

# LANCIA



# LANCIA k

## 3rd Volume

Workshop  
Manual

3U05DV

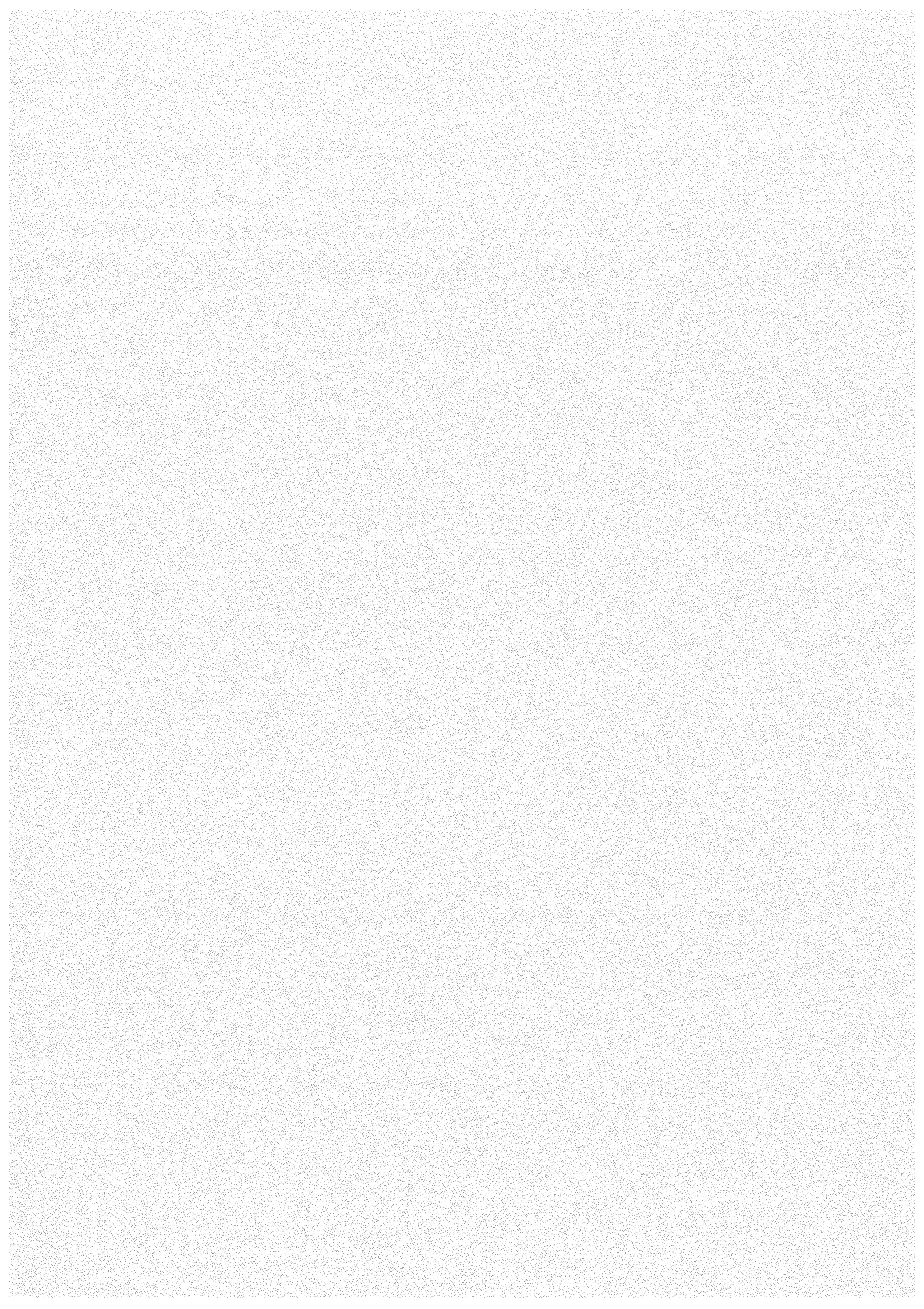
## COPYRIGHT FIAT AUTO

The reproduction, even partial, of the text and illustrations is prohibited.

The information contained in this publication is purely indicative and could be out of date following modifications made by the Manufacturer, at any time, for technical or commercial reasons or in order to conform to legal requirements in the various countries.



