	<b>PART - GROUP CHANGE NOTIFICATION</b>		Bulletin no	Date	03.10.2008
	Prepared by	Burak HARAÇ	Signature		
	Approved by		Signature		

### TECHNICAL EXPLANATION OF THE CHANGE

Topic	Motor Change for Terra Condenser & Air Vented Dryers
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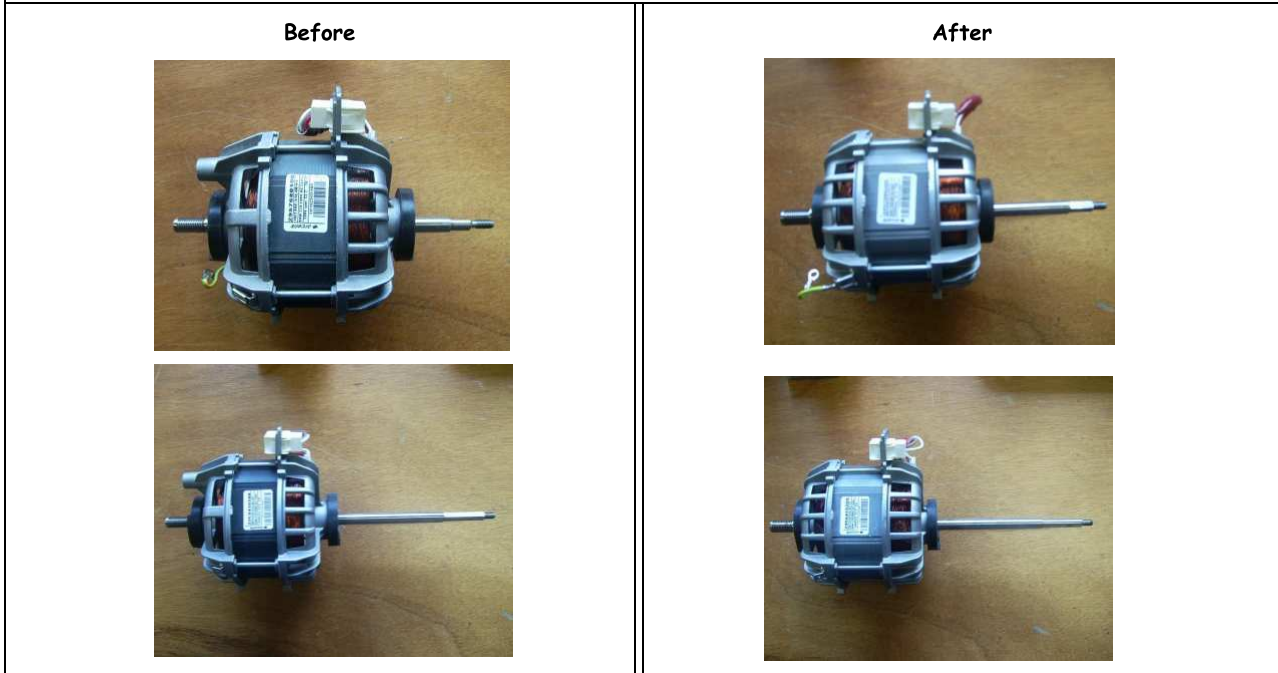
**Explanation**

To improve the belt-drive system performance of Terra dryers 02 type motors are started to use for both condenser and air vented models.

This motor change brings some other part changes related to the motor.

In case of trouble for motor, fan and capacitor the table which has been attached to the report must be followed. At the table part changes described for different part troubles.

**Motor change and belt change must be performed together. For any change belt situation must be checked from part table.**



### INFORMATION ABOUT THE PART CHANGES

Ref	New part(s)			Old Part(s)			Code
	Part name	Stock number	Rev	Part name	Stock number	Rev	

**CODE EXPLANATION :**

**A**- Old stocks can be used; Old & new parts are fully interchangeable

**B**- Old stocks can be used; Old parts are interchangeable with old productions & new parts are interchangeable with new productions

**C**- Old stocks can not be used. New parts are interchangeable with old & new productions

**D**- Old stocks can not be used. New parts are interchangeable with new productions

**1**- Performance / **2**- Production improvement / **3**- Safety / **4**- Material or dimension change / **5**- Additional part / **6**- Part cancellation / **7**- Alternative use

