



# ELZEM

Otomotiv San.ve Tic.Ltd.Şti.



**WAX**<sup>®</sup>  
Motor Supapları  
Engine Valves

**2020**  
Ölçü Kataloğu  
Product List



TS 11147



CERTIFIED  
ISO 9001:2015  
TUV AUSTRIA CERTIFIED

[www.elzemwax.com](http://www.elzemwax.com)



Elzem-Wax Motor Supapları, üretimine 1993 yılında atölye seviyesinde başlamış olup, 1998 yılından itibaren üç ortağın bir araya gelmesiyle daha büyük bir üretim kapasitesine ulaşmıştır.

Elzem-Wax Motor Supapları, Konya Organize Sanayi Bölgesinde 6.000 m2 alan üzerinde 3.500 m2 kapalı alanda üretim yapmaktadır. TSE 11147 standartlarında, son teknolojik CNC ve supap üretim amaçlı otomatik tezgahlarda dizel ve benzinli araçların emme ve egzoz motor supaplarını üretmektedir.

2011 yılı sonu itibariyle yıllık 2.100.000 üretim adetine ulaşmış olan Elzem-Wax Motor Supapları, üretiminin %30'unu yurtiçi pazara, %70'ini ise ABD, Avrupa, Orta Doğu ve Afrika ülkelerine ihraç etmektedir.

ISO 9001-2015, TÜV AUSTRIA uluslararası kalite belgelerine sahip olan Elzem-Wax Motor Supapları, müşteri memnuniyeti ilkesini öncelikli tutarak pazarını büyötmeye devam etmektedir.

Elzem-Wax Motor Supapları, malzeme ve üretimden kaynaklanan hatalara karşı 2 yıl 100.000 km garantilidir.

**Elzem-Wax Engine Valves that began to manufacture in atelier level in 1993 reached bigger producing capacity since 1998 through coming together three partners.**

**Elzem-Wax Engine Valves located in Konya Organize Industry Zone over 6.000 m2 outdoor area 3.500 m2 indoor area. It produces Intake & Exhaust Valves of diesel and gasoline vehicles at high technology CNC and valve producing purposed automatic lathes in TSE 11147 standards.**

**Since end of 2011, Elzem-Wax Engine Valves that reached to annual 2.100.000 pieces product, exports its 30% production to domestic market, 70% production to USA, European, Middle East and African countries.**

**Elzem-Wax Engine Valves that has ISO 9001-2015, TUV AUSTRIA International Quality Certification continues to enlarge its market share through giving importance to customer satisfaction principle.**

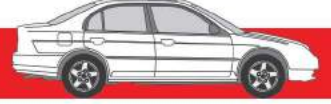
**Elzem-Wax Engine Valves provides 2 years, 100.000 km warranty against to defects arising from material and producing.**





**2020**  
Ölçü Katalođu  
**Product List**

**OTOMOBİL / AUTOMOBILE**



<b>01</b> AUDI	<b>09</b> ALFA ROMEO	<b>21</b> HONDA	<b>31</b> SUBARU
<b>01</b> CHEVROLET	<b>10</b> MERCEDES	<b>22</b> HYUNDAI	<b>32</b> PROTON
<b>02</b> OPEL	<b>11</b> RENAULT	<b>24</b> ISUZU	<b>32</b> CHERY
<b>04</b> SEAT	<b>13</b> VOLVO	<b>25</b> KIA	<b>32</b> ROVER
<b>04</b> SKODA	<b>14</b> FIAT	<b>26</b> MAZDA	<b>33</b> TOYOTA
<b>04</b> LADA	<b>17</b> FORD	<b>28</b> MITSUBISHI	<b>34</b> CITROËN
<b>05</b> VOLKSWAGEN	<b>20</b> DAEWOO	<b>29</b> NISSAN	<b>35</b> PEUGEOT
<b>08</b> BMW	<b>21</b> DAIHATSU	<b>31</b> SUZUKI	<b>37</b> TATA

**TRAKTÖR / TRACTOR**



<b>38</b> FIAT	<b>42</b> JOHNDEERE	<b>48</b> M.W.M	<b>49</b> RUGARINI
<b>39</b> FORD	<b>43</b> LISTER	<b>49</b> SAVEM	<b>50</b> SAME
<b>40</b> HATZ	<b>44</b> LOMBARDINI	<b>49</b> SUPERSTAR	<b>50</b> NEW HOLLAND
<b>41</b> IHI-SHIBAURA	<b>45</b> PERKINS (MASSEY FERGUSON)	<b>49</b> UNIVERSAL	<b>50</b> ZETOR
<b>41</b> INTER	<b>48</b> STEYR	<b>49</b> VALTRA	

**OTOBÜS / BUS**



<b>51</b> KHD MAGIRUS (DEUTZ)	<b>53</b> BMC	<b>53</b> OTOKAR
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**AĞIR VASITA / HEAVY VEHICLE**

**54** MAN

**56** MERCEDES

**58** DAF

**59** R.V.I

**60** SCANIA

**62** VOLVO

**65** BMC

**66** FIAT

**67** FORD

**67** HINO



**İŞ MAKİNESİ / HEAVY DUTY VEHICLE**

**68** KOMATSU

**69** CATERPILLAR

**71** CUMMINS

**72** KUBATO

**72** JCB

**73** YANMAR

**KARIŞIK GRUP / MIX GROUP**

**74-76**

**ARIZA ÇEŞİTLERİ / FAILURE TYPES**

**77-**


 FOR **AUDI**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
002 E01 0370	068 109 601L	Audi	80 Diesel Takma Motor Kısa Tip Std./0.5k (CR)	Supap	IN	34.00	8.00	95.00		45	4
002 E01 0371	068 109 611M				EX	31.00	8.00	95.00		45	4
002 E02 0599	056 103 419A	Audi	80 Diesel Takma Motor Kısa Tip (CR)	Gayd	IN	12.00	8.00	36.50			4
002 E02 0599	056 103 419A				EX	12.00	8.00	36.50			4
003 E01 0372	068 109 601C	Audi	80/100 D 1.6 (E.M.) Jetta 3 Tımkak Std./0.5k (CR)	Supap	IN	34.00	8.00	104.80		45	4
003 E01 0373	068 109 611C				EX	31.20	8.00	104.50		45	4
007 E01 0794	035 109 601H	Audi	80 GTE/Quattro Kısa Tip (PV.RT)	Supap	IN	40.00	8.00	91.00		45	4
007 E01 0795	026 109 611A				EX	33.20	8.00	90.80		45	4
008 E01 3848	059 109 601C	Audi	A4 2.5 V6 TDI / A6 2.5 V6 24V TDI (AFM)	Supap	IN	27.00	6.00	100.50		45	12
008 E01 3849	059 109 611C				EX	24.00	6.00	100.50		45	12
015 E01 0327	069 109 601H	Audi	80/100 Avant 1.9 Diesel	Supap	IN	36.00	8.00	95.55		45	4
015 E01 0329	069 109 611				EX	31.20	8.00	95.55		45	4
017 E01 3635	-	Audi	Q7 V6 3000 24V	Supap	IN	28.80	6.00	99.30		45	12
017 E01 3636	-				EX	26.85	6.00	99.30		45	12
872 E01 3407	059 109 601B	Audi	A6 2.5 TDI V6 24V (AFB.AKN)	Supap	IN	27.10	6.00	100.30		45	12
872 E01 3408	059 109 611B				EX	24.00	6.00	100.30		45	12
872 E02 3039	81-33112	Audi	A6 2.5 TDI V6 24V (AFB.AKN)	Gayd	IN	10.00	6.00	42.00			12
872 E02 3039	81-33112				EX	10.00	6.00	42.00			12

 FOR **CHEVROLET**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
580 E01 3392	C96896007	Chevrolet	Kalos 1.4/1.6 16V (Y.M.) (F13-D3)	Supap	IN	28.50	6.00	101.60		45	8
580 E01 3393	C96830500				EX	27.20	6.00	101.30		45	8
580 E02 3037	C96103034	Chevrolet	Kalos 1.4/1.6 16V (Y.M.) (F13-D3)	Gayd	IN	11.00	6.00	40.00			8
580 E02 3037	C96103034				EX	11.00	6.00	40.00			8
581 E01 0868	C94580146	Chevrolet	Kalos 1200cc 8V (B12S1)	Supap	IN	35.70	5.50	110.60		45	4
581 E01 0869	C96352793				EX	31.80	5.50	110.30		45	4
581 E02 0868	-	Chevrolet	Kalos 1200cc 8V (B12S1)	Gayd	IN	11.00	5.50	43.00			4
581 E02 0868	-				EX	11.00	5.50	43.00			4
584 E01 3427	-	Chevrolet	Kalos 1600 16V	Supap	IN	30.30	6.00	102.45		45	8
584 E01 3428	-				EX	26.00	6.00	102.00		45	8
585 E01 3532	C96335947	Chevrolet	Kalos 1400 8V	Supap	IN	38.00	6.00	104.00		45	4
585 E01 3533	C96335948				EX	31.00	6.00	104.10		45	4
585 E02 3037	C96103034	Chevrolet	Kalos 1400 8V	Gayd	IN	11.00	6.00	40.00			4
585 E02 3037	C96103034				EX	11.00	6.00	40.00			4
586 E01 3619	-	Chevrolet	Aveo 1200 16V (Y.M.)	Supap	IN	26.00	5.00	99.10		45	8
586 E01 3620	-				EX	23.00	5.00	99.70		45	8
587 E01 3388	24433078	Chevrolet	Cruze 1.6 16V	Supap	IN	31.20	5.00	117.20		45	8
587 E01 3389	24433079				EX	27.40	5.00	116.20		45	8
587 E02 3062	-	Chevrolet	Cruze 1.6 16V	Gayd	IN	10.00	5.00	50.00			8
587 E02 3062	-				EX	10.00	5.00	50.00			8
588 E01 3697	C96951454	Chevrolet	Captiva 2.0D 16V	Supap	IN	28.60	6.00	95.75		45	8
588 E01 3698	C96951455				EX	24.40	6.00	95.70		45	8


 FOR **OPEL**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
601 E01 0252	641 022	Opel	Vectra 2.0i 16V (C18EX)	Supap	IN	32.00	6.00	102.10		45	8
601 E01 0253	641 325				EX	29.00	6.00	92.20		45	8
601 E02 0516	4500633	Opel	Vectra 2.0i 16V (C18EX)	Gayd	IN	10.00	6.00	45.00		8	
601 E02 0615	81-4211				EX	10.00	6.00	35.00		8	
602 E01 0254	641 034	Opel	Vectra 1.4i/1.6i 16V (C16XE-X16XE)	Supap	IN	31.00	6.00	103.10		45	8
602 E01 0255	641 340				EX	27.50	6.00	102.20		45	8
602 E02 0516	4500633	Opel	Vectra 1.4i/1.6i 16V (C16XE-X16XE)	Gayd	IN	10.00	6.00	45.00		8	
602 E02 0516	4500633				EX	10.00	6.00	45.00		8	
603 E01 0256	642 758	Opel	Vectra/Astra GSI 2.0 16V (E.M.) (20XE)	Supap	IN	33.00	7.00	104.90		45	8
603 E01 0257	642 858				EX	29.00	7.00	105.00		45	8
603 E02 1113	-	Opel	Vectra/Astra GSI 2.0 16V (E.M.) (20XE)	Gayd	IN	11.00	7.00	45.80		8	
603 E02 1113	-				EX	11.00	7.00	45.80		8	
604 E01 0258	642 667	Opel	Vectra A 1.8/2.0 (E.M.) (20SE-20SEH)	Supap	IN	41.80	7.00	103.80		45	4
604 E01 0259	642 829				EX	36.50	7.00	103.80		45	4
604 E02 1113	-	Opel	Vectra A 1.8/2.0 (E.M.) (20SE-20SEH)	Gayd	IN	11.00	7.00	45.80		4	
604 E02 1113	-				EX	11.00	7.00	45.80		4	
605 E01 0260	641 015	Opel	Corsa/Astra 1.4 (C14SE-X14SZ)	Supap	IN	38.00	7.00	104.60		45	4
605 E01 0261	641 317				EX	31.00	7.00	104.60		45	4
605 E02 1113	-	Opel	Corsa/Astra 1.4 (C14SE-X14SZ)	Gayd	IN	11.00	7.00	45.80		4	
605 E02 3504	-				EX	11.00	7.00	45.80		4	
606 E01 0262	641 007	Opel	Corsa Swing TD 1.5 Astr Vectra A Vectra B 1.7	Supap	IN	34.60	7.00	104.10		45	4
606 E01 0263	641 322				EX	30.60	7.00	104.00		45	4
606 E02 0518	642 005	Opel	Corsa Swing TD 1.5 Astra Vectra A Vectra B 1.7	Gayd	IN	11.55	7.00	43.00		4	
606 E02 0518	642 005				EX	11.55	7.00	43.00		4	
607 E01 0264	642 651	Opel	Ascona/Astra/Vectra Kadett 1.6/1.7 Diesel	Supap	IN	36.00	8.00	123.20		45	4
607 E01 0265	641 353				EX	32.20	8.00	123.20		45	4
607 E02 0520	0642008	Opel	Ascona/Astra Vectra 1.6 Diesel	Gayd	IN	12.00	8.00	50.00		4	
607 E02 0520	0642008				EX	12.00	8.00	50.00		4	
609 E01 0268	642 679	Opel	Vectra/Kadett/Astra Corsa 1.6 (C16LZ-E16NZ)	Supap	IN	38.00	7.00	101.10		45	4
609 E01 0269	642 854				EX	31.00	7.00	101.10		45	4
609 E02 0519	-	Opel	Vectra/Kadett/Astra Corsa 1.6 (C16LZ-E16NZ)	Gayd	IN	11.00	7.00	45.00		4	
609 E02 0519	-				EX	11.00	7.00	45.00		4	
611 E01 3349	641 072	Opel	Corsa/Comb CDTI 1.3 16V (Z13CDTI)	Supap	IN	22.00	6.00	109.20		45	8
611 E01 3350	641 071				EX	21.80	6.00	109.20		45	8
611 E02 3349	642 064	Opel	Corsa/Combo CDTI 1.3 16V (Z13CDTI)	Gayd	IN	10.00	6.00	43.00		8	
611 E02 3349	642 064				EX	10.00	6.00	43.00		8	
613 E01 1025	642 763	Opel	Corsa/Kadett/Ascona 1200-1300 (12ST)	Supap	IN	33.00	7.00	105.00		45	4
613 E01 1026	642 890				EX	29.00	7.00	105.00		45	4
613 E02 1113	-	Opel	Astra/Corsa/Vectra 7mm 1.3/1.4/1.6/1.8/2.0 8V	Gayd	IN	11.00	7.00	45.80		4	
613 E02 1113	-				EX	11.00	7.00	45.80		4	
614 E01 3597	641 076	Opel	Insignia 1.6 16V Turbo 180ps	Supap	IN	31.20	5.00	113.90		45	8
614 E01 3598	641 391				EX	27.50	5.00	113.25		45	8
614 E02 3523	642 014	Opel	Insignia 1.6 16V Turbo 180ps	Gayd	IN	10.00	5.00	37.00		8	
614 E02 3523	642 014				EX	10.00	5.00	37.00		8	
618 E01 1147	642 675	Opel	Kadet/Corsa 1.2 OHV	Supap	IN	32.00	7.00	98.90		45	4
618 E01 1148	642 837				EX	27.00	7.00	99.40		45	4





 FOR **OPEL**

OTOMOBİL





Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
619 E01 1216	641 025	Opel	Corsa/Astra/Combo 1.7 DTI 16V (Y17DT)	Supap	IN	27.50	6.00	98.40		45	8
619 E01 1217	641 369				EX	26.50	6.00	98.10		45	8
619 E02 3028	81-4216	Opel	Corsa/Astra/Combo 1.7 DTI 16V (Y17DT)	Gayd	IN	11.00	6.00	42.00		8	
619 E02 3028	81-4216				EX	11.00	6.00	42.00		8	
623 E01 1271	450 60 83	Opel	Movano 2.5 CDTI 16V (G9U)	Supap	IN	30.60	6.00	123.15		45	8
623 E01 1272	450 60 84				EX	29.45	6.00	123.00		45	8
623 E02 1271	-	Opel	Movano 2.5 CDTI 16V (G9U)	Gayd	IN	11.00	6.00	50.00		8	
623 E02 1271	-				EX	11.00	6.00	50.00		8	
625 E01 3384	641 048	Opel	Astra/Corsa/Zafira 1.8 16V (Z18XE)	Supap	IN	31.20	5.00	101.50		45	8
625 E01 3385	641 357				EX	27.50	5.00	100.80		45	8
625 E02 3038	9158589	Opel	Astra/Corsa/Zafira 1.8 16V (Z18XE)	Gayd	IN	10.00	5.00	39.00		8	
625 E02 3038	9158589				EX	10.00	5.00	39.00		8	
626 E01 3386	641 045	Opel	Corsa/Astra 1.2 16V (X12XE)	Supap	IN	28.00	5.00	93.80		45	8
626 E01 3387	641 364				EX	25.00	5.00	93.80		45	8
626 E02 3038	9158589	Opel	Corsa/Astra 1.2 16V (X12XE)	Gayd	IN	10.00	5.00	39.00		8	
626 E02 3038	9158589				EX	10.00	5.00	39.00		8	
627 E01 3388	642 011	Opel	Astra H Twinport 1.6 16V (Z16EP)	Supap	IN	31.20	5.00	117.20		45	8
627 E01 3389	641 379				EX	27.35	5.00	116.20		45	8
627 E02 3062	-	Opel	Astra H Twinport 1.6 16V (Z16EP)	Gayd	IN	10.00	5.00	50.00		8	
627 E02 3062	-				EX	10.00	5.00	50.00		8	
628 E01 3390	642 168	Opel	Vectra 2.0 Diesel 16V (X20DTH)	Supap	IN	29.00	6.00	97.00		45	8
628 E01 3391	642 211				EX	26.00	6.00	97.00		45	8
628 E02 0516	4500633	Opel	Vectra 2.0 Diesel 16V (X20DTH)	Gayd	IN	10.00	6.00	45.00		8	
628 E02 0516	4500633				EX	10.00	6.00	45.00		8	
629 E01 3396	641 063	Opel	Vectra 2.2 16V Benzinli (Z20NET)	Supap	IN	35.20	6.00	102.50		45	8
629 E01 3397	641 376				EX	30.20	6.00	101.20		45	8
629 E02 3064	9006082	Opel	Vectra 2.2 16V Benzinli (Z20NET)	Gayd	IN	10.00	6.00	36.00		8	
629 E02 3064	9006082				EX	10.00	6.00	36.00		8	
630 E01 3386	641 045	Opel	Corsa/Astra 1.0 12V (X10XE)	Supap	IN	28.00	5.00	93.80		45	6
630 E01 3387	641 364				EX	25.00	5.00	93.80		45	6
630 E02 3038	9158589	Opel	Corsa/Astra 1.0 12V (X10XE)	Gayd	IN	10.00	5.00	39.00		6	
630 E02 3038	9158589				EX	10.00	5.00	39.00		6	
631 E01 3455	641 074	Opel	1.9 CTDI 16V (Z19DTH)	Supap	IN	27.85	6.00	114.40		45	8
631 E01 3456	641 386				EX	25.85	6.00	114.30		45	8
632 E01 1047	44 02 633	Opel	Movano/Vivaro 1.9 DTI (F9Q)	Supap	IN	35.30	7.00	110.90		45	4
632 E01 1048	44 02 634				EX	32.60	7.00	110.70		45	4
632 E02 1120	77 00 859 086	Opel	Movano/Vivaro 1.9 DTI (F9Q)	Gayd	IN	12.00	7.00	38.30		4	
632 E02 1120	77 00 859 086				EX	12.00	7.00	38.30		4	