Fiat Auto S.p.A.  
D.M.C. - M.P.S.  
Servizi Post Vendita - Assistenza Tecnica  
10040 Volvera - TO - (Italia) - Largo Senatore G.Agnelli, 5  
Publication no. 506.475/12 - Aprile 1996 - 400  
Printed in Italy - Tip. Stampart - TORINO  
order no. 60444236



This booklet is composed, in order, of the following pages:

- Summary for the 1st volume replaces the one for the appropriate manual
- 13 sheets which replace those in section 00 of the manual
- 1 sheet which replaces the one in section 00 of the manual for the 1998 20v version with automatic transmission.
- 1 sheet which replaces the one in section 10 dealing with the removing-refitting of the 1998 20v - 2446 20v version
- 2 sheets which replace those in section 44 of the manual
- 1 sheet which replaces the one in section 44 dealing with the 96 range versions
- Summary for the 2nd volume which replaces the one for the appropriate manual
- 2 sheets which replace those in section 55 of the manual
- 1 sheet to be inserted in section 55 of the manual
- An index for section 55 for the LANCIA k 96 range wiring diagrams which replaces the one in the manual
- 4 sheets to be inserted in section 55 for the LANCIA k 96 range wiring diagrams
- An index for section 70 which replaces the one in the manual
- 1 sheet to be inserted in section 70 of the manual
- A Summary for the 3rd volume which replaces the one in the manual
- 7 sheets which replace those in section 00 of the LANCIA k SW
- 1 sheet which replaces the one in section 44 of the LANCIA k SW
- 5 sheets which replace those in section 00 of the LANCIA k Coupé
- An index and pages for section 55 of the LANCIA k Coupé dealing with the version with exhaust gas lights
- An index for section 70 for the LANCIA k Coupé which replaces the one in the manual
- 5 sheets which replace those in section 70 dealing with the LANCIA k Coupé

3U075V

**SERVICE MANUAL COMPOSITION**

At present, June 1997, the **LANCIA k 3rd volume** manual is composed of the following booklets:

Print N°	Sections	Page Nos.	Versions	Comments
<b>506.475/12</b> With binder (IV/96)	<b>00</b>	1 ÷ 36	LANCIA k SW	Introduction - Technical data
	<b>44</b>	1 ÷ 10		Nivomat self-levelling suspension
	<b>55</b>	1 ÷ 7		Electrical equip. wiring diagrams
	<b>70</b>	1 ÷ 23		Introduction - Safety - Bodyshell - Ecology and the environment - Bodyshell alignment - Replacing structural body panels - Adjustment of moveable parts
<b>506.475/15</b> (VI/96)	<b>00</b>	3 ÷ 14 21 ÷ 26	LANCIA k SW	Technical Data Update
	<b>44</b>	11 ÷ 16		Removing-refitting rear suspension spring - shock absorber assembly
	<b>55</b>	1 ÷ 14		Electrical equipment
		1 ÷ 19		Completion of wiring diagrams
	<b>70</b>	1 ÷ 55		Removing-refitting Replacing body panels
<b>506.475/13</b> (XII/96)	<b>00</b>	21 ÷ 24	LANCIA k SW	Technical Data Update
	<b>55</b>	Index 14/1 ÷ 14/4 17 ÷ 18		Wiring diagrams Update: Radiotelephone
	<b>55</b>	I ÷ III 1 ÷ 31	LANCIA k Coupé	Introduction - Technical data
		1 ÷ 14		Electrical equipment Lighting- Control units-Relays-Fuses
		1 ÷ 39		Electrical equip. wiring diagrams
	<b>70</b>	1 ÷ 27	Introduction-Safety-Bodyshell-Ecology and the environment-Bodyshell alignment- Replacing structural body panels- Adjustment of moveable parts	
		1 ÷ 68	Removing-refitting Replacing body panels	

Print N°	Sections	Page Nos.	Versions	Comments		
<b>506.475/19</b> (VI/97)	<b>00</b>	1÷2 3÷4 5÷6 7÷8 17÷18 23÷24 35÷36	LANCIA k SW	Update: Technical data		
		<b>44</b>		15÷16	Update: Nivomat self-levelling suspension	
	<b>00</b>	1÷2 3÷4 7÷8 21÷22 29÷30	LANCIA k Coupé	Update: Technical data		
				<b>55</b>	1÷14	Exhaust gas headlamps Automatic headlamp alignment device
				<b>70</b>	19÷28	Update: front seats

3U06SV

## SERVICE MANUAL COMPOSITION

At present, June 1996, the **LANCIA k 3rd volume** manual is composed of the following booklets:

