antifreeze)	C	C	C	R	C	C	C	R	C	C	C	R	C	C	C	R	C	C	C	R	
Front and Rear Brake Linings	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Shaft Clearance and Oil Leakage Control	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Clutch Pedal Clearance Control	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Clutch Hydraulic	C	C	C	R	C	C	C	R	C	C	C	R	C	C	C	R	C	C	C	R	
Eccentric Chain Control	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Fuel Filter	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Control and Cleaning of A/C Unit Filters	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Battery	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Illumination and Lamps	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Headlamp Adjustment	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Checking Front & Rear Brake Calipers, Replacement Of Repair Kit	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
Visual Check of Rear Grease Caps	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	
A/C Belt	C	C	C	R	C	C	C	R	C	C	C	R	C	C	C	R	C	C	C	R	
Lubrication of Rear Grease Caps	R	R	C	R	C	R	C	R	C	R	C	R	C	R	C	R	C	R	C	R	
Electric Circuit Control Against Hot Material Contact	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	

JEST Consumable Material and Liquids Replacement Table

R : Replace C: Check

Kilometer (Km)	15.000	30.000	45.000	60.000	75.000	90.000	105.000	120.000	135.000	150.000	165.000	180.000	195.000	210.000	225.000	240.000	255.000	270.000	285.000	300.000
Hand Brake Control	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Windshield Wipers	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Tyre Damage Control	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Tyre Replacement	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Wheel Nut Tightness Control	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Brake & Clutch System Rubber Components Control	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Spark Plug Control, Replacement Of Repair Kit	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C
Spark Plug	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C	C

Special Note: If the mentioned kilometers are not reached;

*Transmission Oil, Steering Fluid and Engine Coolant should be replaced related km or every 2 years. ** Other items related km or every year.

Material	Specification	Volume (Liter)
Engine Oil	API CH4 ACEA CE SAE 5W30	7,5
Transmission Oil	API GL4 SAE 75W85 - 75W80	3
Coolant	D TYPE Ready Mix	14
Brake Fluid	DOT 4 Standard	2
Clutch Fluid	DOT 4 Standard	0,5
Steering Fluid	ATF Dexron 2D Standard	1,8



WARNING

If these replacement time periods are not obeyed by the users, warranty will not be valid any more.

FUEL WARNING

Always use EN-590 Euro standard diesel fuel. Usage of biodiesel, marine diesel fuel, fuels or fuel additives not approved by KARSAN causes the vehicle out of warranty coverage.

FUEL & OIL ADDITIVES

All consumable materials and liquids using in periodic maintenances are described with technical specifications here in this document. Using such these materials other than stated here (type and amount) causes the vehicle out of warranty coverage.

CAUTION

DO NOT accelerate the vehicle just after the starting. Wait until the engine speed reaches idle speed. Likewise, DO NOT stop the vehicle suddenly. Wait until the engine speed reaches idle speed, then stop the vehicle. Stopping the engine at high speeds stops the operation of oil pump. This results in compressor shaft may not be lubricated sufficiently and may get damaged.

Main reasons of engine and turbo malfunctions:

- Unapproved diesel fuel
- Contaminated motor oil
- Contaminated or clogged air and/or oil filter
- Using non- original or non quality-approved spare parts

Perfect Vehicle Condition

Level Control

- Gear Box
- Hydraulic tank
- Battery liquid
- Engine cooling system
- Windshield washer liquid
- Steering box
- Vacuum Pump
- Rear Axles

Leakage Control

- Engine, Gear Box, Axles
- Hydraulic, fuel and cooling systems hoses, pipes and clamps

Tightness Control

- Engine supports
- Engine front and rear traverse connections.
- Steering box connections
- Upper and lower suspension arm
- Upper and lower suspension arm pins
- Rear axle connections
- Rear axle pipe clamps
- Tightness of wheel nuts

Special Controls

- Door locks - strike plates
- Headlamp adjustment, signals and lights
- Tyre pressures
- Sensors and digital indicators
- Road test

Engine Control

- Air filter
- Electro-fan control
- Idle time rpm control
- V-belts



WARNING - AUTHORIZED SERVICES

Vehicle maintenance coupons shall not be accepted if:

- These service control works stated above are not carried
- Coupons are NOT signed and stamped with date information.

VEHICLE MAINTENANCE COUPONS

15.000 km

Date:/...../..... **Km:**

Stamp & Sign

Next Visit

Km: **or on Date :**/...../.....

30.000 km

Date:/...../..... **Km:**

Stamp & Sign

Next Visit

Km: **or on Date :**/...../.....

45.000 km

Date:/...../..... **Km:**

Stamp & Sign

Next Visit

Km: **or on Date :**/...../.....

60.000 km

Date:/...../..... **Km:**

Stamp & Sign

Next Visit

Km: **or on Date :**/...../.....

75.000 km

Date:/...../..... **Km:**

Stamp & Sign

Next Visit

Km: **or on Date :**/...../.....

105.000 km

Date:/...../..... **Km:**

Stamp & Sign

Next Visit

Km: **or on Date :**/...../.....

90.000 km

Date:/...../..... **Km:**

Stamp & Sign

Next Visit

Km: **or on Date :**/...../.....

120.000 km

Date:/...../..... **Km:**

Stamp & Sign

Next Visit

Km: **or on Date :**/...../.....

VEHICLE MAINTENANCE COUPONS

135.000 km

Date:/...../..... **Km:**

Stamp & Sign

Next Visit

Km: **or on Date :**/...../.....