### INFORMATION ABOUT THE PRODUCT CHANGES

No	Date	Brand	Model	Started from	Finished at	Signature
1	17.03.2008	All TERRABrands	TERRA Condenser dryers	17.03.2008		
2	10.03.2008	All TERRA Brands	TERRA Air Vented dryers	10.03.2008		
3						
4						
5						

TROUBLE SITUATIONS	AV/CND	MOTOR TYPE	MOTOR DESCRIPTION	EXISTING PART DESCRIPTION	EXISTING PART	ALTERNATIVE 1		ALTERNATIVE 2		EXPLANATION
						NEW PART DESCRIPTION	NEW PART	NEW PART DESCRIPTION	NEW PART	
Capacitor Trouble	AV	2957680100	DRYER MOTOR (EXP-TERRA-AV)	CAPACITOR (EPCOS 8 µF)	2807960800	CAPACITOR (EPCOS 8 µF)	2807960800			
		2957680200	DRYER MOTOR (TERRA-AV)45 PK	CAPACITOR (ARCOTRONICS 10 µF)	2807960500	CAPACITOR (ARCOTRONICS 10 µF)	2807960500			
		2957680300	DRYER MOTOR (TERRA-AV)45 PK	CAPACITOR (ARCOTRONICS 10 µF)	2807960500	CAPACITOR (ARCOTRONICS 10 µF)	2807960500			
	CND	2960410100	DRYER MOTOR(TERRA EXP.-CND-INSERT FAN)	CAPACITOR (ARCOTRONICS 8 µF)	2807960400	CAPACITOR (ARCOTRONICS 8 µF)	2807960400			10 µF Epcos and Arcotronics capacitors can be used instead of each other.
		2960410200	DRYER MOTOR(TERRA -CONDENSER)45PK	CAPACITOR (ARCOTRONICS 10 µF)	2807960500	CAPACITOR (ARCOTRONICS 10 µF)	2807960500			
		2960410300	DRYER MOTOR(TERRA -CONDENSER)45PK	CAPACITOR (EPCOS 10 µF)	2807960900	CAPACITOR (EPCOS 10 µF)	2807960900			
			CAPACITOR (ARCOTRONICS 10 µF)	2807960500	CAPACITOR (ARCOTRONICS 10 µF)	2807960500				
			CAPACITOR (EPCOS 10 µF)	2807960900	CAPACITOR (EPCOS 10 µF)	2807960900				
			CAPACITOR (EPCOS 10 µF)	2807960900	CAPACITOR (EPCOS 10 µF)	2807960900				
Motor Trouble	AV	2957680100	DRYER MOTOR (EXP-TERRA-AV)	DRYER MOTOR (EXP-TERRA-AV)	2957680100	DRYER MOTOR (EXP-TERRA-AV)	2957680100	DRYER MOTOR (TERRA-AV)45 PK/ø10,8	2957680300	In this change motor bracket clamps (plastic and metal) must be new version.
				MOTOR BRACKET CLAMP	2957490100	MOTOR BRACKET CLAMP	2957490100	MOTOR BRACKET CLAMP	2957490100	
				MOTOR BRACKET CLAMP (PLASTIC)	2953790100	MOTOR BRACKET CLAMP (PLASTIC)	2953790100	MOTOR BRACKET CLAMP (PLASTIC)	2953790100	
				POLY-V BELT (9PHE 1966)	2953240100	POLY-V BELT (9PHE 1967)	2953240200	POLY-V BELT (9PHE 1967)	2953240200	
				FAN	2957310100	NO CHANGE		FAN	2957310200	
				CAPACITOR (EPCOS 8 µF)	2807960800	NO CHANGE		CAPACITOR (ARCOTRONICS 10 µF)	2807960500	
	2957680200	DRYER MOTOR (TERRA-AV)45 PK	DRYER MOTOR (TERRA-AV)45 PK	2957680200	DRYER MOTOR (TERRA-AV)45 PK	2957680200	DRYER MOTOR (TERRA-AV)45 PK/ø10,8	2957680300		
	2957680300	DRYER MOTOR (TERRA-AV)45 PK	DRYER MOTOR (TERRA-AV)45 PK	2957680300	DRYER MOTOR (TERRA-AV)45 PK/ø10,8	2957680300	DRYER MOTOR (TERRA-AV)45 PK/ø10,8	2957680300		
	CND	2960410100	DRYER MOTOR(TERRA EXP.-CND-INSERT FAN)	MOTOR AND FAN ASSY. (TERRA EXP-CND)	2964400100	MOTOR AND FAN ASSY. (TERRA EXP-CND)	2964400100	MOTOR AND FAN ASSY.(TERRA CND-CNDU/103-103/ø10,8)	2964400300	In this change motor bracket clamps (plastic and metal) must be new version.