**FOR SEAT**
**OTOMOBİL**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
755 E01 1120	3940 2930	Seat	Ibiza 1.5 GLX	Supap	IN	34.00	7.00	103.00		45	4
755 E01 1121	3940 2840				EX	30.00	7.00	103.00		45	4
755 E02 3509	SE021.012306A	Seat	Ibiza 1.5 GLX	Gayd	IN	13.50	7.00	41.50		4	4
755 E02 3509	SE021.012306A				EX	13.50	7.00	41.50			

**FOR SKODA**
**OTOMOBİL**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
763 E01 0308	441 0 1209 346 6	Skoda	Forman/Favorit 136L	Supap	IN	34.00	8.00	101.40		45	4
763 E01 0309	441 0 1209 347 6				EX	30.00	8.00	101.40			
763 E02 0609	047109608	Skoda	Forman/Favorit 136L	Gayd	IN	12.00	8.00	40.80		4	4
763 E02 0609	047109608				EX	12.00	8.00	40.80			
764 E01 3202	047 198 601D	Skoda	Felicia 1.3 Fabia 1.4 (AME-AQV)	Supap	IN	34.00	7.00	101.40		45	4
764 E01 3203	047 198 611D				EX	30.00	7.00	101.40			
764 E02 0610	-	Skoda	Felicia 1.3 Fabia 1.4 (AME-AQV)	Gayd	IN	12.00	7.00	40.50		4	4
764 E02 0610	-				EX	12.00	7.00	40.50			

**FOR LADA**
**OTOMOBİL**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
376 E01 0236	2108 1007010	Lada	Samara 1.5 (VAZ 2108.3)	Supap	IN	37.00	8.00	104.00		45	4
376 E01 0237	2108 1007012				EX	31.40	8.00	104.00			
376 E02 0575	2108 1007 032	Lada	Samara 1.1/1.3/1.5 (VAZ 2108.3)	Gayd	IN	14.00	8.00	38.00		4	4
376 E02 0576	2108 1007 033				EX	14.00	8.00	38.00			
377 E01 0238	2101 1007 010	Lada	Niva/Vaz 1.2/1.6 (VAZ 2101)	Supap	IN	37.00	8.00	112.50		45	4
377 E01 0239	2101 1007 012				EX	31.50	8.00	113.00			
377 E02 0577	2101 1007 032	Lada	Niva/Vaz 1.2/1.6 (VAZ 2101)	Gayd	IN	14.00	8.00	42.00		4	4
377 E02 0578	2101 1007 033				EX	14.00	8.00	48.00			
380 E01 3498	2112 1007 010	Lada	Vega 1.5 16V	Supap	IN	29.00	7.00	96.50		45	8
380 E01 3499	2112 1007 012				EX	25.50	7.00	97.40			
380 E02 0610	-	Lada	Vega 16V Pik	Gayd	IN	12.00	7.00	40.00		8	8
380 E02 0610	-				EX	12.00	7.00	40.00			
380 E02 3387	-	Lada	Vega 16V Bronz	Gayd	IN	12.00	7.00	40.00		8	8
380 E02 3387	-				EX	12.00	7.00	40.00			


 FOR **VOLKSWAGEN**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
005 E01 0103	069 109 601C	Volkswagen	LT 28D/31D 35D/40D 5 Silindirli Diesel	Supap	IN	36.00	8.00	105.00		45	4
005 E01 0373	068 109 611C				EX	31.20	8.00	104.60		45	4
824 E01 0487	030 109 601AA	Volkswagen	Polo 55 1300cc (ADX)	Supap	IN	32.10	7.00	94.60		45	4
824 E01 0837	032 109 611G				EX	29.00	7.00	95.00		45	4
825 E01 0872	036 109 601S	Volkswagen	Polo 1.4/1.6 16V 2000 Son.(BCB-AHW-AKQ)	Supap	IN	29.50	6.00	100.85		45	8
825 E01 0873	036 109 611K				EX	26.00	6.00	100.60		45	8
825 E02 3552	-	Volkswagen	Polo 1.4/1.6 16V 2000 Son.(BCB-AHW-AKQ)	Gayd	IN	11.00	6.00	36.00		8	
825 E02 3552	-				EX	11.00	6.00	36.00		8	
826 E01 0811	06B 109 601D	Volkswagen	Passat 1.6 8V 2000-2004 Model (ALZ-BFQ)	Supap	IN	39.50	6.00	94.00		45	4
826 E01 0812	06B 109 611C				EX	32.90	6.00	93.90		45	4
826 E02 3072	-	Volkswagen	Passat 1.6 8V 2000-2004 Model (ALZ-BFQ)	Gayd	IN	12.00	6.00	36.50		4	
826 E02 3072	-				EX	12.00	6.00	36.50		4	
827 E01 1100	038 109 601B	Volkswagen	Passat 1.9 TDI (Y.M.) 130 Ps (AXC-AXB)	Supap	IN	36.00	7.00	90.00		45	4
827 E01 3622	038 109 611B				EX	31.50	7.00	90.00		45	4
827 E02 3052	-	Volkswagen	Passat 1.9 TDI (Y.M.) 7mm Düz (BJB-AXC-AXB)	Gayd	IN	12.00	7.00	31.20		4	
827 E02 3052	-				EX	12.00	7.00	31.20		4	
828 E01 3608	06D 109 601K	Volkswagen	Passat/Golf 2.0 FSI 16V 150 PS (AXW-BVX)	Supap	IN	33.80	6.00	104.05		45	8
828 E01 3609	06D 109 611K				EX	28.00	6.00	102.05		45	8
829 E01 3610	036 109 601AK	Volkswagen	Passat/Jetta 1.4 TSI 16V 170 PS (CAVB)	Supap	IN	29.50	6.00	100.85		45	8
829 E01 0873	036 109 611K				EX	26.00	6.00	100.60		45	8
829 E02 3555	06B 103 419A	Volkswagen	Passat/Jetta 1.4 TSI 16V 170 PS (CAVB)	Gayd	IN	11.00	6.00	39.00		8	
829 E02 3555	06B 103 419A				EX	11.00	6.00	39.00		8	
830 E01 3623	038 109 601E	Volkswagen	Caddy 1.9 TDI/2.0 SDI (Y.M.) 105 Ps (BJB)	Supap	IN	36.00	7.00	89.50		45	4
830 E01 3624	038 109 611E				EX	31.50	7.00	89.00		45	4
831 E01 0327	069 109 601F	Volkswagen	Transporter 2.4D Std./0.5k (ACT)	Supap	IN	36.00	8.00	95.50		45	5
831 E01 0329	074 109 611				EX	31.00	8.00	95.60		45	5
832 E01 0330	046 109 601J	Volkswagen	Transporter 2.5 TDI Std./0.5k (AHD-BBE)	Supap	IN	36.00	8.00	96.90		45	5
832 E01 0369	046 109 611F				EX	31.50	8.00	96.90		45	5
832 E02 0599	056 103 419A	Volkswagen	Transporter 2.4D/2.5 TDI 8mm (ACT)	Gayd	IN	12.00	8.00	36.50		5	
832 E02 0599	056 103 419A				EX	12.00	8.00	36.50		5	
833 E01 0331	028 109 601D	Volkswagen	Passat/Caddy 1.9 TDI 7mm Uzun Tip Std./0.5k (AGR)	Supap	IN	36.00	7.00	96.85		45	4
833 E01 0332	028 109 611G				EX	31.50	7.00	96.90		45	4
833 E02 0600	037 103 419B	Volkswagen	Passat/Caddy 1.9 TDI 7mm (AHF-AGR)	Gayd	IN	12.00	7.00	36.50		4	
833 E02 0600	037 103 419B				EX	12.00	7.00	36.50		4	
834 E01 3749	03L 109 601	Volkswagen	T6 2.0 16V 102Hp (CAAA Motor)	Supap	IN	28.10	6.00	99.30		45	8
834 E01 3750	03L 109 611				EX	26.00	6.00	99.10		45	8
835 E01 4007	-	Volkswagen	Golf/Passat/Tiguan 1.4 TSI 16V (Y.M.)	Supap	IN	28.50	5.00	110.30		45	8
835 E01 4008	-				EX	25.00	5.00	110.15		30	8
837 E01 0792	035 109 601H	Volkswagen	Golf/Jetta/Passat/Scirocco CI-GLI 1.8 (DS-DT)	Supap	IN	38.20	8.00	91.00		45	4
837 E01 0793	026 109 611A				EX	33.25	8.00	91.20		45	4
843 E01 0825	035 109 601C	Volkswagen	Golf/Passat/Variant CL5/GL5 1.6/1.8/2.0 (EW-EZA)	Supap	IN	38.00	8.00	98.80		45	4
843 E01 0824	035 109 611F				EX	33.15	8.00	98.50		45	4
845 E01 0826	048 109 601A	Volkswagen	Golf/Synchro/Corrado GTI G60 1781cc (KT)	Supap	IN	39.50	8.00	91.90		45	4
845 E01 0793	026 109 611A				EX	33.20	8.00	91.20		45	4
847 E01 0829	030 109 601C	Volkswagen	Golf/Polo/Jetta 1.3 (Y.M.) (2G-AAK)	Supap	IN	36.00	8.00	98.70		45	4
847 E01 0830	030 109 611A				EX	28.90	8.00	99.10		45	4


**FOR VOLKSWAGEN**
**OTOMOBİL**


Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
851 E01 0832	027 109 601C	Volkswagen	Passat/Jetta Golf GT 16V (KL-PR)	Supap	İN	32.00	7.00	95.50		45	8
851 E01 0833	027 109 611D				EX	28.00	7.00	98.20		45	8
852 E01 0834	027 109 601C	Volkswagen	Polo 45/Golf Variant 1.0/1.4	Supap	İN	34.00	7.00	99.00		45	4
852 E01 0835	030 109 611D				EX	29.00	7.00	99.00		45	4
853 E01 0836	032 109 601G	Volkswagen	Polo CL75/Golf 1300/1600 (ABU-AEE)	Supap	İN	34.60	7.00	94.80		45	4
853 E01 0837	032 109 611G				EX	29.00	7.00	95.00		45	4
854 E01 0838	030 109 601AH	Volkswagen	Polo 1.4/Toledo 1.6 (AKV-AEX)	Supap	İN	35.60	7.00	94.75		45	4
854 E01 0837	032 109 611G				EX	29.00	7.00	95.00		45	4
854 E02 0462	032 103 419A	Volkswagen	Polo 1.4/Toledo 1.6 (AKV-AEX)	Gayd	İN	11.00	7.00	33.00			4
854 E02 0462	032 103 419A				EX	11.00	7.00	33.00		4	
855 E01 0807	078 109 601B	Volkswagen	Golf IV/Passat/Polo Classic 1.6/2.0 (AEC-AKL)	Supap	İN	39.50	7.00	91.85		45	4
855 E01 0839	048 109 611B				EX	32.90	7.00	91.15		45	4
859 E01 0846	048 109 601E	Volkswagen	Vento/Cabriolet 1.8	Supap	İN	38.00	7.00	91.80		45	4
859 E01 0839	048 109 611B				EX	32.90	7.00	91.20		45	4
860 E01 0805	028 109 601B	Volkswagen	Passat/Golf 1.9D Kısa Tip 7mm Std./0.5k (AEF-AAZ)	Supap	İN	36.00	7.00	95.55		45	4
860 E01 0806	028 109 611E				EX	31.20	7.00	95.55		45	4
861 E01 0848	051 109 601B	Volkswagen	Golf/Vento/Passat GTI 16V 1900cc (ABF-ACE)	Supap	İN	32.00	7.00	95.80		45	8
861 E01 0849	051 109 611B				EX	27.00	7.00	97.90		45	8
862 E01 3340	021 109 601H	Volkswagen	Passat 2.3 VR5 (AGZ-ABV)	Supap	İN	39.00	7.00	105.90		45	5
862 E01 3341	021 109 611D				EX	34.20	7.00	107.00		45	5
863 E01 3951	04E109601A	Volkswagen	Golf 7 1.2 16V TSI 2012 Sonrası	Supap	İN	26.50	5.00	110.25		45	8
863 E01 3952	04E109611K				EX	23.50	5.00	110.10		30	8
864 E01 1087	036 109 601AD	Volkswagen	Polo 1.4/1.6 16V 98 Sonrası (AHW)	Supap	İN	29.50	6.00	100.85		45	8
864 E01 1088	036 109 611K				EX	26.00	6.00	100.60		45	8
864 E02 0487	058 103 415	Volkswagen	Polo 1.4/1.6 16V Düz 98 Sonrası (AHW)	Gayd	İN	11.00	6.00	36.00			8
864 E02 0487	058 103 415				EX	11.00	6.00	36.00		8	
867 E01 1100	038 109 601B	Volkswagen	Polo 1.4 TDI Std./0.5k (AMF-AUY-AJM)	Supap	İN	36.00	7.00	89.90		45	4
867 E01 1101	038 109 611B				EX	31.50	7.00	90.00		45	4
867 E02 3052	-	Volkswagen	Polo 1.4 TDI 7mm Düz (AMF-AUY-AJM)	Supap	İN	12.00	7.00	31.50		45	4
867 E02 3052	-				EX	12.00	7.00	31.50		45	4
869 E01 1100	038 109 601B	Volkswagen	T5 2500cc TDI (Y.M.) Std./0.5k (AXC-AXB)	Gayd	İN	36.00	7.00	90.00			5
869 E01 0831	038 109 611B				EX	31.50	7.00	89.50		5	
869 E02 3052	-	Volkswagen	T5 2.5 TD (Y.M.) 7mm Düz (BJB-AXC-AXB)	Supap	İN	12.00	7.00	31.50		45	5
869 E02 3052	-				EX	12.00	7.00	31.50		45	5
870 E01 3355	035 109 601 J	Volkswagen	Passat CL/GL 1800 (WV-DS)	Gayd	İN	38.00	8.00	91.90			4
870 E01 3356	053 109 611				EX	33.20	8.00	91.20		4	
871 E01 0809	-	Volkswagen	LT46 3.8 12V Volt Çift Teker	Supap	İN	33.00	7.00	105.10		45	8
871 E01 0810	-				EX	40.00	7.00	105.10		45	4
872 E01 3407	059 109 601B	Volkswagen	A6 2.5 TDI V6 24V (AFB.AKN)	Supap	İN	27.10	6.00	100.30		45	12
872 E01 3408	059 109 611B				EX	24.00	6.00	100.30		45	12


**FOR VOLKSWAGEN**
**OTOMOBİL**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
873 E01 3445	03G 109 601A	Volkswagen	Jetta/Golf 5/Passat/A32.0 TDI 16V 170 PS (BMN)	Supap	IN	29.40	6.00	88.55		45	8
873 E01 3446	03G 109 611B				EX	25.45	6.00	88.15		45	8
874 E01 3461	03G 109 601B	Volkswagen	Passat 2.0 16V TDI 140 PS (BKP-AZV)	Supap	IN	29.20	6.00	87.80		45	8
874 E01 3462	03G 109 611D				EX	25.20	6.00	87.50		45	8
874 E02 0487	-	Volkswagen	Passat 2.0 16V TDI 140Hp (BKD-AZV)	Gayd	IN	10.00	6.00	42.00			8
874 E02 0487	-				EX	10.00	6.00	42.00		8	
875 E01 3467	030 109 601J	Volkswagen	Vento 1.4	Supap	IN	35.90	7.00	99.00		45	4
875 E01 3468	030 109 611D				EX	28.90	7.00	99.00		45	4
876 E01 3649	03L 109 601A	Volkswagen	Polo 1.2 TDI 12V 75 Ps (Y.M.) (CFWA)	Supap	IN	26.60	6.00	99.30		45	6
876 E01 3650	03L 109 611A				EX	24.50	6.00	99.10		45	6
877 E01 4031	-	Volkswagen	Polo 1.2 TSI 3 Silindir 12V (Benzinli) (Y.M.)	Supap	IN	29.50	5.00	110.25		45	6
877 E01 4032	-				EX	27.00	5.00	110.10		30	6
878 E01 3649	03L109601A	Volkswagen	Passat/Caddy 1.6 16V Diesel (Y.M.)	Supap	IN	26.60	6.00	99.30		45	8
878 E01 3650	03L109611A				EX	24.50	6.00	99.10		45	8
878 E02 3568	-	Volkswagen	Passat/Caddy 1.6 16V Diesel (Y.M.)	Gayd	IN	10.00	6.00	36.00			8
878 E02 3568	-				EX	10.00	6.00	36.00		8	