Print No.	Sections	Page Nos.	Versions	Comments
<b>506.475/12</b> With binder (IV/96)	<b>00</b>	1 ÷ 36	LANCIA k SW	Introduction - Technical data
	<b>44</b>	1 ÷ 10		Nivomat self-levelling suspension
	<b>55</b>	1 ÷ 7		Electrical equip. wiring diagrams
	<b>70</b>	1 ÷ 23		Introduction - Safety - Bodyshell - Ecology and the environment - Bodyshell straightening - Replacing structural body panels - Adjusting moveable parts
<b>506.475/15</b> (VI/96)	<b>00</b>	3 ÷ 14 21 ÷ 26	LANCIA k SW	Update - Technical data
	<b>44</b>	11 ÷ 16		Removing-refitting rear suspension shock absorber-spring assembly
	<b>55</b>	1 ÷ 14		Electrical equipment
		1 ÷ 19		Wiring diagrams completion
	<b>70</b>	1 ÷ 55		Removing-refitting Replacing body panels





3U06SV

**SERVICE MANUAL COMPOSITION**

At present, June 1996, the **LANCIA k 3rd volume** manual is composed of the following booklets:

<b>Print No.</b>	<b>Sections</b>	<b>Page Nos.</b>	<b>Versions</b>	<b>Comments</b>
<b>506.475/12</b> With binder (IV/96)	<b>00</b>	1 ÷ 36	LANCIA k SW	Introduction - Technical data
	<b>44</b>	1 ÷ 10		Nivomat self-levelling suspension
	<b>55</b>	1 ÷ 7		Electrical equip. wiring diagrams
	<b>70</b>	1 ÷ 23		Introduction - Safety - Bodyshell - Ecology and the environment - Bodyshell straightening - Replacing structural body panels - Adjusting moveable parts
<b>506.475/15</b> (VI/96)	<b>00</b>	3 ÷ 14 21 ÷ 26	LANCIA k SW	Update - Technical data
	<b>44</b>	11 ÷ 16		Removing-refitting rear suspension shock absorber-spring assembly
	<b>55</b>	1 ÷ 14		Electrical equipment
		1 ÷ 19		Wiring diagrams completion
	<b>70</b>	1 ÷ 55		Removing-refitting Replacing body panels



02/21/2000

3U06SV

## SERVICE MANUAL COMPOSITION

At present, April 1996, the **LANCIA k 3rd volume** manual is composed of the following booklets:

Print No.	Sections	Page Nos.	Versions	Comments
<b>506.475/12</b> With binder (IV/96)	<b>00</b>	1 ÷ 36	LANCIA k SW	Introduction - Technical data
	<b>44</b>	1 ÷ 10		Nivomat self-levelling suspension
	<b>55</b>	1 ÷ 6		Diagrams: electrical equipment
	<b>70</b>	1 ÷ 23		Introduction - Safety - Bodyshell - Ecology and environment - Bodyshell alignment - Replacing structural body panels - Adjust- ment of moveable parts

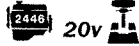


3U07SV

**SERVICE MANUAL COMPOSITION**

At present, November 1997, the **LANCIA k 3rd volume** manual is composed of the following booklets:

Print N°	Sections	Page Nos.	Versions	Comments
<b>506.475/12</b> With binder (IV/96)	<b>00</b>	1 ÷ 36	LANCIA k SW	Introduction - Technical data
	<b>44</b>	1 ÷ 10		Nivomat self-levelling suspension
	<b>55</b>	1 ÷ 7		Electrical equip. wiring diagrams
	<b>70</b>	1 ÷ 23		Introduction - Safety - Bodysell - Ecology and the environment - Bodysell alignment - Replacing structural body panels - Adjust- ing moveable parts
<b>506.475/15</b> (VI/96)	<b>00</b>	3 ÷ 14 21 ÷ 26	LANCIA k SW	Update: Technical data
	<b>44</b>	11 ÷ 16		Removing-refitting rear suspension spring - shock absorber assembly
	<b>55</b>	1 ÷ 14		Electrical equipment
		1 ÷ 19		Completion of wiring diagrams
	<b>70</b>	1 ÷ 55		Removing-refitting Replacing body panels
<b>506.475/13</b> (XII/96)	<b>00</b>	21 ÷ 24	LANCIA k SW	Update: Technical data
	<b>55</b>	Index 14/1 ÷ 14/4 17 ÷ 18		Wiring diagrams update: Ra- diotelephone
	<b>55</b>	1 ÷ III 1 ÷ 31	LANCIA k Coupé	Generalità - Dati tecnici
		1 ÷ 14		Impianto elettrico: Illuminazione- Centraline-Teleruttori-Fusibili
		1 ÷ 39		Schemi impianto elettrico
	<b>70</b>	1 ÷ 27	Generalità-Sicurezza-Scocca-Ecologia e ambiente-Riquadratura scocca- Sos- tituzione lamierati strutturali- Registra- zione parti mobili	
		1 ÷ 68	Stacchi riattacchi Sostituzione lamierati	


