

LANCIA



LANCIA k

2nd Volume

Service
Manual

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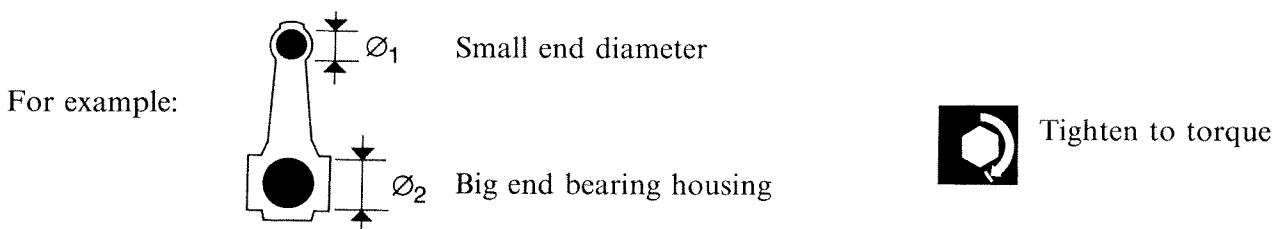
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This manual contains the main instructions for repairing and maintaining the LANCIA k

The section **INTRODUCTION AND TECHNICAL DATA (00.)** has the dual function of introducing the model and supporting the remaining part of the manual. This section contains the tables of technical data and specific information relating to the sections in the remaining part of the manual.

The remaining sections (10. - 18. etc.) include the descriptions for the repair operations.

This manual contains graphic representations and symbols in place of descriptions for mechanical components, operations and servicing.



ENGINES Section 10 contains illustrations of the operations of removing-refitting the power unit, operations on vehicle and the various fuel, lubrication and cooling systems.
The procedure for overhauling the engines, is published in separate booklets under the following print numbers:

1995 16v: 504.513/06

*Inserted in the Overhauling Petrol Engines Manual
Volume 1*

1998 20v - 2446 20v: 505.810/02

2959 V6 24v: 505.810/03

*Inserted in the Overhauling Petrol Engines Manual
Volume 2*

2387 TD: 505.223/02

Inserted in the Overhauling Diesel Engines Manual

GEARBOXES Section 21-27 illustrates the operations of removing and refitting the gearbox. The procedure for overhauling the manual gearbox at the bench is published in a separate booklet under the following print number:

505.028/05:

Inserted in the Overhauling gearboxes manual

THIS PUBLICATION HAS BEEN PRODUCED IN A LOOSE LEAF FORMAT TO FACILITATE THE OPERATION OF UPDATING THE MODEL.



For the use of chemical products stick closely to the instructions in the safety chart which the supplier must give the consumer (for Italy in accordance with D.M. no. 46/1992)

The LANCIA k is a three box saloon with a load carrying structure, a transversely mounted engine and front wheel drive.

The LANCIA k is available in 5 different versions.

The LANCIA k 2.0 is powered by a 1998 cc, 5 cylinder in line engine with 4 valves per cylinder with BOSCH Motronic integrated electronic injection/ignition which develops a power output of 107 kW (145 CV bhp)

The LANCIA k 2.0 t is powered by a 1995 cc, 4 cylinder in line engine with 4 valves per cylinder with BOSCH Motronic integrated electronic injection/ignition, supercharged by a Garrett turbocharger and develops a power output of 151 kW (205 CV bhp)

The LANCIA k 2.4 is powered by a 2446 cc, 5 cylinder in line engine with 4 valves per cylinder with BOSCH Motronic integrated electronic injection/ignition and develops a power output of 129 kW (175 CV bhp)

The LANCIA k 3.0 is powered by a 2959 cc 6 cylinder in 60° V engine, with 4 valves per cylinder, with BOSCH Motronic integrated electronic injection/ignition and develops a power output of 148 kW (201 CV bhp)

The LANCIA k 2.4 td is powered by a 2387 cc 5 cylinder in line Diesel engine with electronically controlled indirect injection, supercharged by an IHI turbocharger and develops a power output of 91 kW (124 CV bhp)