 FOR **BMW**







OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
033 E01 3986	11347534508	BMW	N12 B16A/N14 B16C / Mini Cooper 1.6 16V	Supap	İN	29.00	5.00	105.80		45	8
033 E01 3987	11347547187				EX	26.00	5.00	110.20		45	8
036 E01 0098	1134 1 251 879	BMW	315/316 (M10)	Supap	İN	42.00	8.00	103.80		45	4
036 E01 0099	1134 1 251 498				EX	35.00	8.00	104.30		45	4
036 E02 0595	1112 1 263 642	BMW	315/316 STD/1/2/3 Farklı (M10)	Gayd	İN	14.00	8.00	50.00			4
036 E02 0595	1112 1 263 642				EX	14.00	8.00	50.00			4
037 E01 0101	1134 1 727 358	BMW	316i/318i E30 ( M40 )	Supap	İN	42.00	7.00	102.10		45	4
037 E01 0102	1134 1 727 352				EX	36.00	7.00	101.10		45	4
037 E02 0769	1112 1 715 373	BMW	316i/318i STD/1/2/3 Farklı (M40)	Gayd	İN	12.50	7.00	43.50			4
037 E02 0769	1112 1 715 373				EX	12.50	7.00	43.50			4
038 E01 0104	1134 1 267 721	BMW	320i/323i 12V (E.M.) (M20)	Supap	İN	40.00	7.00	102.50		45	6
038 E01 0105	1134 1 267 722				EX	34.00	7.00	102.50		45	6
038 E02 0596	1112 1 280 523	BMW	320i/323i 12V (E.M.) (M20)	Gayd	İN	13.00	7.00	45.00			6
038 E02 0596	1112 1 280 523				EX	13.00	7.00	45.00			6
039 E01 0107	1134 1 722 910	BMW	320i/520i 24V (E.M.) 7mm (M50)	Supap	İN	30.00	7.00	107.70		45	12
039 E01 0108	1134 1 722 911				EX	27.00	7.00	106.80		45	12
039 E02 0769	1112 1 715 373	BMW	320i/520i 24V (E.M.) 7mm (M50)	Gayd	İN	12.50	7.00	43.50			12
039 E02 0769	1112 1 715 373				EX	12.50	7.00	43.50			12
040 E01 0110	1134 1 738 220	BMW	320i/520i 24V (Y.M.) Vanoslu - 6mm (M50)	Supap	İN	30.00	6.00	107.00		45	12
040 E01 0111	1134 1 738 221				EX	27.00	6.00	106.10		45	12
040 E02 0892	1112 1 735 534	BMW	320i/520i 24V (Y.M.) Vanoslu 6mm Std./1 Farklı (M50)	Gayd	İN	12.50	6.00	43.50			12
040 E02 0892	1112 1 735 534				EX	12.50	6.00	43.50			12
041 E01 0100	1134 1 722 908	BMW	325i/525i 24V (164E1)	Supap	İN	33.00	7.00	106.70		45	12
041 E01 0106	1134 1 726 903				EX	30.50	7.00	106.30		45	12
041 E02 0769	1112 1 715 373	BMW	325i/525i 24V (164E1)	Gayd	İN	12.50	7.00	43.50			12
041 E02 0769	1112 1 715 373				EX	12.50	7.00	43.50			12
044 E01 0854	1134 1 739 822	BMW	323i/328i/728i 24V 6mm (M52)	Supap	İN	33.00	6.00	106.10		45	12
044 E01 0855	1134 1 739 823				EX	30.50	6.00	105.70		45	12
044 E02 0892	1112 1 735 534	BMW	323i/328i/728i 24V 6mm (M52)	Gayd	İN	12.50	6.00	43.50			12
044 E02 0892	1112 1 735 534				EX	12.50	6.00	43.50			12
045 E01 0856	1134 2 242 624	BMW	324/524 Diesel (M21)	Supap	İN	35.00	7.00	114.30		45	6
045 E01 0857	1134 2 242 623				EX	31.00	7.00	114.10		45	6
045 E02 0596	1112 1 280 523	BMW	324/524 Diesel (M21)	Gayd	İN	13.00	7.00	45.00			6
045 E02 0596	1112 1 280 523				EX	13.00	7.00	45.00			6
046 E01 0858	1134 2 243 328	BMW	325/525 TD Turbo (M51)	Supap	İN	36.00	7.00	103.70		45	6
046 E01 0859	1134 2 244 282				EX	31.00	7.00	103.50		45	6
046 E02 3043	1112 1 280 523	BMW	325/525 TD Turbo (M51)	Gayd	İN	13.00	7.00	45.00			6
046 E02 3044	1112 1 280 523				EX	13.00	7.00	52.00			6
048 E01 0862	1134 2 246 524	BMW	525/725 TDS Turbo (M51 D25)	Supap	İN	36.00	6.00	103.50		45	6
048 E01 0863	1134 2 246 525				EX	31.00	6.00	103.50		45	6
048 E02 3366	1112 2 244 464	BMW	525/725 TDS Turbo (M51 D25)	Gayd	İN	12.50	6.00	39.50			6
048 E02 3366	1112 2 244 464				EX	12.50	6.00	39.50			6
049 E01 0864	1134 1 720 827	BMW	525i/325i 2494cc (M20)	Supap	İN	42.00	7.00	102.50		45	6
049 E01 0865	1134 1 720 828				EX	36.00	7.00	102.50		45	6
049 E02 0596	1112 1 280 523	BMW	525i/325i 2494cc (M20)	Gayd	İN	13.00	7.00	45.00			6
049 E02 0596	1112 1 280 523				EX	13.00	7.00	45.00			6


**FOR BMW**






























Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
050 E01 0852	1134 2 244 814	BMW	318/325/525 TDS 1665cc (M41)	Supap	IN	36.00	6.00	103.70		45	4
050 E01 0853	1134 2 244 815				EX	31.00	6.00	103.50		45	4
050 E02 0914	1112 2 244 464	BMW	318/325/525 TDS 1665cc (M41)	Gayd	IN	12.50	6.00	39.50			4
050 E02 0914	1112 2 244 464				EX	12.50	6.00	39.50		4	
051 E01 0866	1134 1 404 588	BMW	M3 Coupe/Cabriolet Limousine/Roadstra 24V	Supap	IN	35.00	6.00	119.80		45	12
051 E01 0867	1134 1 404 589				EX	30.50	6.00	121.30		45	12
035 E01 4010	1134 779 96 12	BMW	320 TDS 16V (M 47 D 20) 530 TDS 24V (M 57 D 30)	Supap	IN	27.40	6.00	99.85		45	8
035 E01 0109	1134 2 247 077				EX	26.00	6.00	100.00		45	8
052 E01 0109	1134 2 247 077	BMW	320 TDS 16V (M 47 D 20) 530 TDS 24V (M 57 D 30)	Supap	IN	26.00	6.00	100.00		45	8
052 E01 0109	1134 2 247 077				EX	26.00	6.00	100.00		45	8
052 E02 3040	-	BMW	320 TDS 16V (M 47 D 20) 530 TDS 24V (M 57 D 30)	Gayd	IN	11.50	6.00	39.00			8
052 E02 3040	-				EX	11.50	6.00	39.00		8	
053 E01 4078	-	BMW	F30 N13/B16A/N18/B16 3.16i/3.20i 16V	Supap	IN	29.70	5.00	95.10		45	8
053 E01 3987	-				EX	26.20	5.00	110.10		45	8
054 E01 3486	1134 1 739 114	BMW	316/318 (M43)	Supap	IN	42.00	7.00	104.00		45	4
054 E01 3487	1134 1 739 665				EX	36.00	7.00	103.00		45	4
055 E01 3565	1112 7 797 711	BMW	320 D 2.0 16V N47 2007 Sonrası	Supap	IN	27.20	5.00	94.00		45	8
055 E01 3566	1134 7 797 712				EX	24.55	5.00	94.00		45	8
055 E02 3514	-	BMW	320 D 2.0 16V N47 2007 Sonrası	Gayd	IN	10.00	5.00	35.50			8
055 E02 3514	-				EX	10.00	5.00	35.50		8	
056 E01 3604	1134 1 435 461	BMW	1.16i/3.16i N40-N45 16V	Supap	IN	35.00	6.00	100.00		45	8
056 E01 3605	1134 4 457 287				EX	29.00	6.00	100.00		45	8
056 E02 3502	-	BMW	1.16i/3.16i/3.18i N40-N42-N45 16V	Gayd	IN	10.00	6.00	39.00			8
056 E02 3502	-				EX	10.00	6.00	39.00		8	

**FOR ALFA ROMEO**
**OTOMOBİL**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
000 E01 2037	608 11 153	Alfa Romeo	156/Gtv/Spider T.S. 2.0 16V (AR 32101)	Supap	IN	33.55	7.00	113.00		45	8
000 E01 2038	608 11 154				EX	28.00	7.00	108.50		45	8
000 E02 3358	608 11 086	Alfa Romeo	156/Gtv/Spider T.S. 2.0 16V (AR 32101)	Gayd	IN	13.00	7.00	42.50			8
000 E02 3663	608 11 089				EX	13.00	7.00	46.00		8	
000 E01 2039	608 12 982	Alfa Romeo	145/146 1.4 T.S. 16V (AR 33503)	Supap	IN	30.00	7.00	113.00		45	8
000 E01 2040	608 12 981				EX	26.00	7.00	108.40		45	8
000 E01 2041	605 40 326	Alfa Romeo	145/146 1.6 8V (AR 30734-AR 30738)	Supap	IN	40.00	8.00	92.00		45	4
000 E01 2042	605 40 325				EX	33.10	8.00	92.10		45	4
000 E01 2043	605 25 336	Alfa Romeo	145/146 1.7i 16V (AR 30746)	Supap	IN	32.00	7.00	99.00		45	8
000 E01 2044	605 25 337				EX	26.00	7.00	101.20		45	8


 FOR **MERCEDES**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
429 E01 3854	651 053 01 01	Mercedes	Sprinter OM651 Euro 5 16V	Supap	IN	28.50	6.00	108.80		45	8
429 E01 3855	651 050 01 27				EX	24.60	6.00	109.20		45	8
442 E01 0084	102 053 17 01	Mercedes	230/230E 2299cc (OM102)	Supap	IN	46.00	8.00	114.90		45	4
442 E01 0086	102 050 03 27				EX	39.00	9.00	115.80		45	4
442 E02 0442	102 050 17 24	Mercedes	230/230E M102 (OM102)	Gayd	IN	14.00	8.00	46.00			4
442 E02 0443	102 050 18 24				EX	14.00	9.00	46.00			4
443 E01 0087	103 053 20 01	Mercedes	300/300E/300SL (M103)	Supap	IN	43.00	8.00	110.30		45	6
443 E01 0089	103 050 17 27				EX	39.00	9.00	110.90		45	6
444 E01 0090	615 053 05 01	Mercedes	200 Diesel (M615)	Supap	IN	38.80	10.00	131.50		30	4
444 E01 0091	615 053 07 05				EX	33.20	10.00	131.00		30	4
445 E01 0092	616 053 03 01	Mercedes	240 Diesel Std./0.5k (M616)	Supap	IN	39.80	10.00	131.50		30	4
445 E01 0093	616 053 05 27				EX	34.20	10.00	131.00		30	4
445 E02 0446	616 053 03 29	Mercedes	240 Diesel (M616)	Gayd	IN	14.00	10.00	60.00			4
445 E02 0447	616 053 03 30				EX	14.00	10.00	48.50			4
446 E01 3159	606 053 07 01	Mercedes	24V 3 Tırmak (OM606)	Supap	IN	29.00	6.00	105.60		45	12
446 E01 3160	606 053 03 05				EX	26.00	6.00	105.60		45	12
447 E01 0096	102 053 18 01	Mercedes	190/200/200E (M102)	Supap	IN	43.00	8.00	115.00		45	4
447 E01 0086	102 050 03 27				EX	39.00	9.00	115.75		45	4
447 E02 0442	102 050 17 24	Mercedes	190/200/200E (M102)	Gayd	IN	14.00	8.00	46.00			4
447 E02 0443	102 050 18 24				EX	14.00	9.00	51.00			4
451 E01 3161	606 053 11 01	Mercedes	605/606/910/911 912 C250 E250D (M604)	Supap	IN	28.94	6.00	105.40		45	8
451 E01 3162	606 053 07 05				EX	26.00	6.00	105.70		45	8
451 E02 3524	606 053 12 29	Mercedes	605/606/910/911 912 C250 E250D (M604)	Gayd	IN	12.50	6.00	37.50			8
451 E02 3524	606 053 12 29				EX	12.50	6.00	37.50			8
452 E01 0250	103 053 23 01	Mercedes	190E/260E 2.6	Supap	IN	40.00	8.00	110.30		45	6
452 E01 0251	103 050 13 27				EX	35.00	9.00	110.90		45	6
453 E01 3476	111 053 11 04	Mercedes	SL600/S600 M120 16V	Supap	IN	35.00	7.00	101.50		45	8
453 E01 3477	111 050 12 27				EX	31.00	7.00	103.50		45	8
454 E01 0094	601 053 17 01	Mercedes	190/200/250/300 Diesel Std./0.5k (M601)	Supap	IN	38.00	8.00	106.40		45	4
454 E01 0095	601 053 21 27				EX	35.00	9.00	106.50		45	4
454 E02 0448	601 050 06 24	Mercedes	190/200/250/300 Diesel OM601-602-603 (M601)	Gayd	IN	14.00	8.00	38.50			4
454 E02 0449	601 050 09 24				EX	14.00	9.00	37.30			4
455 E01 3482	111 053 03 01	Mercedes	C180 16V (OM111)	Supap	IN	33.00	7.00	101.50		45	8
455 E01 3483	111 050 06 27				EX	29.00	7.00	103.50		45	8
455 E02 3385	111 053 10 29	Mercedes	C180 16V (OM111)	Gayd	IN	12.50	7.00	37.50			8
455 E02 3385	111 053 10 29				EX	12.50	7.00	37.50			8
457 E01 3602	271 053 00 01	Mercedes	OM271 200 Kompresör	Supap	IN	30.45	7.00	105.25		45	8
457 E01 3603	271 050 04 27				EX	27.20	7.00	109.50		45	8
459 E01 0984	611 053 01 01	Mercedes	OM611 CDI Vito Sprinter 16V	Supap	IN	30.20	7.00	104.00		45	8
459 E01 0985	611 050 01 27				EX	28.40	7.00	104.40		45	8
459 E02 0984	611 053 03 29	Mercedes	OM611 CDI Vito Sprinter 16V (M611)	Gayd	IN	12.50	7.00	37.50			8
459 E02 0985	611 053 03 29				EX	12.50	7.00	37.50			8
463 E01 3631	646 053 00 01	Mercedes	OM646 CDI/C220 Vito Sprinter 16V 315	Supap	IN	28.70	7.00	104.00		45	8
463 E01 3632	628 053 00 05				EX	26.20	7.00	104.50		45	8


 FOR **RENAULT**














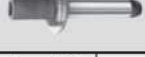




























OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
701 E01 0288	7701 458 180	Renault	12 1300cc Std./0.5k (813 852)	Supap	İN	33.40	7.00	89.80		45	4
701 E01 0289	7701 458 190				EX	30.20	7.00	89.00		45	4
702 E01 0290	7701 462 137	Renault	12 1400cc Std./0.5k (C1G R 19)	Supap	İN	34.10	7.00	91.40		45	4
702 E01 0291	7701 460 690				EX	29.00	7.00	88.90		45	4
702 E02 0540	0710 939 000	Renault	12 1400cc (C1G R 19)	Gayd	İN	11.00	7.00	41.50			4
702 E02 0540	0710 939 000				EX	11.00	7.00	41.50			4
703 E01 0292	7701 462 385	Renault	9/19 1400cc Broadway Std./0.5k (C3J-E760)	Supap	İN	34.10	7.00	90.70		45	4
703 E01 0293	7701 463 181				EX	29.00	7.00	88.90		45	4
703 E02 0540	0710 939 000	Renault	9/19 1400cc Broadway (C3J-E760)	Gayd	İN	11.00	7.00	36.50			4
703 E02 0540	0710 939 000				EX	11.00	7.00	36.50			4
704 E01 0294	7701 462 813	Renault	9 Diesel 1600cc (F8M R 5)	Supap	İN	36.10	8.00	111.60		30	4
704 E01 1042	7701 462 814				EX	31.50	8.00	111.30		45	4
704 E02 0541	7701 452 333	Renault	9 Diesel 1600cc Bronz (F8M R 5)	Gayd	İN	13.00	8.00	39.00			4
704 E02 0541	0710 942 500				EX	13.00	8.00	39.00			4
705 E01 0296	7701 465 088	Renault	9-19 Clio/Megane 1.4/1.6 Enerji Motor (K7M-K4J)	Supap	İN	37.55	7.00	107.80		30	4
705 E01 0297	7701 465 090				EX	33.60	7.00	107.80		45	4
705 E02 0432	81-5133	Renault	9-19 Clio/Megane 1.4/1.6 Enerji Motor (K7M-K4J)	Gayd	İN	12.00	7.00	42.00			4
705 E02 0433	81-5134				EX	12.00	7.00	49.00			4
706 E01 0298	7701 463 081	Renault	11 Flash 1700 21 Manager (F2N-B712)	Supap	İN	38.40	8.00	111.50		30	4
706 E01 0299	7701 463 082				EX	32.75	8.00	111.30		45	4
706 E02 0541	7701 452 333	Renault	11 Flash 1700 21 Manager Bronz (F2N-B712)	Gayd	İN	13.00	8.00	39.00			4
706 E02 0541	0710 942 500				EX	13.00	8.00	39.00			4
707 E01 3194	7701 468 169	Renault	Safrane/Laguna 2200 TD 12V	Supap	İN	32.00	7.00	117.60		45	8
707 E01 3195	7700 859 517				EX	31.10	7.00	117.60		45	4
708 E01 1041	7701 468 035	Renault	Kango/Clio/Megane/Expres 1900 (E.M.) (F8Q-A706)	Supap	İN	35.20	8.00	111.60		45	4
708 E01 1042	7701 462 814				EX	31.50	8.00	111.30		45	4
708 E02 0541	7701 452 333	Renault	Kango/Clio/Megane/Expres 1900 (E.M.) (F8Q-A706)	Gayd	İN	13.00	8.00	39.00			4
708 E02 0541	0710 942 500				EX	13.00	8.00	39.00			4
709 E01 1043	7700 107 602	Renault	Clio/Megane 1.4/1.6 16V (K4M)	Supap	İN	32.70	5.50	109.30		45	8
709 E01 1044	8200 054 762				EX	28.00	5.50	107.70		45	8
709 E02 0548	7700 109 151	Renault	Clio/Megane 1.4/1.6 16V (K4M)	Gayd	İN	11.00	5.50	40.60			8
709 E02 0548	7700 109 151				EX	11.00	5.50	40.60			8
710 E01 1045	7700 112 413	Renault	Laguna 1.8 Uzun Tip (F3R)	Supap	İN	40.20	8.00	115.70		45	4
710 E01 1046	7701 458 195				EX	32.70	8.00	115.50		45	4
710 E02 1091	7700 107 699	Renault	Laguna 1.8 Uzun Tip Bronz (F3R)	Gayd	İN	13.00	8.00	37.70			4
710 E02 1091	7700 107 699				EX	13.00	8.00	37.70			4
711 E01 1047	7700 110 387	Renault	Megane/Kango 1.9 TDI 7mm (F9Q)	Supap	İN	35.50	7.00	110.90		45	4
711 E01 1048	7700 110 389				EX	32.60	7.00	110.70		45	4
711 E02 1120	7700 859 086	Renault	Megane/Kango 1.9 TDI 7mm (F9Q)	Gayd	İN	12.00	7.00	38.30			4
711 E02 1120	7700 859 086				EX	12.00	7.00	38.30			4
712 E01 1271	7701 472 669	Renault	Master 2.5 DCI 16V (G9U)	Supap	İN	30.60	6.00	123.15		45	8
712 E01 1272	7701 472 670				EX	29.50	6.00	123.00		45	8
712 E02 1125	8200 562 080	Renault	Master 2.5 DCI 16V (G9U)	Gayd	İN	11.00	6.00	50.00			8
712 E02 1125	8200 562 080				EX	11.00	6.00	50.00			8