				MOTOR BRACKET CLAMP	2957490100	MOTOR BRACKET CLAMP	2957490100	MOTOR BRACKET CLAMP	2957490100	
				POLY-V BELT (9PHE 1966)	2953240100	POLY-V BELT (9PHE 1967)	2953240200	POLY-V BELT (9PHE 1967)	2953240200	
				CAPACITOR (ARCOTRONICS 8 µF)	2807960400	NO CHANGE		CAPACITOR (ARCOTRONICS 10 µF)	2807960500	
					NO CHANGE		CAPACITOR (EPCOS 10 µF)	2807960900		
2960410200	DRYER MOTOR(TERRA -CONDENSER)45PK	MOTOR AND FAN ASSY.(TERRA CND-CNDU/103-103)	2964400200	MOTOR AND FAN ASSY.(TERRA CND-CNDU/103-103)	2964400200	MOTOR AND FAN ASSY.(TERRA CND-CNDU/103-103/ø10,8)	2964400300			
2960410300	DRYER MOTOR(TERRA -CONDENSER)45PK	MOTOR AND FAN ASSY.(TERRA CND-CNDU/103-103/ø10,8)	2964400300	MOTOR AND FAN ASSY.(TERRA CND-CNDU/103-103/ø10,8)	2964400300	MOTOR AND FAN ASSY.(TERRA CND-CNDU/103-103/ø10,8)	2964400300			
Fan Trouble	AV	2957680100	DRYER MOTOR (EXP-TERRA-AV)	FAN	2957310100	FAN	2957310100			
		2957680200	DRYER MOTOR (TERRA-AV)45 PK	FAN	2957310200	FAN	2957310200			
		2957680300	DRYER MOTOR (TERRA-AV)45 PK	FAN	2957310200	FAN	2957310200			
	CND	2960410100	DRYER MOTOR(TERRA EXP.-CND-INSERT FAN)	MOTOR AND FAN ASSY. (TERRA EXP-CND)	2964400100	MOTOR AND FAN ASSY. (TERRA EXP-CND)	2964400100	MOTOR AND FAN ASSY.(TERRA CND-CNDU/103-103/ø10,8)	2964400300	In this change motor bracket clamps (plastic and metal) must be new version.
				MOTOR BRACKET CLAMP	2957490100	MOTOR BRACKET CLAMP	2957490100	MOTOR BRACKET CLAMP	2957490100	
				POLY-V BELT (9PHE 1966)	2953240100	NO CHANGE		POLY-V BELT (9PHE 1967)	2953240200	
2960410200	DRYER MOTOR (TERRA-AV)45 PK	MOTOR AND FAN ASSY.(TERRA CND-CNDU/103-103)	2964400200	MOTOR AND FAN ASSY.(TERRA CND-CNDU/103-103)	2964400200	MOTOR AND FAN ASSY.(TERRA CND-CNDU/103-103/ø10,8)	2964400300			
2960410300	DRYER MOTOR (TERRA-AV)45 PK	MOTOR AND FAN ASSY.(TERRA CND-CNDU/103-103/ø10,8)	2964400300	MOTOR AND FAN ASSY.(TERRA CND-CNDU/103-103/ø10,8)	2964400300	MOTOR AND FAN ASSY.(TERRA CND-CNDU/103-103/ø10,8)	2964400300			
Belt Trouble	AV	2957680100	DRYER MOTOR (EXP-TERRA-AV)	POLY-V BELT (9PHE 1966)	2953240100	POLY-V BELT (9PHE 1966)	2953240100	POLY-V BELT (9PHE 1967)	2953240200	
		2957680200	DRYER MOTOR (TERRA-AV)45 PK	POLY-V BELT (9PHE 1966)	2953240100	POLY-V BELT (9PHE 1966)	2953240200			
		2957680300	DRYER MOTOR (TERRA-AV)45 PK	POLY-V BELT (9PHE 1967)	2953240200	POLY-V BELT (9PHE 1967)	2953240200			
	CND	2960410100	DRYER MOTOR(TERRA EXP.-CND-INSERT FAN)	POLY-V BELT (9PHE 1966)	2953240100	POLY-V BELT (9PHE 1966)	2953240100	POLY-V BELT (9PHE 1967)	2953240200	
				POLY-V BELT (9PHE 1966)	2953240100	POLY-V BELT (9PHE 1967)	2953240200			
				POLY-V BELT (9PHE 1967)	2953240200	POLY-V BELT (9PHE 1967)	2953240200			