	Removing Disconnect		Inlet
	Refitting Connect		Exhaust
	Dismantling Disassembly		Operation
	Fitting Composition		Tolerance Difference in weight
	Tighten to torque		Pre-loading
	Tighten to torque plus angle		Rotation
	Fully tighten		Compression ratio
	Stake nut		Selection Classes
	Adjustment Regulation		Oversize Greater than Maximum Undersize Smaller than Idling
	Visual inspection Check		Number of revs
	Warning		Ratio
	Lubricate Grease		Pressure
	Replace Genuine spares		Temperature
	Bleed braking system		Temperature <0°C Cold Winter
	Work surface Machined surface		Temperature >0°C Hot Summer
	Interference Force fit		Windscreen wiper with electric washer pump
	Distance to be measured Measurement – Check Thickness - Clearance		Rearscreen wiper with electric washer pump
	Rolling torque		Engine

SERVICE MANUAL COMPOSITION

At present, September 1994, the LANCIA K 2nd volume manual is composed of the following booklets:

Print No.	Sections	Page Nos.	Versions	Comments
506.475/01 With binder (IX/94)	50	1 ÷ 50	All versions	Automatic climate control Automatic heater
	55	1 ÷ 178	All versions	Electrical equipment
		1 ÷ 143	All versions	Wiring diagrams
	55D	1 ÷ 83	All versions	Electrical equipment diagnosis
	70	1 ÷ 82	All versions	Removing-refitting Replacing body panels

Print N°	Sections	Page Nos.	Versions	Comments
506.475/08 (IV/96)	55	117-117/1 117/2-117/3 117/4-118	All versions	Lancia CODE emergency starting procedure using accelerator pedal (96 range)
506.475/14 (VI/96)	55	18	All versions	Electrical equipment update
		1-17	96 range versions	Radiofrequency alarm
		1-43	All versions	Wiring diagrams update
	55	34/1-34/2 72/1	All versions	Update for fitting front door hinges and sticking interior rear view mirror support plate
506.475/16 (VIII/96)	50	19-20	All versions	Update
	55	176/3-176/6	All versions	Passenger Air Bag-New Air Bag update
		23-24 29-32	All versions	Wiring diagrams update
		1-30	96 range versions	Wiring diagrams
506.475/18 (X/96)	55	53-54	All versions	Infocenter update
	70	32/1	All versions	Replacing glove compartment flap lock barrel
506.475/13 (XI/96)	55	Index 26/1-26/4 29	96 range versions	Radio phone wiring diagrams update
506.475/19 (VI/97)	55	53-54	All versions	Update: Infocenter
		79-80 80/1		Update: Headlamp alignment
		26/5-26/10 29	96 range versions	Update: Wiring diagrams
	70	83-84	All versions	Update: Sound insulation panels
506.475/20 (X/97)	55	57-58	All versions	Update: I.G.E. control unit
		Index 26/11-26/12	96 range versions	Update: Wiring diagrams.

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Print N°	Sections	Page Nos.	Versions	Comments
506.475/01 With binder (IX/94)	50	1-50	All versions	Automatic climate control Automatic heater
	55	1-178	All versions	Electrical equipment
		1-143	All versions	Wiring diagrams
	55D	1-83	All versions	Electrical equipment fault diagnosis
	70	1-82	All versions	Removing-refitting Replacing body panels
506.475/02 X/94)	55	101-118	All versions	Electrical equipment: Lancia CODE
		1	All versions	Wiring diagrams index
506.475/04 XI/94)	70	35-36	All versions	I.S. 12/94
506.475/05 XII/95)	70	35-36	All versions	Replacing rear window update
506.475/07 (V/95)	55	31-54 117-118 175-176 176/1-176/1	All versions	Infocenter-Lancia CODE Air Bag: update
		13-14		Lancia CODE: wiring diagram update
506.475/09 (VII/95)	50	28/1-28/2	All versions	I.S. 6/95
506.475/11 XI/95)	55	3-3/1 3/2-4	1998 20V 2446 20V 2387 TD	I.S. 11-12/95
	70	34/1-34/2	All versions	