 FOR **RENAULT**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
713 E01 4039	132013562R	Renault	Clio 1.2 TCE 16V 120Hp Benzinli	Supap	IN	26.50	5.50	100.75		45	8
713 E01 4040	132025379R				EX	23.45	5.50	101.65		30	8
713 E02 1124	7700 109 151	Renault	Clio 1.2 TCE 16V 120Hp Benzinli	Gayd	IN	11.00	5.50	40.50			8
713 E02 1124	7700 109 151				EX	11.00	5.50	40.50			8
714 E01 1053	7701 466 606	Renault	Laguna/Clio 1.8/2.0 Kısa Tip (F3P)	Supap	IN	40.20	8.00	107.00		45	4
714 E01 1054	7701 466 607				EX	32.70	8.00	107.00		45	4
714 E02 1091	7700 107 699	Renault	Laguna/Clio 1.8/2.0 Kısa Tip (F3P)	Gayd	IN	13.00	8.00	37.70			4
714 E02 1091	7700 107 699				EX	13.00	8.00	37.70			4
715 E01 1055	7701 461 338	Renault	Espace TD/Master R/Q - R18/R21/R25 TD (2068cc)	Supap	IN	40.30	8.00	111.60		45	4
715 E01 1056	7701 461 339				EX	33.30	8.00	111.60		45	4
716 E01 1057	7701 460 147	Renault	Concorde 2000cc (J6R)	Supap	IN	44.00	8.00	112.10		30	4
716 E01 1058	7701 460 148				EX	38.60	8.00	111.40		45	4
716 E02 1123	0220.58	Renault	Concorde 2000cc (J6R)	Gayd	IN	13.00	8.00	51.00			4
716 E02 1123	0220.58				EX	13.00	8.00	51.00			4
717 E01 1059	7701 469 266	Renault	Twingo/Clio 1.1/1.2 8V (D7F)	Supap	IN	32.80	6.00	106.70		30	4
717 E01 1060	7701 469 269				EX	29.90	6.00	106.70		45	4
717 E02 3041	81-5132	Renault	Twingo/Clio 1.1/1.2 8V (D7F)	Gayd	IN	11.00	6.00	45.00			4
717 E02 3041	81-5132				EX	11.00	6.00	45.00			4
718 E01 0066	7701 471 704	Renault	Kango/Clio/Megane 1900 (Y.M.) (F8Q 630)	Supap	IN	35.20	8.00	110.00		45	4
718 E01 0067	7701 471 705				EX	31.50	8.00	110.00		45	4
719 E01 3737	7701 476 596	Renault	Master 2.5 16V 2011/2012 Model Sonrası	Supap	IN	27.70	6.00	104.00		45	8
719 E01 3738	7701 476 595				EX	26.00	6.00	103.80		45	8
720 E01 1151	7701 465 495	Renault	Safrane 12V 1995cc (J7R) R21 TXI 12V 2165cc (J7T)	Supap	IN	36.40	7.00	111.80		45	8
720 E01 1153	7701 465 497				EX	40.10	7.00	112.10		45	4
721 E01 3579	1397641-0	Renault	Laguna 2.0 16V RT1 3 Tırnak	Supap	IN	31.00	7.00	104.10		45	8
721 E01 3580	1366882-7				EX	27.00	7.00	103.30		45	8
723 E01 0870	7701 473 184	Renault	Clio/Megane/Kango 1500 Diesel 8V (K9K 700)	Supap	IN	33.40	6.00	101.10		45	4
723 E01 0871	7701 473 183				EX	28.95	6.00	100.75		45	4
723 E02 3055	-	Renault	Clio/Megane/Kango 1500 Diesel 8V (K9K 700)	Gayd	IN	11.00	6.00	40.50			4
723 E02 3055	-				EX	11.00	6.00	40.50			4
724 E01 1135	7701 471 279	Renault	Clio/Megane 1.8/2.0 16V (F4R 760)	Supap	IN	33.50	5.50	110.10		45	8
724 E01 1136	7701 471 280				EX	29.00	5.50	109.00		45	8
724 E02 0548	7700 109 151	Renault	Clio/Megane 1.8/2.0 16V (F4R 760)	Gayd	IN	11.00	5.50	40.60			8
724 E02 0548	7700 109 151				EX	11.00	5.50	40.60			8
725 E01 3429	7701 472 986	Renault	Clio 1.2 16V Benzinli (D 4 F-700-720)	Supap	IN	26.00	5.50	110.70		45	8
725 E01 3430	7701 473 004				EX	22.00	5.50	112.40		45	8
725 E02 0548	7700 109 151	Renault	Clio 1.2 16V Benzinli (D 4 F-700-720)	Gayd	IN	11.00	5.50	40.60			8
725 E02 0548	7700 109 151				EX	11.00	5.50	40.60			8
7000 E01 4041	13201-0370R	Renault	Master/Trafic 1.6 16V Diesel (Y.M.)	Supap	IN	23.50	6.00	104.00		45	8
7000 E01 4042	13202-4894R				EX	23.40	6.00	104.00		45	8
7002 E01 3629	13201-8521R	Renault	Fluence 1.6 16V Benzinli (H4M)	Supap	IN	31.20	5.00	101.70		45	8
7002 E01 3630	13202-8257R				EX	25.50	5.00	102.30		45	8

FOR **VOLVO**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
892 E01 3579	1397641-0	Volvo	850 T-5R Break 20V 960 2.5/3.0 24V	Supap	IN	31.00	7.00	104.10		45	8
892 E01 3580	1366882-7				EX	27.00	7.00	103.30		45	8
9500 E01 3904	9454608	Volvo	S40 16V	Supap	IN	32.00	6.00	104.10		45	8
9500 E01 3901	9454610				EX	27.00	6.00	103.30		45	8
9500 E02 3586	-	Volvo	S40 16V	Gayd	IN	12.00	6.00	45.00			8
9500 E02 3586	-				EX	12.00	6.00	45.00		8	
9501 E01 3900	9454607	Volvo	S60/V70/S80 16V	Supap	IN	31.00	6.00	104.30		45	8
9501 E01 3901	9454610				EX	27.00	6.00	103.30		45	8
9503 E01 4021	8631650	Volvo	S60/V70/S80/XC70-X 20V Diesel	Supap	IN	28.80	6.00	98.15		45	10
9503 E01 4022	8631651				EX	26.20	6.00	97.65		45	10


 FOR **FIAT**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
098 E01 0144	4 376 861	Fiat	131 1600cc Doğan/Şahin Std./0.5k (131 A7.000)	Supap	IN	34.50	8.00	100.50		45	4
098 E01 0146	4 376 864				EX	33.65	8.00	101.00		45	4
098 E02 0560	4 250 801	Fiat	131 1600cc Doğan/Şahin (131 A7.000)	Gayd	IN	14.00	8.00	42.00		45	4
098 E02 0561	4 250 803				EX	14.00	8.00	46.50		45	4
099 E01 0147	7 617 500	Fiat	Tipo/Tempra 1.6 SLX Std./0.5k (179 A9.000)	Supap	IN	39.50	8.00	108.55		45	4
099 E01 0148	5 973 128				EX	31.00	8.00	109.00		45	4
099 E02 0561	4 250 803	Fiat	Tipo/Tempra 1.6 SLX (179 A9.000)	Gayd	IN	14.00	8.00	46.50		45	4
099 E02 0561	4 250 803				EX	14.00	8.00	46.50		45	4
100 E01 0149	7 609 772	Fiat	Uno/Tipo/Tempra/Palio 1.4 (159 A3.000)	Supap	IN	37.50	8.00	108.50		45	4
100 E01 0148	5 973 128				EX	31.00	8.00	109.00		45	4
100 E02 0561	4 250 803	Fiat	Uno/Tipo/Tempra/Palio 1.4 (159 A3.000)	Gayd	IN	14.00	8.00	46.50		45	4
100 E02 0561	4 250 803				EX	14.00	8.00	46.50		45	4
101 E01 0150	7770334	Fiat	Palio Weekend 1.2 8V (176 B2.000)	Supap	IN	31.50	7.00	97.00		45	4
101 E01 0151	46514754				EX	27.30	7.00	97.20		45	4
101 E02 3026	4 265 699	Fiat	Palio Weekend 1.2 8V (176 B2.000)	Gayd	IN	13.00	7.00	42.50		45	4
101 E02 3026	4 265 699				EX	13.00	7.00	42.50		45	4
102 E01 0152	46 517 325	Fiat	Bravo/Marea/Palio 1.6 16V 98 Model (178 B3.000)	Supap	IN	30.30	7.00	102.50		45	8
102 E01 0153	46 461 209				EX	29.90	7.00	102.30		45	8
102 E02 3026	4 265 699	Fiat	Bravo/Marea/Palio 1.6 16V 98 Model (178 B3.000)	Gayd	IN	13.00	7.00	42.50		45	8
102 E02 3026	4 265 699				EX	13.00	7.00	42.50		45	8
103 E01 2039	7 735 898	Fiat	Bravo/Marea 2.0 20V (185 A8.000)	Supap	IN	30.00	7.00	113.20		45	10
103 E01 2040	7 735 899				EX	26.00	7.00	108.40		45	10
103 E02 0583	7 756 897	Fiat	Bravo/Marea 2.0 20V (185 A8.000)	Gayd	IN	13.00	7.00	42.50		45	10
103 E02 0583	7 756 897				EX	13.00	7.00	46.00		45	10
107 E01 0933	98 468 338	Fiat	Ducato 2.8 Düz (8140.63)	Supap	IN	43.50	8.00	122.00		30	4
107 E01 2010	99 432 837				EX	36.10	8.00	122.10		45	4
107 E02 0564	4 749 395	Fiat	Ducato 2.5D/2.5TD 2.8D/2.8TDI (8140.63)	Gayd	IN	13.00	8.00	56.00		45	4
107 E02 0564	4 749 395				EX	13.00	8.00	56.00		45	4
114 E01 0882	4 379 986	Fiat	126 Bis (126 A1.000)	Supap	IN	32.90	8.00	115.50		45	2
114 E01 0883	4 374 855				EX	28.00	8.00	115.70		45	2
116 E01 0886	4 439 917	Fiat	128	Supap	IN	36.00	8.00	108.50		45	4
116 E01 3438	4 315 062				EX	31.00	8.00	109.00		45	4
118 E01 0933	98 468 338	Fiat	Ducato 2.5 Düz (8140.27)	Supap	IN	43.50	8.00	122.00		30	4
118 E01 0890	4 826 033				EX	34.40	8.00	122.00		45	4
119 E01 0847	7 547 158	Fiat	Uno/Regata 1.7/1.9 Diesel (160 A6.000)	Supap	IN	37.50	8.00	116.50		45	4
119 E01 0891	7 588 577				EX	33.50	8.00	116.50		45	4
119 E02 0561	4 250 803	Fiat	Uno/Regata 1.7/1.9 Diesel (160 A6.000)	Gayd	IN	14.00	8.00	46.50		45	4
119 E02 0561	4 250 803				EX	14.00	8.00	46.50		45	4
120 E01 0893	4460061	Fiat	Tempra/Tipo 1.8/2.0 8V Std./0.5k (131 C1.000)	Supap	IN	43.60	8.00	105.60		45	4
120 E01 0894	4359309				EX	36.10	8.00	105.90		45	4
120 E02 0560	4 250 801	Fiat	Tempra/Tipo 1.8/2.0 8V (131 C1.000)	Gayd	IN	14.00	8.00	42.00		45	4
120 E02 0560	4 250 801				EX	14.00	8.00	42.00		45	4


 FOR **FIAT**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
121 E01 0895	7 574 739	Fiat	Tempra/Tipo 2.0 16V (154 E1.000)	Supap	IN	34.50	7.00	128.00		45	8
121 E01 0896	7 958 073				EX	28.50	7.00	125.70		45	8
121 E02 0998	7 616 998	Fiat	Tempra/Tipo 2.0 16V (154 E1.000)	Gayd	IN	14.00	7.00	51.50		45	8
121 E02 0998	7 616 998				EX	14.00	7.00	51.50		45	8
123 E01 0889	7 301 820	Fiat	Ducato 2.5 TD (8140.63)	Supap	IN	41.00	8.00	121.00		30	4
123 E01 0934	4 826 033				EX	36.70	8.00	122.00		45	4
125 E01 1156	7 798 620	Fiat	Doblo/Maera/Bravo 1.9 Diesel (182 A7.000)	Supap	IN	37.60	8.00	114.20		45	4
125 E01 1157	7 783 225				EX	31.10	8.00	114.20		45	4
126 E01 0285	9601 136 380	Fiat	Scudo 1.9 TD (D9B-XUD 9A)	Supap	IN	38.50	8.00	112.40		45	4
126 E01 0286	9613 736 280				EX	33.00	8.00	111.90		45	4
126 E02 0539	81-5326	Fiat	Scudo 1.9 TD (D9B-XUD 9A)	Gayd	IN	14.00	8.00	48.00		45	4
126 E02 0539	81-5326				EX	14.00	8.00	48.00		45	4
127 E01 0889	7 301 820	Fiat	Ducato 2.8TDI (8144.67)	Supap	IN	41.00	8.00	121.00		30	4
127 E01 2010	99 432 837				EX	36.10	8.00	122.10		45	4
128 E01 3025	46478834	Fiat	Doblo 1.9 JTD (182 B4.000)	Supap	IN	35.40	8.00	115.10		45	4
128 E01 3026	46416321				EX	34.40	8.00	114.70		45	4
128 E02 3022	46433782	Fiat	Doblo 1.9 Düz - JTD (182 B4.000)	Gayd	IN	14.00	8.00	43.00		45	4
128 E02 3022	46433782				EX	14.00	8.00	43.00		45	4
131 E01 3342	46403681	Fiat	Palio/Bravo/Punto 1.2 16V Altan Tırnak (182 B2.000)	Supap	IN	26.80	6.00	95.00		45	8
131 E01 3343	46471639				EX	22.30	6.00	96.20		45	8
131 E02 0342	46441525	Fiat	Palio/Stil/Bravo/Punto 1.2 16V (182 B2.000)	Gayd	IN	10.00	6.00	39.50		45	8
131 E02 0342	46441525				EX	10.00	6.00	39.50		45	8
132 E01 3349	46518930	Fiat	Palio/Albera/Doblo 1.3 16V Multijet (188 A9.000)	Supap	IN	22.00	6.00	109.20		45	8
132 E01 3350	46518931				EX	21.80	6.00	109.20		45	8
132 E02 3349	46816601	Fiat	Palio/Albera/Doblo 1.3 16V Multijet (188 A9.000)	Gayd	IN	10.00	6.00	43.00		45	8
132 E02 3349	46816601				EX	10.00	6.00	43.00		45	8
141 E01 3353	55185028	Fiat	Palio 1.2 16V 2002 Sonrası (188 A5.000)	Supap	IN	27.00	6.00	95.20		45	8
141 E01 3354	55185080				EX	22.40	6.00	94.70		45	8
142 E01 0149	-	Fiat	Europa/Tempra	Supap	IN	37.50	8.00	108.50		45	4
142 E01 3369	-				EX	33.10	8.00	109.00		45	4
143 E01 3376	55194219	Fiat	Albea 1.4 8V	Supap	IN	33.40	5.00	100.10		45	4
143 E01 3377	55200422				EX	28.00	5.00	100.50		45	4
143 E02 3047	55190559	Fiat	Albea 1.4 8V	Gayd	IN	10.00	5.00	44.00		45	4
143 E02 3047	55190559				EX	10.00	5.00	44.00		45	4
144 E01 3425	46440885	Fiat	Doblo 1.2 8V (Y.M.) 5mm (223 A5.000)	Supap	IN	32.00	5.00	98.40		45	4
144 E01 3426	46440885				EX	27.35	5.00	98.70		45	4
144 E02 3047	55190559	Fiat	Doblo 1.2 8V (Y.M.) 5mm (223 A5.000)	Gayd	IN	10.00	5.00	44.00		45	4
144 E02 3047	55190559				EX	10.00	5.00	44.00		45	4
146 E01 3550	504069199	Fiat	Ducato 2.3 Multijet 120 16V Commonrail (F1AE0481D)	Supap	IN	30.00	6.00	120.40		45	8
146 E01 3551	500362856				EX	30.00	6.00	120.40		45	8
146 E02 3496	504053804	Fiat	Ducato 2.3 Multijet 120 16V Commonrail (F1AE0481D)	Gayd	IN	10.00	6.00	49.00		45	8
146 E02 3496	504053804				EX	10.00	6.00	49.00		45	8





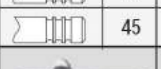



 FOR **FIAT**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
148 E01 3455	46802049	Fiat	Doblo 1.9 JTD 16V	Supap	IN	27.85	6.00	114.40		45	8
148 E01 3456	46787902				EX	25.85	6.00	114.30		45	8
153 E01 3739	55205125	Fiat	Linea/Doblo 1.6 16V (Multijet)	Supap	IN	26.60	5.00	114.40		45	8
153 E01 3740	55205183				EX	24.35	5.00	114.40		45	8
153 E02 3557	55210016	Fiat	Linea/Doblo 1.6 16V (Multijet)	Gayd	IN	10.00	5.00	46.50		8	
153 E02 3557	55210016				EX	10.00	5.00	46.50		8	
2750 E01 3727	421 27 71	Fiat	Regata	Supap	IN	36.00	8.00	108.50		45	4
2750 E01 3728	597 31 29				EX	33.40	8.00	109.00		45	4
2751 E01 3725	426 56 95	Fiat	127	Supap	IN	29.00	7.00	95.50		45	4
2751 E01 3726	425 95 83				EX	26.00	7.00	95.50		45	4
2752 E01 3729	823 16 779	Fiat	131	Supap	IN	37.60	8.00	107.30		45	4
2752 E01 3730	823 36 458				EX	34.00	8.00	107.00		45	4
2753 E01 3882	504072531	Fiat	Ducato 3.0 Multijet 160 Power	Supap	IN	32.40	6.00	119.90		30	8
2753 E01 3883	504081062				EX	32.40	6.00	119.90		30	8
2754 E01 3928	55204574	Fiat	1.3 Multijet Euro 5 Motor 16V	Supap	IN	22.45	6.00	109.20		45	8
2754 E01 3929	55223836				EX	22.45	6.00	109.20		45	8
2755 E01 4047	55206431	Fiat	Linea/Doblo 1.6 16V (Multijet)	Supap	IN	27.60	5.00	114.40		45	8
2755 E01 3740	55205183				EX	24.35	5.00	114.40		45	8