Old

2957490100 Motor braket kelepçesi/Motor bracket clamp



AV için kayış tarafı  
Belt Side for AV Dryers  
Kondenserde her iki tarafta kullanılacak  
Metal clamp will be used on both  
sides for condenser Terra dryers

New

2957490100 Motor braket kelepçesi/Motor bracket clamp



AV için kayış tarafı  
Belt Side for AV Dryers  
Kondenserde her iki tarafta kullanılacak  
Metal clamp will be used on both  
sides for condenser Terra dryers

2953790100 Plastik motor braket kelepçesi/Plastic motor bracket clamp



Fan tarafı (AV ler için)  
Fan Side (For AV Dryers)

2953790100 Plastik motor braket kelepçesi/Plastic motor bracket clamp



Fan tarafı (AV ler için)  
Fan Side (For AV Dryers)

2957310100 AV FAN



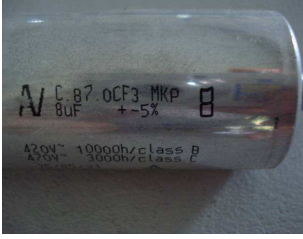
0100 type fan can be used  
only with 0100 type AV motors.

2957310200 AV FAN

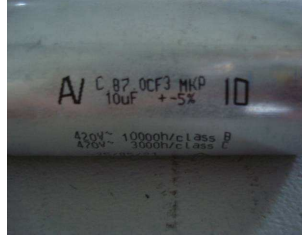


0200 type fan can be used  
with 0200 type motors

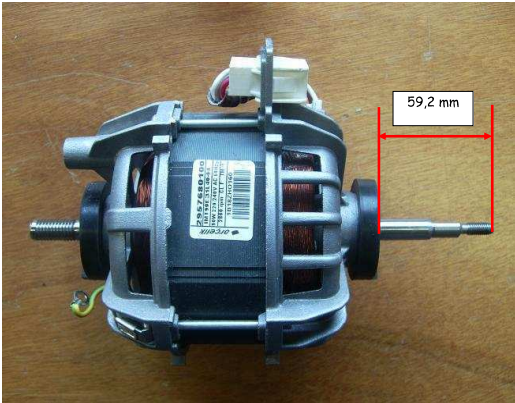
2807960800 Kapasitör/Capacitor 8uF



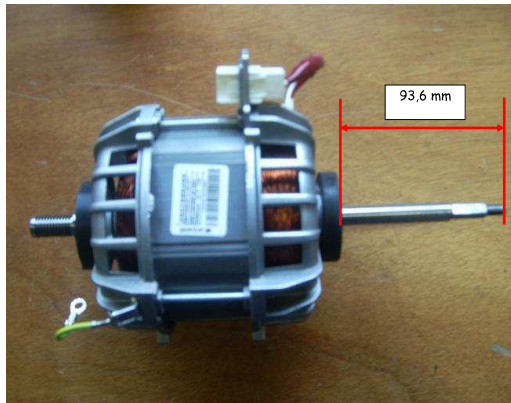
2807960500-0900 Kapasitör/Capacitor 10uF