Print N°	Sections	Page Nos.	Versions	Comments
<b>506.475/19</b> (VI/97)	<b>00</b>	1÷2 3÷4 5÷6 7÷8 17÷18 23÷24 35÷36	LANCIA k SW	Update: Technical data
	<b>44</b>	15÷16		Update: Nivomat self-levelling suspension
	<b>00</b>	1÷2 3÷4 7÷8 21÷22 29÷30	LANCIA k Coupé	Update: Technical data
	<b>55</b>	1÷14		Gas headlamps Automatic headlamp alignment
	<b>70</b>	19÷28		Update: front seats
<b>506.475/20</b> (XI/97)	<b>00</b>	1÷7	LANCIA k (all versions) '97 update	Technical data - Special tools - Tightening torques - Vehicle with C.530 gearbox
			LANCIA k - k SW 	Introduction - Technical data
	<b>21-27</b>	1÷28	LANCIA k (all versions) '97 update	Removing-refitting C.530 gear- box - External gearbox controls (the procedure illustrated deals with the 2959 V6 24v version)

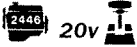

3U075V

**SERVICE MANUAL COMPOSITION**

At present, February 1998, the **LANCIA k 3rd volume** manual is composed of the following booklets:

Print N°	Sections	Page Nos.	Versions	Comments	
<b>506.475/12</b> With binder (IV/96)	<b>00</b>	1 ÷ 36	LANCIA k SW	Introduction - Technical data	
	<b>44</b>	1 ÷ 10		Nivomat self-levelling suspension	
	<b>55</b>	1 ÷ 7		Electrical equip. wiring diagrams	
	<b>70</b>	1 ÷ 23		Introduction - Safety - Bodyshell - Ecology and the environment - Bodyshell alignment - Replacing structural body panels - Adjusting moveable parts	
<b>506.475/15</b> (VI/96)	<b>00</b>	3 ÷ 14 21 ÷ 26	LANCIA k SW	Update: Technical data	
	<b>44</b>	11 ÷ 16		Removing-refitting rear suspension shock absorber - spring assembly	
	<b>55</b>	1 ÷ 14		Electrical equipment	
		1 ÷ 19		Completion of wiring diagrams	
	<b>70</b>	1 ÷ 55		Removing-refitting Replacing body panels	
<b>506.475/13</b> (XII/96)	<b>00</b>	21 ÷ 24	LANCIA k SW	Update: Technical data	
	<b>55</b>	Index 14/1 ÷ 14/4 17 ÷ 18		Wiring diagrams update: Radio phone	
	<b>00</b>	1 ÷ III 1 ÷ 31	LANCIA k Coupé	Introduction - Technical data	
		<b>55</b>		1 ÷ 14	Electrical equipment: Lighting- Control units-Relays-Fuses
				1 ÷ 39	Electrical equip. wiring diagrams
	<b>70</b>	1 ÷ 27	Introduction-Safety-Bodyshell-Ecology and the environment-Bodyshell alignment- Replacing structural body panels- Adjusting moveable parts		
		1 ÷ 68	Removing-refitting Replacing body panels		

Cont' 

Print N°	Sections	Page Nos.	Versions	Comments
<b>506.475/19</b> (VI/97)	<b>00</b>	1÷2 3÷4 5÷6 7÷8 17÷18 23÷24 35÷36	LANCIA k SW	Update: Technical data
	<b>44</b>	15÷16		Update: Nivomat self-levelling suspension
	<b>00</b>	1÷2 3÷4 7÷8 21÷22 29÷30	LANCIA k Coupé	Update: Technical data
	<b>55</b>	1÷14		Exhaust gas headlamps Automatic headlamp alignment device
	<b>70</b>	19÷28		Update: front seats
<b>506.475/20</b> (XI/97)	<b>00</b>	1÷7	LANCIA k (all types) '97 update	Technical data - Special tools - Tightening torques - Vehicles with C.530 gearbox
			LANCIA k - k SW 	Introduction - Technical data
	<b>21-27</b>	1÷28	LANCIA k (all types) '97 update	Removing-refitting C.530 gear- box - External gearbox controls (the procedure illustrated is for the 2959 V6 24v version)
<b>506.475/21</b> (I/98)	<b>55</b>	1÷72	LANCIA k  24v	Electrical equip. wiring diagrams
		1÷115	Integrated Bodywork System	
<b>506.475/22</b> (II/98)	<b>00</b>	1÷2	LANCIA k '97 update	Update: Technical data
	<b>55</b>	27÷28 39	LANCIA k Coupé	Update: Key Wiring diagrams
	<b>70</b>	21÷22		Update: Front seats