 FOR **FORD**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
185 E01 0033	1122364	Ford	Focus 1.6i 16V (2001 Sonrası) (HWDA-HXDA)	Supap	IN	30.00	6.00	99.00		45	8
185 E01 0034	1113189				EX	24.10	6.00	101.30		45	8
185 E02 3071	-	Ford	Focus 1.6i 16V (2001 Sonrası) (HWDA-HXDA)	Gayd	IN	11.00	6.00	39.00			8
185 E02 3071	-				EX	11.00	6.00	39.00			8
186 E01 0154	785F 6507 AAA	Ford	York 2.4 D Std./0.5k (2401 E)	Supap	IN	44.30	9.00	123.80		30	4
186 E01 0155	785F 6505 AAA				EX	36.20	9.00	124.10		45	4
186 E02 0471	715F 6510 ACA	Ford	York 2.4 D (2401 E)	Gayd	IN	14.70	9.00	58.10			4
186 E02 0471	715F 6510 ACA				EX	14.70	9.00	58.10			4
187 E01 0156	894F 6507 A1B	Ford	"Transit York 2.5 Std./0.5k (4BA-4CA)"	Supap	IN	42.00	9.00	124.50		30	4
187 E01 0157	894F 6505 A1B				EX	36.30	9.00	123.90		45	4
187 E02 0472	844F 6510 CA	Ford	Transit York 2.5 (4BA-4CA)	Gayd	IN	14.70	9.00	56.50			4
187 E02 0472	844F 6510 CA				EX	14.70	9.00	56.50			4
187 E03 0241	844F6057AA	Ford	Transit York 2.5 (4BA-4CA)	Baga	IN	43.70	36.00	7,50		30	4
187 E03 0242	844F6057BA				EX	38.15	31.00	7,50		45	4
196 E01 3018	1096250	Ford	Transit 2.4TD W 184 16V Puma Std./0.5k (DOFA)	Supap	IN	31.30	7.00	122.20		30	8
196 E01 3019	1096248				EX	27.80	7.00	122.25		45	8
196 E02 3029	XS7Q6510AC	Ford	Transit 2.4TD W 184 16V Puma (DOFA)	Gayd	IN	12.00	7.00	51.50			8
196 E02 3029	XS7Q6510AC				EX	12.00	7.00	51.50			8
198 E01 0202	89FF 6507 FB	Ford	Escort 1.8L Diesel Turbo	Supap	IN	36.50	8.00	107.10		45	4
198 E01 0203	89FF 6505 FA				EX	32.00	8.00	109.20		45	4
199 E01 0204	928M 6507C1AC2A	Ford	Escort 1.6i 16V E.M. Zetec (Tek Tımak) (FHD)	Supap	IN	26.00	6.00	97.10		45	8
199 E01 0205	928M 6505 A2A				EX	24.50	6.00	96.60		45	8
199 E02 0476	81SM 6510 LC	Ford	Escort 1.6i 16V E.M. Zetec (Tek Tımak) (FHD)	Gayd	IN	12.00	6.00	36.00			8
199 E02 0476	81SM 6510 LC				EX	12.00	6.00	36.00			8
200 E01 0465	X54Q 6507 BB	Ford	Connect 1.8 Diesel Std./0.5k (RTA-RTC)	Supap	IN	36.50	8.00	107.00		45	4
200 E01 0466	X54Q 6505 BA				EX	32.00	8.00	108.80		45	4
200 E01 0465.2	X54Q 6507 BB	Ford	Connect 1.8 Diesel Sap 0.010 Kafa Std./0.5k	Supap	IN	36.50	8.23	107.00		45	4
200 E01 0466.2	X54Q 6505 BA				EX	32.00	8.21	108.80		45	4
200 E01 0465.4	X54Q 6507 BB	Ford	Connect 1.8 Diesel Sap 0.020 Kafa Std./0.5k	Supap	IN	36.50	8.43	107.00		45	4
200 E01 0466.4	X54Q 6505 BA				EX	32.00	8.41	108.80		45	4
200 E02 3030	-	Ford	Connect 1.8 Diesel (RTA-RTC)	Gayd	IN	12.00	8.00	38.00			4
200 E02 3030	-				EX	12.00	8.00	38.00			4
206 E01 1226	2S6Q 6507 AB	Ford	Fiesta 1.4 TDCI 8V (DV4)	Supap	IN	32.80	5.50	97.40		45	4
206 E01 1227	2S6Q 6505 AG				EX	30.40	5.50	97.40		45	4
206 E02 3036	-	Ford	Fiesta 1.4 TDCI 8V (DV4)	Gayd	IN	9.50	5.50	34.00			4
206 E02 3036	-				EX	9.50	5.50	34.00			4
211 E01 0905	81SM 6507 KF	Ford	Escort 1.6 CHV	Supap	IN	42.00	8.00	134.80		45	4
211 E01 0909	81SM 6505 AG				EX	37.00	8.00	131.80		45	4
211 E02 3354	81SM 6510 LC	Ford	Escort 1.6 CHV	Gayd	IN	13.50	8.00	65.00			4
211 E02 3354	81SM 6510 LC				EX	13.50	8.00	65.00			4
212 E01 0910	928M 6507 D1A	Ford	Escort/Mondeo 1.8/2.0 16V (E.M.) Tek Tımak (RKA-RKB)	Supap	IN	32.00	6.00	97.10		45	8
212 E01 0911	928M 6505 D2A				EX	28.00	6.00	96.70		45	8
213 E01 0912	89FF 6507 AA	Ford	Escort 1.8 Diesel (RTA-RTC)	Supap	IN	36.50	8.00	107.00		45	4
213 E01 0203	89FF 6505 AA				EX	32.00	8.00	109.20		45	4
214 E01 0913	89BM 6507 AA	Ford	Escort/Fiesta 1.1 (GUE)	Supap	IN	33.00	7.00	104.00		45	4
214 E01 0918	89BM 6505 CA				EX	29.00	7.00	104.40		45	4

FOR **FORD**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırmak	Açı	Adet	
215 E01 0915	97MM 6507 A2B	Ford	Fiesta 1250 16V 3 Tırmak (Y.M.) (DHA)	Supap	İN	26.10	6.00	97.70		45	8
215 E01 0916	98MM 6505 A2A				EX	22.10	6.00	99.70		45	8
215 E02 3071	-	Ford	Fiesta 1250 16V (Y.M.) (DHA)	Gayd	İN	11.00	6.00	39.00		45	8
215 E02 3071	-				EX	11.00	6.00	39.00		45	8
216 E01 0917	89BM 6507 BA	Ford	Ka 1.3 BL Escort OHV Std (GUD)	Supap	İN	34.50	7.00	104.00		45	4
216 E01 0918	89BM 6505 CA				EX	29.00	7.00	104.40		45	4
216 E01 0917.1	89BM 6507 BA	Ford	Ka 1.3 BL Escort OHV 0.008 (GUD)	Supap	İN	34.50	7.21	104.00		45	4
216 E01 0918.1	89BM 6505 CA				EX	29.00	7.21	104.40		45	4
216 E01 0917.2	89BM 6507 BA	Ford	Ka 1.3 BL Escort OHV 0.016 (GUD)	Supap	İN	34.50	7.41	104.00		45	4
216 E01 0918.2	89BM 6505 CA				EX	29.00	7.41	104.40		45	4
216 E02 1198	-	Ford	Ka 1.3 BL Escort OHV (GUD)	Gayd	İN	12.80	7.00	55.00		45	4
216 E02 1198	-				EX	12.80	7.00	55.00		45	4
222 E01 0929	88WM 6507 BA	Ford	Sierra 2.0 D.O.H.C. (N9A-N9C)	Supap	İN	42.60	7.00	108.50		45	4
222 E01 0930	88WM 6505 EA				EX	38.00	7.00	108.90		45	4
222 E02 2000	6172956	Ford	Sierra 2.0 D.O.H.C. (N9A-N9C)	Gayd	İN	13.50	7.00	43.00		45	4
222 E02 2000	6172956				EX	13.50	7.00	43.00		45	4
223 E01 3472	6M346507AA	Ford	Ranger 2500 TCDI 16V (Y.M.)	Supap	İN	31.00	6.00	112.00		45	8
223 E01 3473	6M34655AA				EX	28.00	6.00	111.90		45	8
223 E02 3495	B6Z0-10-280	Ford	Ranger 2500 TCDI 16V (Y.M.)	Gayd	İN	11.00	6.00	47.50		45	8
223 E02 3495	B6Z0-10-280				EX	11.00	6.00	47.50		45	8
224 E01 0935	98MM 6507 CB2	Ford	Focus 1.6i 16V 98-2000 Model (FYDA)	Supap	İN	30.10	6.00	97.00		45	8
224 E01 0936	XS6G 6505 B2A				EX	24.10	6.00	99.50		45	8
224 E02 3071	-	Ford	Focus 1.6i 16V 98-2000 Model (FYDA)	Gayd	İN	11.00	6.00	39.00		45	8
224 E02 3071	-				EX	11.00	6.00	39.00		45	8
225 E01 1143	928M 6507 E2A	Ford	Escort 1.6i 16V (Y.M.) 3 Tırmak Zetec	Supap	İN	26.00	6.00	97.10		45	8
225 E01 1144	948M 6505 C2A				EX	24.50	6.00	96.70		45	8
225 E02 0476	81SM 6510 LC	Ford	Escort 1.6i 16V (Y.M.) 3 Tırmak Zetec	Gayd	İN	12.00	6.00	36.00		45	8
225 E02 0476	81SM 6510 LC				EX	12.00	6.00	36.00		45	8
226 E01 1145	928M 6507 F2A	Ford	Escort 1.8/2.0 16V (Y.M.) 3 Tırmak (RDA-RDB)	Supap	İN	32.00	6.00	97.10		45	8
226 E01 1146	948M 6505 D2A				EX	28.00	6.00	96.70		45	8
226 E02 0476	81SM 6510 LC	Ford	Escort 1.6i/1.8/2.0 16V (RDA-RDB)	Gayd	İN	12.00	6.00	36.00		45	8
226 E02 0476	81SM 6510 LC				EX	12.00	6.00	36.00		45	8
227 E01 2001	96MM 6507 B2A	Ford	Fiesta 1250 16V (E.M.) Tek Tırmak Zetec	Supap	İN	26.10	6.00	97.70		45	8
227 E01 2002	96MM 6505 B2A				EX	22.10	6.00	99.70		45	8
232 E01 0248	M5Q 6507 AA	Ford	Focus 1.6 TDCI C-Max Duratog 16V (DV6)	Supap	İN	25.60	5.50	96.50		45	8
232 E01 0249	M5Q 6505 AA				EX	23.40	5.50	96.60		45	8
232 E02 3036	-	Ford	Focus 1.6 TDCI C-Max Duratog 16V (DV6)	Gayd	İN	9.50	5.50	34.00		45	8
232 E02 3036	-				EX	9.50	5.50	34.00		45	8
233 E01 1268	157G 6507 CE	Ford	Mondeo 2.0 16V Benzinli (Y.M.)	Supap	İN	35.50	5.50	103.30		45	8
233 E01 1269	157G 6505 EF				EX	30.00	5.50	104.60		45	8
233 E02 3501	-	Ford	Mondeo 2.0 16V Benzinli (Y.M.)	Gayd	İN	11.00	5.50	39.00		45	8
233 E02 3501	-				EX	11.00	5.50	39.00		45	8
234 E01 3382	7C16 6507 AA	Ford	Mondeo 125 PS 2.0 16V Diesel	Supap	İN	29.80	7.00	122.20		30	8
234 E01 3383	7C16 6505 AA				EX	25.90	7.00	122.20		45	8


 FOR **FORD**





















OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
235 E01 3382	7C16 6507 AA	Ford	Transit 2.4 16V W347 W348 20V 125-200 PS	Supap	IN	29.80	7.00	122.20		30	8
235 E01 3383	7C16 6505 AA				EX	25.90	7.00	122.20		45	8
235 E02 3029	XS7Q6510AC	Ford	Transit 2.4 16V W347 W348 20V 125 - 200 PS	Gayd	IN	12.00	7.00	51.50			8
235 E02 3029	XS7Q6510AC				EX	12.00	7.00	51.50		8	
236 E01 0977	WL0112111	Ford	Ranger 12V Std./0.5k	Supap	IN	32.70	7.00	111.80		45	8
236 E01 0978	WL0112121				EX	35.60	7.00	111.80		45	4
236 E02 1172	WLY1-10-280	Ford	Ranger 12V	Gayd	IN	12.00	7.00	46.00			8
236 E02 1172	WLY1-10-280				EX	12.00	7.00	46.00		4	
237 E01 3409	1151997	Ford	Fiesta 1.4 16V (Y.M.) Benzinli	Supap	IN	28.10	6.00	99.40		45	8
237 E01 3410	1113189				EX	24.20	6.00	101.45		45	8
237 E02 3352	-	Ford	Fiesta 1.4 16V (Y.M.) Benzinli	Gayd	IN	11.00	6.00	39.00			8
237 E02 3352	-				EX	11.00	6.00	39.00		8	
238 E01 3463	-	Ford	S-Max 2.0 16V Diesel Duratog	Supap	IN	29.90	6.00	104.95		45	8
238 E01 3464	-				EX	25.00	6.00	104.95		45	8
239 E01 3382	-	Ford	Transit W348 20V 3.2 200 PS	Supap	IN	29.80	7.00	122.20		30	10
239 E01 3383	-				EX	25.90	7.00	122.20		45	10
240 E01 3647	1207533	Ford	Fiesta 1250 (Y.M.) 2009 Model	Supap	IN	26.10	6.00	99.70		45	8
240 E01 3648	1113187				EX	21.80	6.00	101.60		45	8
241 E01 3733	9M5Q6507AA	Ford	Kuga 2.0 16V Diesel	Supap	IN	27.20	6.00	104.50		45	8
241 E01 3734	1231930				EX	25.00	6.00	105.00		45	8
244 E01 3810	AV6Q 6505	Ford	Fiesta 1.4 TCDI DV4C/Focus 1.6 DV6C Tourneo/Kuga 1.5 Euro 5	Supap	IN	30.15	5.50	95.50		45	4
244 E01 3811	AV6Q 6507				EX	27.40	5.50	95.50		45	4
245 E01 4111	XS7E 6507 D2A	Ford	Focus 2.0 16V (Zetec) (EYD-EYPA-EYDB)	Supap	IN	33.00	6.00	98.10		45	8
245 E01 4112	XS7E 6505 D2B				EX	28.00	6.00	97.90		45	8
246 E01 4122	-	Ford	Focus/Mondeo 1.6 16V Ecoboost Benzinli	Supap	IN	30.10	5.00	99.00		45	8
246 E01 4123	-				EX	25.00	5.00	99.80		60	8







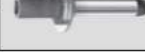




 FOR **DAEWOO**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
906 E01 3427	96182806	Daewoo	Lanos/Nubira/Nexia 1.5 16V (A16DMS)	Supap	IN	30.30	6.00	102.50		45	8
906 E01 3428	96182805				EX	26.00	6.00	102.00		45	8
906 E02 3037	96103034	Daewoo	Lanos/Nubira/Nexia 1.5 16V (A16DMS)	Gayd	IN	11.00	6.00	40.00		8	
906 E02 3037	96103034				EX	11.00	6.00	40.00			
907 E01 3439	-	Daewoo	Lüblin 2400	Supap	IN	42.70	8.00	126.20		45	4
907 E01 3440	-				EX	35.50	8.00	126.10			
908 E01 3723	96182934	Daewoo	Lanos 1.4/1.5 8V	Supap	IN	38.00	7.00	103.50		45	4
908 E01 3724	96182933				EX	31.00	7.00	103.50			
909 E01 3936	65 04101 0043	Daewoo	D2366	Supap	IN	53.30	11.00	166.60		30	6
909 E01 3937	65 04101 0044				EX	51.10	11.00	166.60			
909 E02 3648	65 04101 0085	Daewoo	D2366	Gayd	IN	17.00	11.00	75.50		6	
909 E02 3648	65 04101 0085				EX	17.00	11.00	75.50			
909 E03 0225	65.03203.1041	Daewoo	D2366	Baga	IN	54.20	46.20	8.30		30	6
909 E03 0226	65.03203.1042				EX	51.70	42.80	9.30			
910 E01 3962	-	Daewoo	Daewoo	Supap	IN	28.60	6.00	101.65		45	4
910 E01 3963	-				EX	27.10	6.00	101.50			
911 E01 4057	65 04101 0041	Daewoo	D1146	Supap	IN	48.50	9.00	154.50		30	6
911 E01 4058	65 04101 0042				EX	46.00	9.00	154.50			
911 E02 3649	65 03201 0075	Daewoo	D1146	Gayd	IN	15.00	9.00	64.75		6	
911 E02 3649	65 03201 0075				EX	15.00	9.00	64.75			
911 E03 0227	65.03203.1029	Daewoo	D1146	Baga	IN	50.10	42.30	8.30		30	6
911 E03 0228	65.03203.1028				EX	47.60	38.65	9.00			
912 E01 0039	65 04101 0375	Daewoo	P222LE	Supap	IN	58.00	12.00	142.50		30	6
912 E01 0036	65 04101 0367				EX	51.00	12.00	142.50			
912 E02 0427	51 03201 0088	Daewoo	P222LE	Gayd	IN	18.00	12.00	64.00		6	
912 E02 0427	52 03201 0088				EX	18.00	12.00	64.00			
912 E03 0134	65.03203.0242	Daewoo	P222LE	Baga	IN	61.15	48.00	8.90		30	6
912 E03 0028	65.03203.0184				EX	53.15	42.50	10.00			
995 E01 0868	12911 78B00	Daewoo	Damas/Tico 6V (F8C)	Supap	IN	35.60	5.50	110.50		45	3
995 E01 0869	12915 78B00				EX	31.80	5.50	110.30			
995 E02 0868	11115A-70B00	Daewoo	Damas/Tico 6V (F8C)	Gayd	IN	11.00	5.50	43.00		3	
995 E02 0868	11115A-70B00				EX	11.00	5.50	43.00			
996 E01 0252	641 022	Daewoo	2.0 16V (X20 XEV)	Supap	IN	32.00	6.00	102.10		45	8
996 E01 0253	641 325				EX	29.00	6.00	92.20			
996 E02 0516	4500633	Daewoo	2.0 16V (X20 XEV)	Gayd	IN	10.00	6.00	45.00		8	
996 E02 0615	81-4211				EX	10.00	6.00	35.00			
998 E01 3240	-	Daewoo	Forklift	Supap	IN	46.00	8.00	114.60		30	4
998 E01 3241	-				EX	39.30	8.00	115.80			