2957680100 AV Motor



2957680200 AV Motor



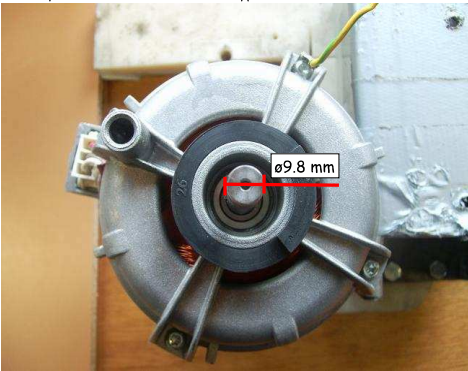
2960410100 CND Motor



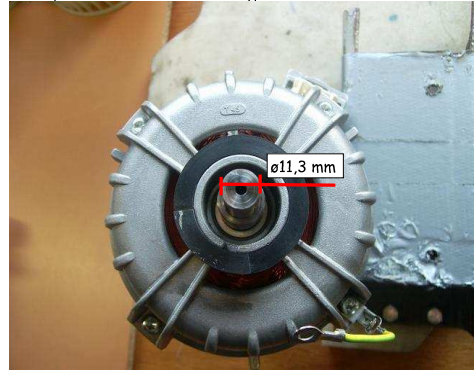
2960410200 CND Motor



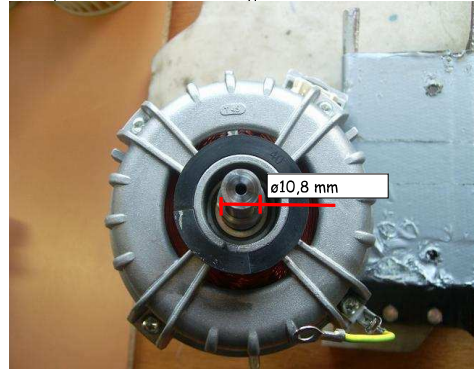
0100 tip AV ve CND Motorlar / 0100 type AV and CND Motors



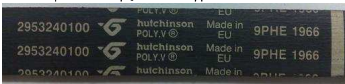
0200 tip AV ve CND Motorlar / 0200 type AV and CND Motors



0300 tip AV ve CND Motorlar / 0300 type AV and CND Motors



0100 Tip Terra Kayış / 0100 Type Terra Belt



0200 Tip Terra Kayış / 0200 Type Terra Belt



## Kayış Takma/Belt Mounting

Kayışları monte etmek için aşağıdaki resimde gösterilen kayış takma aparatı kullanılmalıdır.  
For belt mounting operation, the belt mounting tool which shown at the figure below must be used .



1- First the belt should be put on the drum as it is seen at "Picture - 1". The belt should be loose and its rib side must be on the drum side.



2- When the "service cover" is removed, the belt and the motor can be seen from open field.



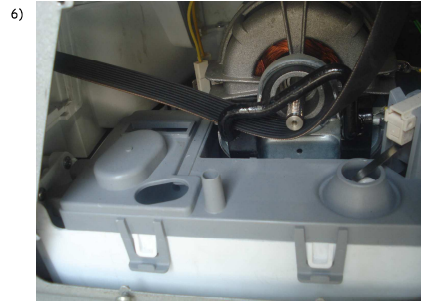
3- At the 3rd step, the belt's one side is replaced as it is seen from the "Picture 3". This movement is made to mount the belt easily on the motor side.



4- After the 3rd step the belt can be mounted easily on the motor shaft.



5- While the belt is being mounted, a "Belt Mounting Device" is used to block the lateral movement of the belt on the motor shaft.



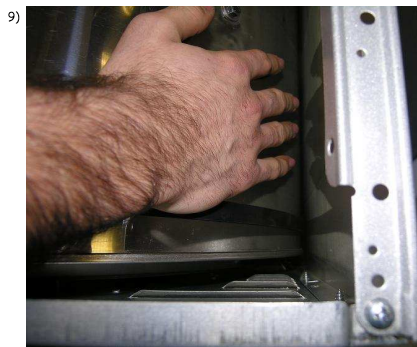
6- "Belt Mounting Device" is shown at "Picture - 6".



7- After placing the "Belt Mounting Device", the next step is to turn the drum. It is important to turn the drum at "Counterclockwise" direction (From the front side of the Dryer).



8- While rotating the drum, the belt should not be slip on the drum.



9- At "Picture - 9" it is shown how the belt is seen on the drum after it has been mounted.



At "Picture -10", the belt and the motor shaft is shown after the mounting process from the view of service cover field.