Print N°	Sections	Page Nos.	Versions	Comments
506.475/22 (II/98)	55	147-176	All versions	Update: Air Bag
506.475/23 (V/98)	55	Index 26/13-26/14	96 range versions	Update: Wiring diagrams
506.475/25 (II/99)	70	17-18 34/1-34/2	All versions	Update: Removing-refitting front seat and sticking interior rear view mirror support plate

WORKSHOP MANUAL COMPOSITION

To date, June 1997, the LANCIA k volume 2 manual comprises the following:

Publication no.	Sections	Number of pages	Versions	Notes
506.475/01 With binder (IX/94)	50	1-50	All versions	Automatic air conditioner Automatic heater
	55	1-178	All versions	Electrical system
		1-143	All versions	Wiring diagrams
	55D	1-83	All versions	Electrical equipment diagnosis
	70	1-82	All versions	Removing-refitting Replacing body panels
506.475/02 (X/94)	55	101-118	All versions	Electrical system: Lancia CODE
		1	All versions	Contents wiring diagrams
506.475/04 (XII/94)	70	35-36	All versions	S.I. 12/94
506.475/05 (III/95)	70	35-36	All versions	Replacing rear window update
506.475/07 (V/95)	55	31-54 117-118 175-176 176/1-176/1	All versions	Infocenter - Lancia CODE Air-Bag: update
		13-14		Lancia CODE: wiring diagram update
506.475/09 (VII/95)	50	28/1-28/2	All versions	S.I. 6/95
506.475/11 (XI/95)	55	3 - 3/1 3/2 - 4	 20V  20V  TD	S.I. 11-12/95
	70	34/1-34/2	All versions	

Cont.

Publication no.	Sections	Number of pages	Versions	Notes
506.475/08 (IV/96)	55	117-117/1 117/2-117/3 117/4-118	All versions	Lancia CODE emergency starting procedure with accelerator pedal ('96 range)
506.475/14 (VI/96)	55	18	All versions	Update of electrical system
		1-17	'96 range versions	Alarm and radiofrequency
		1-43	All versions	Update of wiring diagrams
	55	34/1-34/2 72/1	All versions	Update of fitting of front door hinges and glueing of interior rear-view mirror mounting plate
506.475/16 (VIII/96)	50	19-20	All versions	Update
	55	176/3-176/6	All versions	Update of passenger Air-Bag - New Air-Bag
		23-24 29-32	All versions	Update of wiring diagrams
		1-30	'96 range versions	Wiring diagrams
506.475/18 (X/96)	55	53-54	All versions	Update of Infocenter
	70	32/1	All versions	Replacing lock barrel on glove compartment door
506.475/13 (XII/96)	55	Contents 26/1-26/4 29	'96 range versions	Update of wiring diagrams: Car 'phone
506.475/19 (VI/97)	55	53-54	All versions	Update: Infocenter
		79-80 80/1		Update: Headlamp alignment
	70	26/5-26/10 29	'96 range versions	Update: Wiring diagrams
		83-84	All versions	Update: Sound-proofing panels

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SERVICE MANUAL COMPOSITION

At present, December 1995, the LANCIA k 2nd volume manual is composed of the following booklets:

Print No.	Sections	Page Nos.	Versions	Comments
506.475/01 With binder (IX/94)	50	1 ÷ 50	All versions	Automatic climate control Automatic heater
	55	1 ÷ 178	All versions	Electrical equipment
		1 ÷ 143	All versions	Wiring diagrams
	55D	1 ÷ 83	All versions	Elec. Equip. fault diagnosis
	70	1 ÷ 82	All versions	Removing-refitting Replacing body panels
506.475/02 (X/94)	55	101 ÷ 118	All versions	Electrical equip.: Lancia CODE
		1	All versions	Wiring diagrams index
506.475/04 (XII/94)	70	35 ÷ 36	All versions	I.S. 12/94
506.475/05 (III/95)	70	35 ÷ 36	All versions	Replacing rear window glass - update
506.475/07 (V/95)	55	31 ÷ 54 117 ÷ 118 175 ÷ 176 176/1 ÷ 176/1	All versions	Infocenter - Lancia CODE Air-Bag: update
		13 ÷ 14		Lancia CODE: wiring diagram update
506.475/09 (VII/95)	50	28/1-28/2	All versions	I.S. 6/95
506.475/11 (XI/95)	55	3 - 3/1 3/2 - 4		I.S. 11-12/95
	70	34/1-34/2	All versions	

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Print N°	Sections	Page Nos.	Versions	Comments
506.475/01 With binder (IX/94)	50	1 ÷ 50	All versions	Automatic climate control Automatic heater
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		1 ÷ 143	All versions	Wiring diagrams
	55D	1 ÷ 83	All versions	Electrical equip. fault diagnosis
	70	1 ÷ 82	All versions	Removing-refitting Replacing body panels
506.475/02 (X/94)	55	101 ÷ 118	All versions	Electrical equip.: Lancia CODE
		1	All versions	Wiring diagrams index
506.475/04 (XII/94)	70	35 ÷ 36	All versions	I.S. 12/94
506.475/05 (III/95)	70	35 ÷ 36	All versions	Replacing rear windscreen: update
506.475/07 (V/95)	55	31 ÷ 54 117 ÷ 118 175 ÷ 176 176/1 ÷ 176/1	All versions	Infocenter - Lancia CODE Air-Bag: update
		13 ÷ 14		Lancia CODE: wiring diagram update
506.475/09 (VII/95)	50	28/1-28/2	All versions	I.S. 6/95
506.475/11 (XI/95)	55	3 - 3/1 3/2 - 4	 20V  20V  TD	I.S. 11-12/95
	70	34/1-34/2	All versions	

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Print N°	Sections	Page Nos.	Versions	Comments
506.475/08 (IV/96)	55	117-117/1 117/2-117/3 117/4-118	All versions	Lancia CODE emergency starting procedure with accelerator pedal (96 range)
506.475/14 (VI/96)	55	18	All versions	Update: electrical equipment
		1 ÷ 17	96 range versions	Radiofrequency alarm
		1 ÷ 43	All versions	Wiring diagrams update
	55	34/1-34/2 72/1	All versions	Update: fitting front door hinges and sticking interior rear view mirror support plate
506.475/16 (VIII/96)	50	19 ÷ 20	All versions	Update
	55	176/3 ÷ 176/6	All versions	Update: Passenger Air-Bag - New Air-Bag
		23 ÷ 24 29 ÷ 32	All versions	Wiring diagrams update
		1 ÷ 30	96 range versions	Wiring diagrams
506.475/18 (X/96)	55	53 ÷ 54	All versions	Update: Infocenter
	70	32/1	All versions	Replacing glove compartment lock barrel
506.475/13 (XII/96)	55	Index 26/1 ÷ 26/4 29	96 range versions	Wiring diagrams update: Radiotelephone
506.475/19 (VI/97)	55	53 ÷ 54	All versions	Update: Infocenter
		79 ÷ 80 80/1		Update: Headlamp alignment
		26/5 ÷ 26/10 29	96 range versions	Update: Wiring diagrams
	70	83 ÷ 84	All versions	Update: Sound insulation panels
506.475/20 (XI/97)	55	57 ÷ 58	All versions	Update: I.G.E. control unit
		Index 26/11 ÷ 26/12	96 range versions	Update: Wiring diagrams