**FOR DAIHATSU**
**OTOMOBİL**













Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
973 E01 3504	13711 23030	Daihatsu	Sirion 1300 16V (YKY K3-VE)	Supap	IN	26.00	5.00	88.20		45	8
973 E01 3505	13715 23030				EX	22.60	5.00	89.10		45	8
973 E02 3498	11122 21010	Daihatsu	Sirion 1300 16V (YKY K3-VE)	Gayd	IN	9.70	5.00	34.50			8
973 E02 3498	11122 21010				EX	9.70	5.00	34.50			8
974 E01 0878	13711 87701	Daihatsu	Hi-jet CB 6V (AB.CB20)	Supap	IN	36.00	7.00	101.60		45	3
974 E01 0879	13715 87701				EX	33.00	7.00	101.60		45	3
974 E02 0612	1112 487701	Daihatsu	Hi-jet CB 6V (AB.CB20)	Gayd	IN	12.00	7.00	50.00			3
974 E02 0612	1112 487701				EX	12.00	7.00	50.00			3

**FOR HONDA**
**OTOMOBİL**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
923 E01 3997	14711-Z4V-900	Honda	Su Motoru GX160	Supap	IN	25.00	5.50	63.90		45	4
923 E01 3998	14721-Z4V-900				EX	24.00	5.50	64.35		45	4
938 E01 4059	-	Honda	Bylgariq 24V	Supap	IN	35.00	5.50	116.00		45	12
938 E01 4060	-				EX	30.00	5.50	114.25		45	12
981 E01 0613	14711 PT3 A00	Honda	Accort 16V (F22)	Supap	IN	34.00	5.50	112.10		45	8
981 E01 0614	14721 PT3 A00				EX	29.00	5.50	123.50		45	8
981 E02 3069	12204 PJ7 305	Honda	Accort 16V (F22)	Gayd	IN	11.00	5.50	47.50			8
981 E02 3070	12205 PJ7 305				EX	11.00	5.50	54.00			8
982 E01 1228	14711 P75A00	Honda	CRV 2.0 16V (B20 B)	Supap	IN	31.00	6.55	105.55		45	8
982 E01 1229	14721 P75A00				EX	28.00	6.55	106.00		45	8
982 E02 0987	12204 PM7305	Honda	CRV 2.0 16V (B20 B)	Gayd	IN	12.00	6.60	45.00			8
982 E02 0987	12205 PM7305				EX	12.00	6.60	50.00			8
983 E01 3599	-	Honda	CRV 2.0 16V (Y.M.)	Supap	IN	35.00	5.50	109.25		45	8
983 E01 3600	-				EX	30.00	5.50	108.80		45	8
984 E01 3627	-	Honda	Civic 1.6 16V (Y.M.) 2007 Sonrası	Supap	IN	32.00	5.50	116.50		45	8
984 E01 3628	-				EX	26.00	5.50	115.80		45	8
986 E01 0943	14711-PT0 000	Honda	Accord 2.0 16V (F20) 1992 Model	Supap	IN	32.00	5.50	112.10		45	8
986 E01 0944	14721-PT0 000				EX	27.00	5.50	123.50		45	8
988 E01 0947	14711 PM3 000	Honda	Civic/CRX Sedan 1.6 16V (D15B)	Supap	IN	29.00	5.50	115.00		45	8
988 E01 0948	14721 PM3 000				EX	25.00	5.50	118.70		45	8
988 E02 0736	12204 PJ7 305	Honda	Civic/CRX Sedan 1.6 16V (D15B)	Gayd	IN	11.00	5.50	47.50			8
988 E02 0767	12205 PJ7 305				EX	11.00	5.50	54.00			8
989 E01 1230	14711 PG6 000	Honda	Civic Hatchback 1.6 16V (D16 A9)	Supap	IN	30.00	6.60	105.50		45	8
989 E01 1231	14721 PG6 000				EX	27.00	6.60	104.60		45	8
990 E01 3000	14711-P08000	Honda	Civic 1.4/1.6 16V (D14/D16 Y)	Supap	IN	30.00	5.50	118.60		45	8
990 E01 3001	14721-P08000				EX	26.00	5.50	116.00		45	8
990 E02 3069	12204 PJ7 305	Honda	Civic 1.4/1.6 16V (D14/D16 Y)	Gayd	IN	11.00	5.50	47.50			8
990 E02 3070	12205 PJ7 305				EX	11.00	5.50	54.00			8


 FOR **HYUNDAI**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
273 E01 3797	22211-42520	Hyundai	Galloper 2.4 TD	Supap	IN	40.00	8.00	130.20		45	4
273 E01 3798	22212-42520				EX	34.00	8.00	130.00		45	4
274 E01 3687	22211-2B000	Hyundai	i30 1.4 16V (Y.M.)	Supap	IN	31.60	5.50	93.20		45	8
274 E01 3688	22212-2B000				EX	26.00	5.50	92.45		45	8
274 E02 3585	22114-2B000	Hyundai	i30 1.4 16V (Y.M.)	Gayd	IN	10.00	5.50	40.50			8
274 E02 3585	22114-2B000				EX	10.00	5.50	40.50			8
275 E01 3683	-	Hyundai	Era 1.5 16V Diesel CRDI Tek Tırnak	Supap	IN	26.25	5.50	93.00		45	8
275 E01 3684	-				EX	21.00	5.50	93.65		45	8
276 E01 3370	-	Hyundai	Santa fe/Tucson 2000 16V CRDI	Supap	IN	28.60	6.00	95.70		45	8
276 E01 3371	-				EX	24.50	6.00	95.35		45	8
276 E02 3530	-	Hyundai	Santa fe/Tucson 2000 16V CRDI	Gayd	IN	11.00	6.00	36.50			8
276 E02 3530	-				EX	11.00	6.00	36.50			8
277 E01 3641	-	Hyundai	i10/1100 12V	Supap	IN	23.60	5.50	99.60		45	8
277 E01 3642	-				EX	27.00	5.50	99.00		45	4
278 E01 3518	-	Hyundai	Elantra/Sonata 1.8/2.0 16V 2000 Sonrası	Supap	IN	32.00	6.00	102.30		45	8
278 E01 3519	-				EX	27.50	6.00	104.80		45	8
278 E02 3528	-	Hyundai	Elantra/Sonata 1.8/2.0 16V 2000 Sonrası	Gayd	IN	11.00	6.00	46.00			8
278 E02 3528	-				EX	11.00	6.00	54.50			8
279 E01 3457	22211-4A000	Hyundai	Starex CRDI 2.5 16V Tek Tırnak	Supap	IN	32.00	7.00	110.70		45	8
279 E01 3458	22212-4A000				EX	28.00	7.00	110.50		45	8
279 E02 3371	22114-4A000	Hyundai	Starex CRDI 2.5 16V Tek Tırnak	Gayd	IN	12.00	7.00	43.50			8
279 E02 3371	22115-4A000				EX	12.00	7.00	39.50			8
280 E01 0784	-	Hyundai	Accent 1.5 16V Benzinli	Supap	IN	29.10	6.00	92.00		45	8
280 E01 0785	-				EX	25.00	6.00	92.50		45	8
280 E02 0784	22114-26901	Hyundai	Accent 1.5 16V Benzinli	Gayd	IN	11.00	6.00	36.60			8
280 E02 0784	22115-26901				EX	11.00	6.00	41.00			8
281 E01 0380	22211-42200	Hyundai	H 100 2500cc (Y.M.) Std./0.5k	Supap	IN	42.00	8.00	136.00		45	4
281 E01 0381	22212-42200				EX	36.00	8.00	136.00		45	4
281 E02 0611	22114-42000	Hyundai	H100 2500cc	Gayd	IN	13.00	8.00	71.00			4
281 E02 0613	22115-42000				EX	13.00	8.00	74.00			4
282 E01 0382	MD 016 460	Hyundai	Excel/Pony 1.3/1.5 8V (G13B)	Supap	IN	34.00	6.57	102.10		45	4
282 E01 0383	MD 016 461				EX	30.00	6.55	100.90		45	4
282 E02 0326	22114-21900	Hyundai	Excel/Pony 1.3/1.5 8V (G13B)	Gayd	IN	12.00	6.60	44.00			4
282 E02 0328	22115-21900				EX	12.00	6.60	49.50			4
283 E01 0951	22211-33000	Hyundai	Elentra/Sonata 2.0 16V (G4DR-G4DM)	Supap	IN	34.00	6.57	109.50		45	8
283 E01 0952	22212-33000				EX	30.65	6.55	109.90		45	8
283 E02 3023	22114-21900	Hyundai	Elentra/Sonata 2.0 16V (G4DR-G4DM)	Gayd	IN	12.00	6.60	44.00			8
283 E02 3023	22115-21900				EX	12.00	6.60	50.00			8


 FOR **HYUNDAI**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
284 E01 3506	22211-4A061	Hyundai	Starex 2.5 16V CRDI 3 Tırmak	Supap	İN	31.80	7.00	110.60		45	8
284 E01 3507	22212-4A061				EX	28.00	7.00	110.60		45	8
285 E01 1125	22211-42220	Hyundai	H100/Starex 2600cc Std./0.5k	Supap	İN	42.00	8.00	132.50		45	4
285 E01 1126	22212-42220				EX	36.00	8.00	132.50		45	4
285 E02 0611	22114-42000	Hyundai	H100/Starex 2600cc	Gayd	İN	13.00	8.00	71.00		4	
285 E02 0613	22115-42000				EX	13.00	8.00	74.00		4	
285 E03 0132	-	Hyundai	H100/Starex 2600cc	Baga	İN	45.15	36.00	8,00		45	4
285 E03 0133	-				EX	38.15	31.00	8,00		45	4
286 E01 2023	22211 22003	Hyundai	Accent 1.3/1.5 12V (G4N)	Supap	İN	27.50	6.00	99.00		45	8
286 E01 2024	22212 22011				EX	32.00	6.00	98.60		45	4
286 E02 0326	22114-22020	Hyundai	Accent 1.3/1.5 12V (G4N)	Gayd	İN	11.00	6.00	42.70		8	
286 E02 0328	22115-22020				EX	11.00	6.00	39.00		4	
287 E01 3280	-	Hyundai	H100 H2/Starex 2001 Sonrası Std./0.5k	Supap	İN	42.00	8.00	132.00		45	4
287 E01 3281	-				EX	36.00	8.00	132.00		45	4
288 E01 0398	22211-42200	Hyundai	H100 (E.M.) Std./0.5k	Supap	İN	40.00	8.00	136.50		45	4
288 E01 0399	22212-42200				EX	34.00	8.00	136.50		45	4
289 E01 3370	22211-27000	Hyundai	Getz 1.3/1.5 12V Diesel CRDI	Supap	İN	28.60	6.00	95.70		45	6
289 E01 3371	22212-27000				EX	24.50	6.00	95.35		45	6
289 E02 3068	22114-27000	Hyundai	Getz 1.3/1.5 12V Diesel CRDI	Gayd	İN	11.00	6.00	36.60		6	
289 E02 3068	22114-27000				EX	11.00	6.00	36.60		6	
290 E01 3435	-	Hyundai	Era 1.5 16V CRDI	Supap	İN	26.20	5.50	92.90		45	8
290 E01 3436	-				EX	21.00	5.50	93.50		45	8
290 E02 3382	1115-60B11-001	Hyundai	Era 1.5 16V CRDI	Gayd	İN	11.00	5.50	32.00		8	
290 E02 3382	1115-60B11-001				EX	11.00	5.50	32.00		8	
3500 E01 3850	22211-03200	Hyundai	i20 1.2 16V Benzinli (Y.M.)	Supap	İN	26.80	5.50	101.10		45	8
3500 E01 3851	22212-03200				EX	24.10	5.50	101.20		45	8
3501 E01 0500	-	Hyundai	Hyundai 3500 Std./0.5k	Supap	İN	44.00	9.00	137.00		45	4
3501 E01 0501	-				EX	37.00	9.00	137.00		45	4


**FOR ISUZU**
**OTOMOBİL**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
301 E01 0216	1 12551 050 0	Isuzu	NPR Std./0.5k (4BC1)	Supap	IN	45.00	9.00	127.90		45	4
301 E01 0217	1 12552 025 0				EX	37.50	9.00	127.90		45	4
301 E02 0572	5 11721 001	Isuzu	NPR (4BC1)	Gayd	IN	14.00	9.00	60.00			4
301 E02 0572	5 11721 001				EX	14.00	9.00	60.00			4
301 E03 0194	1-11715054-0	Isuzu	NPR (4BC1)	Baga	IN	47.15	40.00	7,50		45	4
301 E03 0195	1-11711043-0				EX	39.15	33.00	7,00			45
302 E01 0218	8 94133 275 1	Isuzu	NKR Std./0.5k (4JA1)	Supap	IN	40.20	8.00	118.10		45	4
302 E01 0219	8 94247 875 1				EX	36.00	8.00	118.10		45	4
302 E02 0573	5 11721 016 0	Isuzu	NKR (4JA1)	Gayd	IN	14.00	8.00	50.00			4
302 E02 0573	5 11721 016 0				EX	14.00	8.00	50.00			4
304 E01 0222	8 94216 589 0	Isuzu	Gemini 1800cc Std./0.5k (4FB1-4FC1)	Supap	IN	39.00	8.00	132.30		45	4
304 E01 0223	8 94108 307 0				EX	34.00	8.00	132.30		45	4
304 E02 0574	5 11721 015 1	Isuzu	Gemini (4FB1-4FC1)	Gayd	IN	12.00	8.00	60.00			4
304 E02 0574	5 11721 015 1				EX	12.00	8.00	60.00			4
305 E01 0224	3777701570.01	Isuzu	Şampiyon 100p Std./0.5k (4HF1)	Supap	IN	51.00	9.00	141.00		45	4
305 E01 0225	3777702780.01				EX	42.00	9.00	140.60		45	4
305 E02 0572	5 11721 001	Isuzu	Şampiyon 100p (4HF1)	Gayd	IN	14.00	9.00	60.00			4
305 E02 0572	5 11721 001				EX	14.00	9.00	60.00			4
307 E01 3414	-	Isuzu	6BG1/PD61	Supap	IN	46.00	9.00	127.90		45	6
307 E01 3515	-				EX	37.50	9.00	127.90		45	6
307 E02 3368	94032687	Isuzu	6BG1/PD61	Gayd	IN	14.00	9.00	60.00			6
307 E02 3368	94032687				EX	14.00	9.00	60.00			6
308 E01 3556	894 395 882 051	Isuzu	Nor/Citibus (Y.M.) 16V	Supap	IN	37.00	8.00	130.60		30	8
308 E01 3557	897 209 876 251				EX	37.00	8.00	130.10		45	8
308 E02 3393	-	Isuzu	Nor/Citibus (Y.M.) 16V	Gayd	IN	14.00	8.00	57.00			8
308 E02 3393	-				EX	14.00	8.00	57.00			8
309 E01 3587	8 94449 047 0	Isuzu	WFR 8V	Supap	IN	39.10	8.00	134.30		45	4
309 E01 3588	8 94449 048 0				EX	34.00	8.00	134.30		45	4
310 E01 3611	-	Isuzu	D-Max 3.0 Diesel 4x4	Supap	IN	42.25	8.00	117.75		45	4
310 E01 3612	-				EX	35.70	8.00	118.20		45	4
312 E01 3971	-	Isuzu	4JG2	Supap	IN	42.00	8.00	118.15		45	4
312 E01 3972	-				EX	35.75	8.00	118.05		45	4
312 E02 3615	-	Isuzu	4JG2	Gayd	IN	14.00	8.00	53.20			4
312 E02 3615	-				EX	14.00	8.00	53.20			4
313 E01 3823	8-97309-675-1	Isuzu	D-Max 2.5/3.0 16V Diesel Euro 4 Motor (4JJ1/4JK1)	Supap	IN	33.00	7.00	107.50		45	8
313 E01 3824	8-97309-677-1				EX	30.00	7.00	107.50		45	8
314 E01 3829	-	Isuzu	NQR Şampiyon 6 Ton	Supap	IN	50.00	9.00	141.00		45	4
314 E01 0225	-				EX	42.00	9.00	140.60		45	4
315 E01 4179	-	Isuzu	460 6HK / 6VG1 24V (İş Makinası)	Supap	IN	48.00	10.00	188.00		45	12
315 E01 4180	-				EX	45.00	10.00	188.00		45	12


 FOR **KIA**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
360 E01 3689	MB-30112111	Kia	Pride 1300	Supap	İN	32.00	7.00	105.30		45	4
360 E01 3690	KK-15012121				EX	28.00	7.00	104.20		45	4
361 E01 3506	22211-4A061	Kia	Sorento 2.5 16V 3 Tırnak CRDI	Supap	İN	31.80	7.00	110.60		45	8
361 E01 3507	22212-4A061				EX	28.00	7.00	110.60		45	8
362 E01 0784	22211 26600	Kia	Rio 1.5 16V	Supap	İN	29.10	6.00	92.00		45	8
362 E01 0785	22212 26600				EX	25.00	6.00	92.50		45	8
363 E01 3457	22211-4A000	Kia	Sorento 2.5 16V Tek Tırnak CRDI	Supap	İN	32.00	7.00	110.50		45	8
363 E01 3458	22212-4A000				EX	28.00	7.00	110.50		45	8
363 E02 3376	22114-4A000	Kia	Sorento 2.5 16V CRDI	Gayd	İN	12.00	7.00	43.50			8
363 E02 3376	22115-4A000				EX	12.00	7.00	39.50			8
364 E01 3435	-	Kia	1.5 16V Diesel	Supap	İN	26.20	5.50	92.90		45	8
364 E01 3436	-				EX	20.90	5.50	93.50		45	8
364 E02 3382	-	Kia	1.5 16V Diesel	Gayd	İN	11.00	5.50	32.00			8
364 E02 3382	-				EX	11.00	5.50	32.00			8
366 E01 0226	K710 12 111	Kia	Besta 2200 Diesel (E.M.) Std./0.5k (RF-R2)	Supap	İN	41.00	8.00	106.90		45	4
366 E01 0227	K710 12 121				EX	36.00	8.00	106.90		45	4
366 E02 0493	RF01 10 283	Kia	Besta 2200 (E.M.) (RF-R2)	Gayd	İN	14.00	8.00	41.00			4
366 E02 0494	RF01 10 292				EX	14.00	8.00	38.00			4
367 E01 0228	NV01 12 111	Kia	Besta HI 2700	Supap	İN	41.00	9.00	104.60		45	4
367 E01 0229	NV01 12 121				EX	35.00	9.00	114.70		30	4
367 E02 1167	-	Kia	Besta HI 2700	Gayd	İN	14.00	9.00	48.00			4
367 E02 1167	-				EX	14.00	9.00	48.00			4
368 E01 0230	0636 12 111C	Kia	Ceres 2400 Std./0.5k	Supap	İN	40.40	8.00	114.65		45	4
368 E01 0231	0527 12 121C				EX	36.00	8.00	114.65		30	4
368 E02 0495	OK48010104YE2	Kia	Ceres 2400	Gayd	İN	12.70	8.00	54.00			4
368 E02 0495	OK48010104YE2				EX	12.70	8.00	54.00			4
369 E01 0232	K4102111A3	Kia	Kobra 3500	Supap	İN	45.50	9.00	114.50		45	4
369 E01 0233	K4102121A3				EX	38.50	9.00	114.50		30	4
369 E02 0496	3410 10 10	Kia	Kobra 3500	Gayd	İN	14.00	9.00	47.60			4
369 E02 0497	3410 10 106				EX	14.00	9.00	47.60			4
370 E01 0234	OK65C 12 111	Kia	Bongo Pregio 2700 JT K1-K2 Std./0.5k	Supap	İN	44.00	8.50	112.60		45	4
370 E01 0235	OK65B 12 121				EX	37.30	8.50	112.80		45	4
370 E02 0491	OK65A10104Y2K	Kia	Bongo/Pregio 2700 JT K1-K2	Gayd	İN	14.00	8.50	48.50			4
370 E02 0491	OK65A10104Y2K				EX	14.00	8.50	48.50			4
370 E03 0110	-	Kia	Bongo/Pregio 2700 JT K1-K2	Baga	İN	45.40	38.00	8.00		45	4
370 E03 0111	-				EX	38.20	31.00	8.50			4
371 E01 3683	-	Kia	Cerato 1.5 16V Diesel CRDI Tek Tırnak	Supap	İN	26.25	5.50	93.00		45	8
371 E01 3684	-				EX	21.00	5.50	93.65		45	8
372 E01 0770	-	Kia	Rio 16V	Supap	İN	27.80	5.50	96.57		45	8
372 E01 0771	-				EX	24.80	5.50	95.60		45	8
4300 E01 3796	OK65A 12111A	Kia	Bongo Pregio (2700 JT K1-K2)	Supap	İN	42.50	8.50	112.80		45	4
4300 E01 0235	OK65B 12 121				EX	37.30	8.50	112.80		45	4
4301 E01 3814	-	Kia	Pride (Y.M.) 3 Tırnak	Supap	İN	33.50	7.00	105.70		45	4
4301 E01 3815	-				EX	28.00	7.00	104.30		45	4