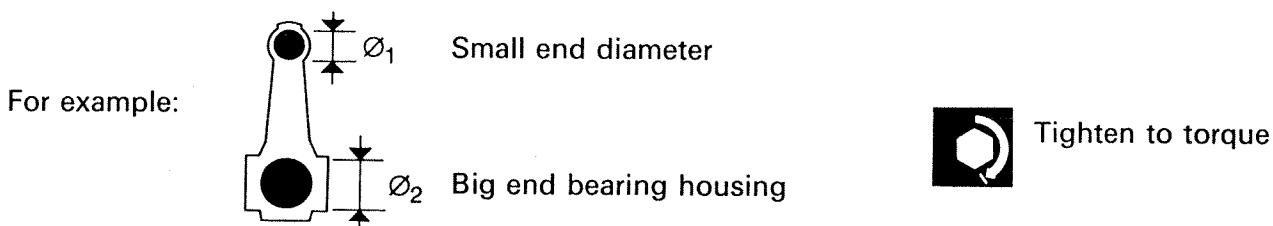
3U04PV

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

The section **INTRODUCTION AND TECHNICAL DATA (00.)** has a dual function of introducing the model and supporting the remaining part of the manual. This section includes 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 descriptions of the repair operations.

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



*For anything not dealt with in this manual, refer to the LANCIA k 1st and 2nd volume manuals (print nos. 506.475 and 506.475/01) and the updates.*

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



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

The **LANCIA k SW** is a two box 5 door vehicle with a load carrying structure, transversely mounted engine and front wheel drive.

The **LANCIA k SW** comes in 5 different versions.






































The **LANCIA k SW 2.0** is driven by a 1998 cc, 5 cylinder in line engine with 4 valves per cylinder, a BOSCH Motronic integrated electronic injection/ignition system and it develops a power output and 114 kW (155 CV).

The **LANCIA k SW 2.0 t** is driven by a 1998 cc, 4 cylinder in line engine, with 4 valves per cylinder, a BOSCH Motronic integrated electronic injection/ignition system, is supercharged by a Garrett turbocharger and develops a power output of 151 kW (205 CV)

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

The **LANCIA k SW 3.0** is driven by a 2959 cc 6 cylinder in a 60° V formation engine with 4 valves per cylinder, a BOSCH Motronic integrated electronic injection/ignition system and develops a power output of 150 kW (204 CV)

The **LANCIA k SW 2.4 td** is driven 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)

	Removing Disconnect		Refitting Connect		Dismantling Disassembly		Refitting Composition		Tighten to torque		Tighten to torque plus angle		Fully tighten		Stake nut		Adjustment Regulation		Visual inspection Check		Warning		Lubricate Grease		Replace Genuine spares		Bleed braking system		Work surface Machined surface		Interference Force fit		Distance to be measured Measurement - Check Thickness - Clearance		Rolling torque		Inlet		Exhaust		Operation		Tolerance Difference in weight		Pre-loading		Rotation		Compression ratio		Selection Classes		Oversize Greater than .... Maximum		Undersize Smaller than .... Idling		No. of revs		Ratio		Pressure		Temperature		Temperature < 0°C Cold Winter		Temperature > 0°C Hot Summer		Windscreen wiper with electric washer pump		Rear screen wiper with electric washer pump		Engine
---	------------------------	---	----------------------	---	----------------------------	---	--------------------------	---	-------------------	---	---------------------------------	---	---------------	--	-----------	---	--------------------------	---	----------------------------	---	---------	---	---------------------	---	---------------------------	---	-------------------------	---	----------------------------------	---	---------------------------	---	---	---	----------------	---	-------	---	---------	---	-----------	---	-----------------------------------	---	-------------	---	----------	---	----------------------	--	----------------------	---	--	---	--	---	-------------	---	-------	---	----------	---	-------------	---	-------------------------------------	---	------------------------------------	---	--	---	---	---	--------