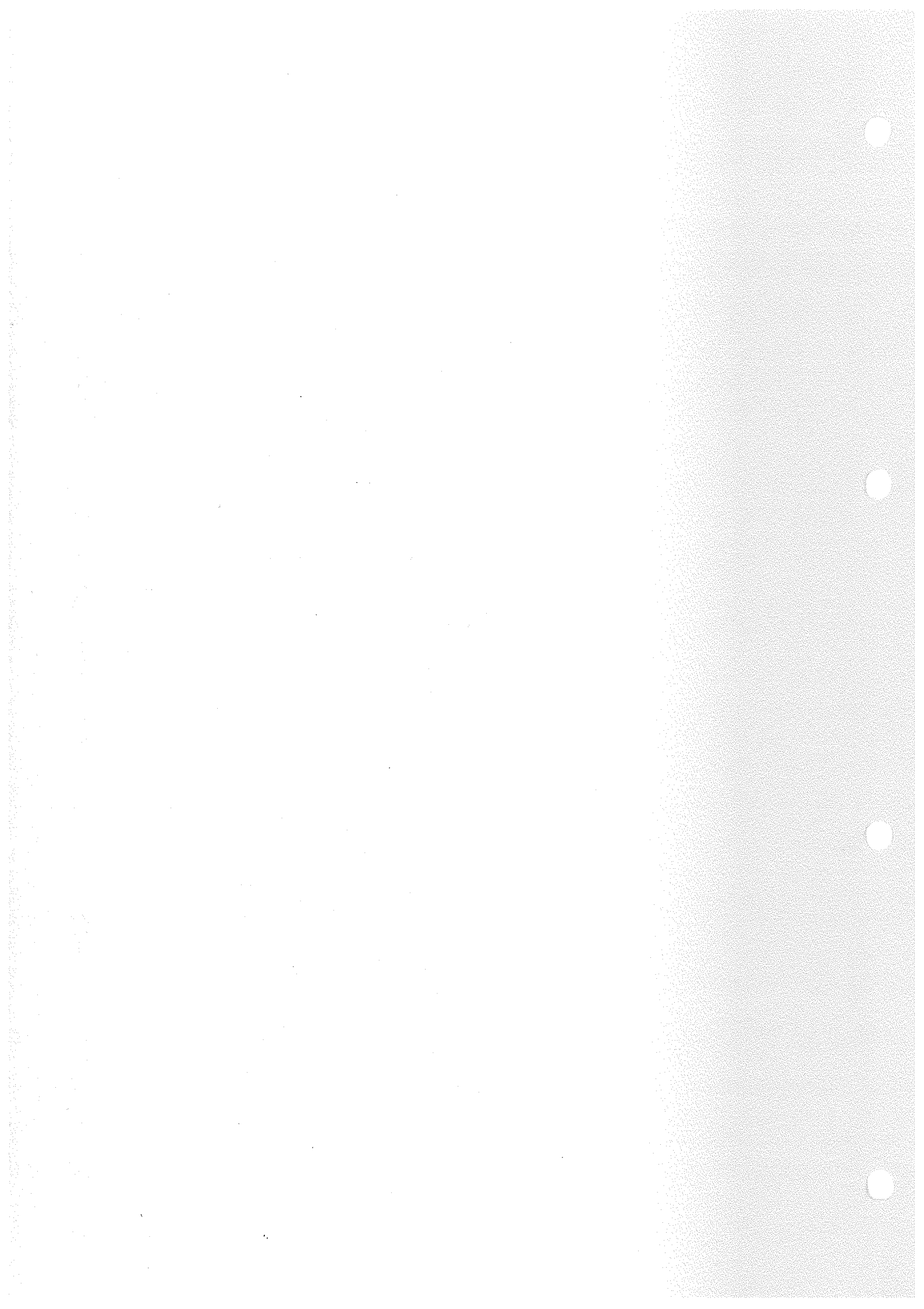
Update for the "LANCIA K 2nd volume" manual

Update: Air-Bag

(Print no. 506.475/22) (II-98) order n° *604.45.960*

The pages in this booklet deal with the Air Bag and replace those in Section 55 of the manual.

Together with these pages comes the Summary for the 2nd and 3rd volumes and the update pages for Section 00 of the LANCIA K '97 update and 55-70 for the LANCIA K Coupé which likewise replace the pages in the manuals.



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