165.000 km

Date:/...../..... **Km:**

Stamp & Sign

Next Visit

Km: **or on Date :**/...../.....

150.000 km

Date:/...../..... **Km:**

Stamp & Sign

Next Visit

Km: **or on Date :**/...../.....

180.000 km

Date:/...../..... **Km:**

Stamp & Sign

Next Visit

Km: **or on Date :**/...../.....

195.000 km

Date:/...../..... **Km:**

Stamp & Sign

Next Visit

Km: **or on Date :**/...../.....

DRF (Delivery Receipt Form)

Customer

Name & Surname:			Date:	
Main Driver Name & Surname:			Driver License No:	
Address:				
Phone:		E-Mail:		Country:

Delivery Inspection

	Level Controls		Tightness Controls		Special Controls
<input type="checkbox"/>	Gear Box level	<input type="checkbox"/>	Engine traverse connections	<input type="checkbox"/>	Door locks - strike plates
<input type="checkbox"/>	Hydraulic tank level	<input type="checkbox"/>	Steering box connections	<input type="checkbox"/>	Headlamp adjustment, signals and lights
<input type="checkbox"/>	Battery liquid level	<input type="checkbox"/>	Upper and lower suspension arm	<input type="checkbox"/>	Tyre pressures
<input type="checkbox"/>	Engine cooling level	<input type="checkbox"/>	Upper and lower suspension arm pins	<input type="checkbox"/>	Sensors and digital indicators
<input type="checkbox"/>	Windshield washer liquid level	<input type="checkbox"/>	Rear axle connections	<input type="checkbox"/>	Road test
<input type="checkbox"/>	Steering box level	<input type="checkbox"/>	Rear axle pipe clamps		Engine Control
<input type="checkbox"/>	Vacuum pump level	<input type="checkbox"/>	Tightness of wheel nuts	<input type="checkbox"/>	Air filter
<input type="checkbox"/>	Rear Axles		Leakage Controls	<input type="checkbox"/>	Electro-fan control
		<input type="checkbox"/>	Engine, Gear Box, Axles	<input type="checkbox"/>	Idle time rpm control
		<input type="checkbox"/>	Hydraulic, fuel & cooling systems	<input type="checkbox"/>	V-belts

Vehicle

VIN No:	
Manufacturer:	
Odometer (km):	
Vehicle Model:	
Engine Serial No:	
Registration Date:	
Warranty Conditions: years or kms
Sales Contract Date:	

Given After Sales Documentation

<input type="checkbox"/>	Warranty & Service Manual
<input type="checkbox"/>	User Guide
<input type="checkbox"/>	Other Warranty Documents

Signature

Owner Record & Transfer of Warranty Form

Old Customer

Name & Surname:		Date:	
Main Driver Name & Surname:	Driver License No:		
Address:			
Phone:	E-Mail:	Country:	

New Customer

Name & Surname:		Date:	
Main Driver Name & Surname:	Driver License No:		
Address:			
Phone:	E-Mail:	Country:	

Vehicle

VIN No:	
Manufacturer:	
Odometer (km):	
Vehicle Model:	
Engine Serial No:	
Registration Date:	
Sales Contract Date:	

Dealer

Dealer Name:	
Warranty Start Date:	
Remaining Warranty (Months):	
Remaining Warranty (km):	
Sales Contract Date:	

Signature

DRF (Delivery Receipt Form)

Customer

Name & Surname:			Date:	
Main Driver Name & Surname:			Driver License No:	
Address:				
Phone:		E-Mail:		Country:

Delivery Inspection

	Level Controls		Tightness Controls		Special Controls
<input type="checkbox"/>	Gear Box level	<input type="checkbox"/>	Engine traverse connections	<input type="checkbox"/>	Door locks - strike plates
<input type="checkbox"/>	Hydraulic tank level	<input type="checkbox"/>	Steering box connections	<input type="checkbox"/>	Headlamp adjustment, signals and lights
<input type="checkbox"/>	Battery liquid level	<input type="checkbox"/>	Upper and lower suspension arm	<input type="checkbox"/>	Tyre pressures
<input type="checkbox"/>	Engine cooling level	<input type="checkbox"/>	Upper and lower suspension arm pins	<input type="checkbox"/>	Sensors and digital indicators
<input type="checkbox"/>	Windshield washer liquid level	<input type="checkbox"/>	Rear axle connections	<input type="checkbox"/>	Road test
<input type="checkbox"/>	Steering box level	<input type="checkbox"/>	Rear axle pipe clamps		Engine Control
<input type="checkbox"/>	Vacuum pump level	<input type="checkbox"/>	Tightness of wheel nuts	<input type="checkbox"/>	Air filter
<input type="checkbox"/>	Rear Axles		Leakage Controls	<input type="checkbox"/>	Electro-fan control
		<input type="checkbox"/>	Engine, Gear Box, Axles	<input type="checkbox"/>	Idle time rpm control
		<input type="checkbox"/>	Hydraulic, fuel & cooling systems	<input type="checkbox"/>	V-belts

Vehicle

VIN No:	
Manufacturer:	
Odometer (km):	
Vehicle Model:	
Engine Serial No:	
Registration Date:	
Warranty Conditions: years or kms
Sales Contract Date:	

Given After Sales Documentation

<input type="checkbox"/>	Warranty & Service Manual
<input type="checkbox"/>	User Guide
<input type="checkbox"/>	Other Warranty Documents

Signature



Karsan Otomotiv Sanayi Mamüleri Pazarlama AŞ.

Emek Mah. Ordu Cad. No:12 34785

Sarıgazi-Ümraniye-İSTANBUL

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