 FOR **MAZDA**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
401 E01 0242	0290 12 111C	Mazda	626 1.6/1.8	Supap	IN	42.00	8.00	108.60		45	4
401 E01 0243	D27Z 6505A				EX	33.00	8.00	107.10		45	4
403 E01 0488	RF01 12 111	Mazda	L2200/E2200 R2 (E.M.) Std./0.5k	Supap	IN	41.00	8.00	107.00		45	4
403 E01 0489	RF01 12 121				EX	36.00	8.00	106.80		45	4
403 E02 0491	011 10 280	Mazda	L2200/E2200 R2 (E.M.)	Gayd	IN	14.00	8.00	40.60			4
403 E02 0492	011 10 290				EX	14.00	8.00	37.60		4	
404 E01 0965	-	Mazda	E2200 (Y.M.) Std./0.5k	Supap	IN	39.40	8.00	106.80		30	4
404 E01 0966	-				EX	35.15	8.00	106.80		45	4
404 E02 3024	-	Mazda	E 2200 (Y.M.)	Gayd	IN	14.00	8.00	46.50			4
404 E02 3025	-				EX	14.00	8.00	41.50		4	
404 E03 0167	-	Mazda	E 2200 (Y.M.)	Baga	IN	43.00	35.00	8.00		30	4
404 E03 0168	-				EX	38.00	30.00	8.00		45	4
405 E01 0967	B541 12 111	Mazda	Familia 323 16V B6 89 Model 1600cc	Supap	IN	29.50	6.00	104.10		45	8
405 E01 0968	B6ZA 12 121				EX	23.50	6.00	105.00		45	8
406 E01 0969	BP05 12 111	Mazda	Familia 323 16V 94 Model 1900cc (BP-B5)	Supap	IN	33.00	6.00	102.00		45	8
406 E01 0970	BP05 12 121A				EX	28.10	6.00	102.00		45	8
406 E02 1168	B6Z0 10 280	Mazda	Familia 323 16V 94 Model 1900cc (B6-BP-B5)	Gayd	IN	11.00	6.00	48.60			8
406 E02 1169	B6Z0 10 290				EX	11.00	6.00	48.60		8	
407 E01 0971	F601 12 111A	Mazda	626 1600 82 Model (F6)	Supap	IN	41.00	8.00	111.80		45	4
407 E01 0972	F601 12 121				EX	34.00	8.00	111.60		45	4
407 E02 1170	8173-23-090	Mazda	626 1600 82 Model (F6)	Gayd	IN	14.00	8.00	55.00			4
407 E02 1170	8173-23-090				EX	14.00	8.00	55.00		4	
408 E01 0973	F801 12 111A	Mazda	626 1800/2000 Capella/Telstar (F8)	Supap	IN	44.00	8.00	111.90		45	4
408 E01 0974	F804 12 121A				EX	36.00	8.00	111.70		45	4
408 E02 1170	8173-23-090	Mazda	626 1800/2000 Capella/Telstar (F8)	Gayd	IN	14.00	8.00	55.00			4
408 E02 1170	8173-23-090				EX	14.00	8.00	55.00		4	
409 E01 0975	F501-12111C	Mazda	626 16V 2000cc (FS)	Supap	IN	31.60	6.00	89.90		45	8
409 E01 0976	F501-12121B				EX	27.50	6.00	89.90		45	8
409 E02 1171	FSY1-10-280	Mazda	626 16V 2000cc (FS)	Gayd	IN	11.00	6.00	38.00			8
409 E02 1171	FSY1-10-280				EX	11.00	6.00	38.00		8	
410 E01 0977	WL0112111	Mazda	B2500 12V Pick-Up Std./0.5k	Supap	IN	32.70	7.00	111.80		45	8
410 E01 0978	WL0112121				EX	35.60	7.00	111.80		45	4
410 E02 1172	WLY1-10-280	Mazda	B2500 12V Pick-Up	Gayd	IN	12.00	7.00	46.00			8
410 E02 1172	WLY1-10-280				EX	12.00	7.00	46.00		4	
411 E01 2013	0636 12 111	Mazda	E3000 (S2/XA)	Supap	IN	40.50	8.00	114.50		45	4
411 E01 2014	0527 12 121				EX	36.00	8.00	114.50		30	4
412 E01 3153	-	Mazda	626 16V Diesel	Supap	IN	29.70	6.00	115.30		45	8
412 E01 3154	-				EX	25.50	6.00	114.65		45	8
413 E01 3472	-	Mazda	B 2500 TCDI 16V (Y.M.)	Supap	IN	31.00	6.00	112.00		45	8
413 E01 3473	-				EX	28.00	6.00	111.90		45	8
413 E02 3495	-	Mazda	B 2500 TCDI 16V (Y.M.)	Gayd	IN	11.00	6.00	47.50			8
413 E02 3495	-				EX	11.00	6.00	47.50		8	
414 E01 0490	-	Mazda	121 16V	Supap	IN	25.50	6.00	108.30		45	8
414 E01 0491	-				EX	21.50	6.00	109.40		45	8
415 E01 3401	-	Mazda	2000i 16V 1998 Model ZL Motor	Supap	IN	29.00	6.00	91.00		45	8
415 E01 3402	-				EX	26.00	6.00	90.40		45	8




































FOR **MAZDA**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
416 E01 3405	-	Mazda	3 1600 16V 2004 Model Sonrası (Z6)	Supap	IN	29.20	5.50	97.15		45	8
416 E01 3406	-				EX	26.00	5.50	96.75		45	8
416 E02 3531	-	Mazda	3 1600 16V 2004 Model Sonrası (Z6)	Gayd	IN	11.00	5.50	39.00		45	8
416 E02 3531	-				EX	11.00	5.50	39.00		45	8
417 E01 3741	F201-12-111	Mazda	B 2000i 12V	Supap	IN	32.50	7.00	116.00		45	8
417 E01 3742	F201-12-121B				EX	34.00	7.00	116.20			45
418 E01 3947	TF2012111	Mazda	TF E4000	Supap	IN	47.00	9.00	119.70		45	4
418 E01 3948	TF2012121				EX	41.00	9.00	119.20			45
418 E02 0572	5 11721 001	Mazda	TF E4000	Gayd	IN	14.00	9.00	60.00		45	4
418 E02 0572	5 11721 001				EX	14.00	9.00	60.00		45	4
424 E01 1268	157G 6507 CE	Mazda	M6 2.0 16V	Supap	IN	35.50	5.50	103.30		45	8
424 E01 1269	157G 6505 EF				EX	30.00	5.50	104.60			45






































**FOR MITSUBISHI**
**OTOMOBİL**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
501 E01 0398	MD 083 661	Mitsubishi	L200/L300 (E.M.) Std./0.5k (4D56T)	Supap	IN	40.00	8.00	136.50		45	4
501 E01 0399	MD 083 662			EX	34.00	8.00	136.50		45	4	
502 E01 0500	ME 011 244	Mitsubishi	Canter Çift Teker Std./0.5k (4D30)	Supap	IN	44.00	9.00	137.00		45	4
502 E01 0501	ME 011 245			EX	37.00	9.00	137.00		45	4	
502 E02 0505	ME 031 886	Mitsubishi	Canter Çift Teker (4D30)	Gayd	IN	15.00	9.00	64.00			4
502 E02 0506	ME 031 888			EX	15.00	9.00	71.50			4	
502 E03 0120	ME 029 296	Mitsubishi	Canter Çift Teker (4D30)	Baga	IN	46.00	39.00	7.00		45	4
502 E03 0121	ME 029 005			EX	39.00	32.00	7.00			45	4
506 E01 0786	MD 198 403	Mitsubishi	L200/L300 (Y.M.) 95 Sonrası Std./0.5k (4D56)	Supap	IN	40.00	8.00	130.20		45	4
506 E01 0787	MD 198 405			EX	34.00	8.00	130.00		45	4	
506 E02 0498	MD 050 23	Mitsubishi	L200/L300 (Y.M.) 1995 Sonrası (4D56)	Gayd	IN	13.00	8.00	71.00			4
506 E02 0499	MD 050 27			EX	13.00	8.00	74.00			4	
506 E03 0165	-	Mitsubishi	L200/L300 (Y.M.) 1995 Sonrası (4D56)	Baga	IN	43.10	36.00	8.00		45	4
506 E03 0166	3130100593			EX	37.15	29.00	8.00			45	4
509 E01 3747	MR 984260	Mitsubishi	Lancer 1.6 16V (Y.M.)	Supap	IN	30.50	5.00	90.00		45	8
509 E01 3748	MR 984261			EX	25.40	5.00	91.00		45	8	
511 E01 3305	-	Mitsubishi	Karizma 1.6 16V	Supap	IN	30.00	6.00	102.75		45	8
511 E01 3306	-			EX	25.50	6.00	105.25		45	8	
511 E02 3534	MD 300702	Mitsubishi	Karizma 1.6 16V	Gayd	IN	11.00	6.00	45.50			8
511 E02 3673	MD 172530			EX	11.00	6.00	50.50			8	
513 E01 3166	ME 031 937	Mitsubishi	6D15/4D35 Std./0.5k	Supap	IN	49.00	9.00	137.00		45	4
513 E01 3167	ME 031 939			EX	42.00	9.00	137.00		45	4	
514 E01 2011	MD 170 691	Mitsubishi	4G62	Supap	IN	43.00	8.00	109.80		45	4
514 E01 2012	MD 070 683			EX	35.00	8.00	108.50		45	4	
515 E01 3164	ME 031 297	Mitsubishi	6D10 Std./0.5k	Supap	IN	47.00	9.00	137.00		45	4
515 E01 3165	ME 031 154			EX	40.00	9.00	137.00		45	4	
516 E01 0773	642 053 04 01	Mitsubishi	Colt 1.5 DID 12V	Supap	IN	28.50	6.00	102.30		45	6
516 E01 0774	642 050 05 27			EX	25.30	6.00	102.30		45	6	
517 E01 3679	-	Mitsubishi	Fuso Canter (511/711) (Y.M.)	Supap	IN	41.00	8.00	108.35		45	4
517 E01 3680	-			EX	35.00	8.00	108.40		45	4	
518 E01 3681	MN 176597	Mitsubishi	L200/L300 2500 16V (Y.M.) (D.I.D)	Supap	IN	31.50	6.00	107.60		45	8
518 E01 3682	MN 176598			EX	27.50	6.00	107.95		45	8	
519 E01 3757	-	Mitsubishi	4J64 Std./0.5k	Supap	IN	46.00	8.00	108.00		45	4
519 E01 3758	-			EX	38.00	8.00	106.00		45	4	
520 E01 3917	-	Mitsubishi	Lancer 1.6 16V (ASX)	Supap	IN	30.50	5.00	87.25		45	8
520 E01 3918	-			EX	25.35	5.00	88.50		45	8	
1142 E01 3973	-	Mitsubishi	C240	Supap	IN	40.20	8.00	115.35		45	4
1142 E01 3974	-			EX	34.10	8.00	115.45		45	4	
1144 E01 3990	-	Mitsubishi	S4S/S6S	Supap	IN	44.00	8.00	119.75		30	4
1144 E01 3991	-			EX	35.00	8.00	120.30		30	4	
1144 E02 3622	-	Mitsubishi	S4S/S6S	Gayd	IN	12.00	8.00	52.20			4
1144 E02 3622	-			EX	12.00	8.00	52.20			4	


 FOR **NISSAN**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
534 E01 4080	13201 AU300	Nissan	Primera/Almera 1.5/1.6/1.8 16V Benzinli 2003/2008 QG15DE/QG16DE/QG18DE	Supap	IN	30.00	5.50	94.40		45	8
534 E01 4081	13202 AU300				EX	25.00	5.50	94.70		45	8
536 E01 0059	13201 BN300	Nissan	Skystar/Navara 2.5/2.7 Çift kabin 16V (YD25)	Supap	IN	28.10	6.00	106.70		45	8
536 E01 0060	13202 BN300				EX	26.10	6.00	106.30		45	8
536 E02 3045	13212 AD260	Nissan	Skystar/Navara 2.5/2.7 Çift kabin 16V (YD25)	Gayd	IN	10.00	6.00	59.80			8
536 E02 3045	13213 AD260				EX	10.00	6.00	44.20			8
538 E01 0999	13201 16A00	Nissan	CD17 Langley 1.7	Supap	IN	36.00	7.00	100.90		45	4
538 E01 1000	13202 16A00				EX	31.00	7.00	100.90		45	4
540 E01 1005	-	Nissan	G14/G16 2000/2002 16V (QG16/QG18)	Supap	IN	30.00	5.50	92.30		45	8
540 E01 4088	-				EX	25.10	5.50	92.60		45	8
541 E01 1005	-	Nissan	Almera 1.5 2005 Model (QG15)	Supap	IN	30.00	5.50	92.30		45	8
541 E01 1006	-				EX	24.10	5.50	92.70		45	8
545 E01 1005	13201-57Y00	Nissan	Primera/Sunny 1.6 16V 1991-1994 Model G14-G16	Supap	IN	30.00	5.50	92.30		45	8
545 E01 1006	13202-57Y00				EX	24.00	5.50	92.60		45	8
545 E02 3535	1321253Y60	Nissan	Primera/Sunny 1.6 16V 91-94 Model G14-G16	Gayd	IN	9.50	5.50	40.00			8
545 E02 3535	1321353Y60				EX	9.50	5.50	40.00			8
546 E01 1007	13201-05E00	Nissan	LD20 Vanetta/Bluebird/ Sunny 2826cc	Supap	IN	39.30	8.00	118.20		45	4
546 E01 1008	13202-23E00				EX	32.00	8.00	118.20		45	4
546 E02 3460	13212-21010	Nissan	LD20 Vanetta/Bluebird/ Sunny 2826cc	Gayd	IN	12.00	8.00	59.00			4
546 E02 3461	13213-21010				EX	12.00	8.00	59.00			4
549 E01 4100	-	Nissan	Almera 1.5 2004-2008 Arası Micra 1.4 16V Tecna Vision	Supap	IN	29.00	5.50	94.50		45	8
549 E01 4101	-				EX	24.00	5.50	94.90		45	8
549 E02 3671	13212-53Y60	Nissan	Almera 1.5 2004-2008 Arası Micra 1.4 16V Tecna Vision	Gayd	IN	9.50	5.50	40.00			4
549 E02 3672	13213-53Y60				EX	9.50	5.50	40.00			4
550 E01 1015	13201 44G00	Nissan	TD 25 Std./0.5k	Supap	IN	41.50	8.00	117.00		45	4
550 E01 1016	13202 44G00				EX	37.00	8.00	117.00		45	4
550 E02 1189	13212 54T00	Nissan	TD 25	Gayd	IN	12.00	8.00	47.00			4
550 E02 1189	13212 54T00				EX	12.00	8.00	47.00			4
551 E01 1017	13201 G2403	Nissan	TD 27 Terrano Std./0.5k	Supap	IN	43.50	8.00	117.00		45	4
551 E01 1018	13202 G2403				EX	38.00	8.00	117.00		45	4
551 E02 1189	13212 43G01	Nissan	TD27 Terrano	Gayd	IN	12.00	8.00	47.00			4
551 E02 1189	13212 43G01				EX	12.00	8.00	47.00			4
555 E01 3176	-	Nissan	Primera/Sunny	Supap	IN	34.00	6.00	101.60		45	4
555 E01 3177	-				EX	30.00	6.00	102.30		45	4
558 E01 0470	13201 9C600	Nissan	Vanetta LD23	Supap	IN	41.50	8.00	118.00		30	4
558 E01 0471	13202 9C601				EX	33.00	8.00	117.55		45	4
558 E02 3035	13212-21010	Nissan	Vanetta LD23	Gayd	IN	12.00	8.00	59.10			4
558 E02 3035	13212-21010				EX	12.00	8.00	59.10			4


**FOR NISSAN**
**OTOMOBİL**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
559 E01 1017	13201 43G01	Nissan	3.0 Std./0.5k	Supap	IN	43.50	8.00	117.00		45	4
559 E01 1018	13202 31N01				EX	38.00	8.00	117.00		45	4
559 E02 1189	13212 43G01	Nissan	3.0	Gayd	IN	12.00	8.00	47.00			4
559 E02 1189	13212 43G01				EX	12.00	8.00	47.00			4
560 E01 3629	13201-ED000/00C	Nissan	Qashqai 1.6 16V Benzinli	Supap	IN	31.20	5.00	101.70		45	8
560 E01 3630	13202-ED000/00C				EX	25.50	5.00	102.30		45	8
560 E02 3577	-	Nissan	Qashqai 1.6 16V Benzinli	Gayd	IN	9.00	5.00	41.50			8
560 E02 3577	-				EX	9.00	5.00	41.50			8
562 E01 3863	-	Nissan	Datsun Pick-Up 1.8 8V	Supap	IN	42.00	8.00	115.70		45	4
562 E01 3864	-				EX	35.10	8.00	117.50		45	4
564 E01 3924	13201-BC000	Nissan	Note/Micra 1.2/1.4 16V (1CR12DE)(K12) Benzinli	Supap	IN	27.60	5.50	98.00		45	8
564 E01 3925	13202-BC000				EX	23.00	5.50	98.00		45	8
565 E01 3934	13201-VJ200	Nissan	D22 AX Frontier 2.0/2.4 16V Pick-Up	Supap	IN	36.60	7.00	101.40		45	8
565 E01 3935	13202-VJ200				EX	31.30	7.00	99.00		45	8
567 E01 4120	13201-21201	Nissan	Almera 2.0 16V (SR20DEP11)	Supap	IN	34.00	6.00	98.40		45	8
567 E01 4121	13202-21201				EX	30.00	6.00	99.30		45	8
568 E01 4166	-	Nissan	X-Trail QR 20 2.0 16V Benzinli	Supap	IN	35.70	6.00	97.20		45	8
568 E01 4167	-				EX	30.60	6.00	98.80		45	8






**FOR SUZUKI**
**OTOMOBİL**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
779 E01 3575	-	Suzuki	Grand Vitara 2.0 16V Diesel	Supap	IN	29.80	6.00	106.15		45	8
779 E01 3576	-				EX	25.00	6.00	106.10		45	8
780 E01 3488	-	Suzuki	Vitara 2.0 16V Benzinli	Supap	IN	33.00	6.00	93.80		45	8
780 E01 3489	-				EX	27.90	6.00	93.80		45	8
780 E02 3381	-	Suzuki	Vitara 2.0 16V Benzinli	Gayd	IN	11.00	6.00	32.00			8
780 E02 3381	-				EX	11.00	6.00	32.00			8
781 E01 0314	12911 82000	Suzuki	SJ413 Carry/Alto 1000/1300 (F10A-G10)	Supap	IN	36.00	7.00	115.50		45	4
781 E01 0315	12915 82000				EX	30.00	7.00	114.50		45	4
781 E02 0618	11115 82000	Suzuki	SJ413 Carry/Alto 1000/1300 (F10A-G10)	Gayd	IN	12.00	7.00	48.00			4
781 E02 0618	11115 82000				EX	12.00	7.00	48.00			4
782 E01 0316	12911 84000	Suzuki	SJ410 800cc (LJ50)	Supap	IN	31.70	7.00	110.00		45	4
782 E01 0317	12915 84000				EX	27.70	7.00	109.80		45	4
784 E01 1072	12911-71C00	Suzuki	Swift 1.3 / 1.6 GXI / Vitara GTI 16V	Supap	IN	29.20	5.50	92.20		45	8
784 E01 1073	12915-71C50				EX	25.00	5.50	79.90		45	8
784 E02 3382	1115-60B11-001	Suzuki	Swift 1.3 / 1.6 GXI / Vitara GTI 16V	Gayd	IN	11.00	5.50	32.00			8
784 E02 3382	1115-60B11-001				EX	11.00	5.50	32.00			8
786 E01 1070	-	Suzuki	SJ Alto (539cc/797cc) Jimny SJ30 Carry/Fronte	Supap	IN	31.60	7.00	110.00		45	3
786 E01 1071	-				EX	27.60	7.00	109.50		45	3
788 E01 3433	12911-85FA0	Suzuki	Vitara 2.0 V6 16V	Supap	IN	30.00	6.00	86.20		45	8
788 E01 3434	12911-85FA0				EX	25.00	6.00	86.00		45	8
789 E01 3573	-	Suzuki	Vitara/Swift 1.4 16V Benzinli 4x4 M13A Motor	Supap	IN	30.00	5.50	100.70		45	8
789 E01 3574	-				EX	25.00	5.50	98.90		45	8

**FOR SUBARU**
**OTOMOBİL**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
770 E01 3843	13201-AA420	Subaru	Impreza 1.6 Eng. EJ16 16V	Supap	IN	32.50	6.00	121.60		45	8
770 E01 3844	13202-AA430				EX	28.50	6.00	121.70		45	8
8400 E01 3859	13201-AA371	Subaru	Impreza WRX Eng. EJ20T 16V	Supap	IN	36.00	6.00	104.60		45	8
8400 E01 3860	13202-AA411				EX	32.00	6.00	104.70		45	8
8401 E01 3878	-	Subaru	1.5 16V (Y.M.) Benzinli	Supap	IN	29.50	6.00	105.00		45	8
8401 E01 3879	-				EX	24.30	6.00	106.00		45	8
8402 E01 4050	13201-AA351	Subaru	Forester 2.0i 16V Eng. EJ20J	Supap	IN	34.00	6.00	121.00		45	8
8402 E01 4051	13202-AA361				EX	30.00	6.00	121.70		45	8
8403 E01 4109	13201-AA180	Subaru	Legacy 1.8 16V	Supap	IN	31.00	6.00	101.00		45	8
8403 E01 4110	13202-AA161				EX	27.00	6.00	101.20		45	8


**FOR PROTON**
**OTOMOBİL**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
570 E01 3394	-	Proton	1.6/1.8 16V (2000 Öncesi)	Supap	IN	30.00	6.00	110.20		45	8
570 E01 3395	-				EX	27.00	6.00	113.65		45	8
572 E01 3558	-	Proton	Gen 2	Supap	IN	30.90	5.00	101.20		45	8
572 E01 3559	-				EX	26.60	5.00	100.40		45	8

**FOR CHERY**
**OTOMOBİL**
















Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
1135 E01 3905	-	Chery	Chery 1.6 16V	Supap	IN	30.30	6.00	108.10		45	8
1135 E01 3906	-				EX	25.00	6.00	117.40		45	8

**FOR ROVER**
**OTOMOBİL**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
386 E01 3119	ETC4067	Rover	88/90/109/110 3 Tınak	Supap	IN	44.40	8.00	111.80		30	4
386 E01 3120	ETC5866				EX	35.10	9.00	111.40		45	4
387 E01 3121	277593	Rover	Tek Tınak	Supap	IN	44.50	8.00	111.30		30	4
387 E01 3122	557967				EX	35.00	9.00	111.25		45	4
389 E01 3339	ERR 1157	Rover	2.5L Turbo Discovery	Supap	IN	39.50	8.00	116.50		30	4
389 E01 3340	ERR 1156				EX	36.50	8.00	116.50		45	4
965 E01 0010	LGH10029	Rover	214/414 SLI/GSI 1.4 16V (K16)	Supap	IN	27.70	6.00	89.60		45	8
965 E01 0011	LGH100820				EX	24.10	6.00	90.00		45	8
965 E02 0967	WAM1452	Rover	214/414 SLI/GSI 1.4 16V (K16)	Gayd	IN	9.80	6.00	30.00		8	8
965 E02 0967	WAM1452				EX	9.80	6.00	30.00		8	8
966 E01 1218	LGH101060	Rover	820 SI 2.0 16V (M16I)	Supap	IN	31.80	7.00	110.80		45	8
966 E01 1219	LGH101140				EX	29.30	7.00	110.80		45	8
966 E02 3357	LGJ 100 540	Rover	820 SI 2.0 16V (M16I)	Gayd	IN	12.00	7.00	46.80		8	8
966 E02 3666	LGJ 100 550				EX	12.00	7.00	51.30		8	8
967 E01 1220	LGH10064	Rover	1.8 16V 200 Series (WC)	Supap	IN	31.60	6.00	89.60		45	8
967 E01 1221	LGH10065				EX	27.40	6.00	90.00		45	8
4800 E01 0109	-	Rover	Freelander 2.0 16V Diesel TD4	Supap	IN	26.00	6.00	100.00		45	8
4800 E01 0109	-				EX	26.00	6.00	100.00		45	8
4800 E02 3040	-	Rover	Freelander 2.0 16V Diesel TD4	Gayd	IN	10.70	6.00	39.40		8	8
4800 E02 3040	-				EX	10.70	6.00	39.40		8	8
4801 E01 3857	LGH100990	Rover	Freelander 2.0 TCI 8V	Supap	IN	37.20	7.00	86.70		45	4
4801 E01 3858	LGH100980				EX	32.50	7.00	86.70		45	4
4803 E01 4092	131281	Rover	Sport Discovery 2.7 TD V6 24V	Supap	IN	27.80	6.00	97.10		45	12
4803 E01 4093	131637				EX	25.20	6.00	96.40		45	12
4804 E01 4107	0948.E5	Rover	Freelander 2.2 HDI 16V	Supap	IN	27.20	6.00	95.80		45	8
4804 E01 4108	0949.E1				EX	25.00	6.00	95.00		45	8


 FOR **TOYOTA**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
790 E01 3504	13711 23030	Toyota	Yaris 1.0 16V VISZ-FE	Supap	IN	26.00	5.00	88.20		45	8
790 E01 3505	13715 23030				EX	22.60	5.00	89.10		45	8
790 E02 3498	11122 21010	Toyota	Yaris 1.0 16V VISZ-FE	Gayd	IN	9.70	5.00	34.50			8
790 E02 3498	11122 21010				EX	9.70	5.00	34.50			8
791 E01 0318	13711 54020	Toyota	Hilux/Cressida Tek Tırnak (3L)	Supap	IN	42.50	8.00	103.50		45	4
791 E01 0319	13715 54040				EX	36.00	8.00	103.50		45	4
791 E02 1127	11122 67020	Toyota	Hilux/Cressida 1988 Model (3L)	Gayd	IN	13.00	8.00	40.00			4
791 E02 1128	11122 67020				EX	13.00	8.00	40.00			4
792 E01 0321	13711 15050	Toyota	Corolla 1.6 16V Karbiratörlü (4AF)	Supap	IN	29.90	6.00	91.50		45	8
792 E01 0322	13715 15030				EX	24.50	6.00	92.00		45	8
792 E02 1132	11122 16020	Toyota	Corolla 1.6 16V (4AF)	Gayd	IN	11.00	6.00	40.50			8
792 E02 1132	11122 16020				EX	11.00	6.00	40.50			8
793 E01 0323	13711 10010	Toyota	Corolla 1.3 12V (1EL3)	Supap	IN	21.00	6.00	98.60		45	8
793 E01 0325	13715 10030				EX	31.00	6.00	92.30		45	4
793 E02 1132	11122 10040	Toyota	Corolla 1.3 12V (1EL3)	Gayd	IN	11.00	6.00	40.50			8
793 E02 1132	11122 10040				EX	11.00	6.00	40.50			4
794 E01 3494	13711 33030	Toyota	1.4 D4D 8V Diesel	Supap	IN	30.40	6.00	100.15		45	4
794 E01 3495	13715 33040				EX	28.00	6.00	99.90		45	4
794 E02 1132	11122 16020	Toyota	1.4 D4D 8V Diesel	Gayd	IN	11.00	6.00	40.50			4
794 E02 1132	11122 16020				EX	11.00	6.00	40.50			4
795 E01 1076	13711 54010	Toyota	Hilux/Hiace 3 Tırnak	Supap	IN	42.60	8.50	123.00		45	4
795 E01 1077	13715 54020				EX	35.00	8.50	122.80		45	4
795 E02 0621	11122-54011	Toyota	Hilux/Hiace 3 Tırnak	Gayd	IN	14.00	8.50	61.00			4
795 E02 0621	11122-54011				EX	14.00	8.50	61.00			4
796 E01 3351	13711 74101	Toyota	Avenis/Picnic RAV4 2.0 16V (3S-FE)	Supap	IN	32.00	6.00	97.50		45	8
796 E01 3352	13715 74100				EX	27.00	6.00	98.50		45	8
796 E02 3527	11122 15030	Toyota	Avenis/Picnic RAV4 2.0 16V (3S-FE)	Gayd	IN	11.00	6.00	38.50			8
796 E02 3527	11122 15030				EX	11.00	6.00	38.50			8
798 E01 1080	13711 02050	Toyota	Corolla 1.6 16V Enjeksiyonlu (4AFE)	Supap	IN	31.00	6.00	87.50		45	8
798 E01 1081	13715 16060				EX	24.50	6.00	87.90		45	8
798 E02 1132	11122 16020	Toyota	Corolla 1.6 16V Enjeksiyonlu (4AFE)	Gayd	IN	11.00	6.00	40.50			8
798 E02 1132	11122 16020				EX	11.00	6.00	40.50			8
799 E01 1082	13711-74040	Toyota	Corona 16V 2.0 (3SFE) 1987 Model	Supap	IN	32.00	6.00	100.60		45	8
799 E01 1083	13715-74020				EX	27.20	6.00	100.50		45	8
800 E01 0388	13711-15090	Toyota	Avenis/Corolla 1.6 16V (4AFE)	Supap	IN	31.10	6.00	87.50		45	8
800 E01 0389	13715-16060				EX	24.50	6.00	87.90		45	8
801 E01 2015	13711-71010	Toyota	2Y/3Y Std./0.5k	Supap	IN	40.00	8.00	108.30		45	4
801 E01 2016	13715-71010				EX	36.00	8.00	108.60		45	4


 FOR **TOYOTA**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
802 E01 3398	13711 28010	Toyota	Avensis/Rav4 2.0 16V 2000 Sonrası (1AZ-FSE)	Supap	IN	33.90	5.50	101.70		45	8
802 E01 3399	13715 28010				EX	29.50	5.50	101.10		45	8
802 E02 3529	11122 20030	Toyota	Avensis/Rav4 2.0 16V 2000 Sonrası (1AZ-FSE)	Gayd	IN	10.00	5.50	34.50		45	8
802 E02 3529	11122 20030				EX	10.00	5.50	34.50		45	8
803 E01 0040	13711 OD020	Toyota	Corolla 1.4/1.6/1.8 VTI 16V	Supap	IN	31.00	5.50	88.70		45	8
803 E01 0041	13715 22040				EX	26.00	5.50	88.70		45	8
803 E02 3034	11122 20020	Toyota	Corolla 1.4/1.6/1.8 VTI 16V	Gayd	IN	10.30	5.50	34.50		45	8
803 E02 3034	11122 20020				EX	10.30	5.50	34.50		45	8
804 E01 3423	-	Toyota	Corolla/Terra Enjeksiyonlu 1.3 16V	Supap	IN	28.50	6.00	93.60		45	8
804 E01 3424	-				EX	24.50	6.00	94.00		45	8
804 E02 1132	11122 10040	Toyota	Corolla/Terra Enjeksiyonlu 1.3 16V	Gayd	IN	11.00	6.00	40.50		45	8
804 E02 1132	11122 10040				EX	11.00	6.00	40.50		45	8
805 E01 3577	-	Toyota	Hilux 2.5 16V (Y.M.) D4D	Supap	IN	30.46	6.00	105.50		45	8
805 E01 3578	-				EX	26.50	6.00	105.70		45	8
806 E01 3585	13711 27010	Toyota	Avensis 2.0 16V Diesel Corolla 2.0 16V (1998 Sonrası)	Supap	IN	28.00	6.00	102.45		45	8
806 E01 3586	13715 27010				EX	24.00	6.00	101.85		45	8
806 E02 3522	11122 27010	Toyota	Avensis 2.0 16V Diesel Corolla 2.0 16V (1998 Sonrası)	Gayd	IN	11.00	6.00	40.60		45	8
806 E02 3522	11122 27010				EX	11.00	6.00	40.60		45	8
807 E01 3593	-	Toyota	Corolla 1.6 16V (Y.M.) (2007 Sonrası) Benzinli	Supap	IN	32.00	5.50	109.35		45	8
807 E01 3594	-				EX	27.50	5.50	108.25		45	8
808 E01 3595	-	Toyota	Land Cruiser 6 CYL BJ60 3F Motor 12V	Supap	IN	45.80	8.00	124.50		45	6
808 E01 3596	-				EX	37.55	8.00	125.20		45	6
809 E01 4019	-	Toyota	Corolla/Auris 1.33 Life 16V (Y.M.)	Supap	IN	29.00	5.50	103.40		45	8
809 E01 4020	-				EX	24.25	5.50	104.50		45	8
8710 E01 4098	-	Toyota	Land Cruiser 24V	Supap	IN	33.00	7.00	127.20		45	12
8710 E01 4099	-				EX	30.50	7.00	126.50		45	12

 FOR **CITROËN**

OTOMOBİL


Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
323 E01 4107	0948.E5	Citroën	C5 2.2 HDI 16V	Supap	IN	27.20	6.00	95.80		45	8
323 E01 4108	0949.E1				EX	25.00	6.00	95.00		45	8
324 E01 0340	0948.74	Citroën	Saxo/Xsara 1.5 D SX (TUD 5)	Supap	IN	37.00	7.00	108.55		45	4
324 E01 0341	0949.80				EX	31.50	7.00	108.30		45	4
324 E02 3058	0220.79	Citroën	Saxo/Xsara 1.5 D SX (TUD 5)	Gayd	IN	13.00	7.00	40.20		45	4
324 E02 3058	0220.79				EX	13.00	7.00	40.20		45	4
326 E01 0280	96 095 457	Citroën	XM TD 2.5 VSX 12V	Supap	IN	36.90	7.00	127.90		45	8
326 E01 0284	96 096 146				EX	36.90	7.00	127.50		45	4
328 E01 0285	0948.59	Citroën	Berlingo 1.9D / XSara SX 1.9 TD / BX 1.9D	Supap	IN	38.50	8.00	112.40		45	4
328 E01 0286	0949.73				EX	33.00	8.00	111.90		45	4
330 E01 1039	0948.46	Citroën	BX 17D / BX 1.9D	Supap	IN	38.00	8.00	112.40		45	4
330 E01 0286	0949.73				EX	33.00	8.00	111.90		45	4
331 E01 4001	9676359080	Citroën	C3-DS3 C-Elysee 1.0 12V Eng. EB2/EB2M	Supap	IN	29.10	5.00	92.60		45	4
331 E01 4002	9676359180				EX	26.00	5.00	91.90		45	4


**FOR PEUGEOT**
**OTOMOBİL**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
654 E01 3336	0948.95	Peugeot	Partner 2.0 HDI 206/306 406/806 (DW10)	Supap	IN	35.60	6.00	107.10		45	4
654 E01 3337	0949.96				EX	33.80	6.00	107.10		45	4
654 E02 0500	0220-A2	Peugeot	Partner 2.0 HDI 206/306 406/806 (DW10)	Gayd	IN	10.00	6.00	41.50		4	
654 E02 0500	0220-A2				EX	10.00	6.00	41.50		4	
655 E01 0240	0948.92	Peugeot	306/406 1.8/2.0 16V ST	Supap	IN	34.60	6.00	106.40		45	8
655 E01 0241	0949.92				EX	29.60	6.00	105.80		45	8
656 E01 0248	0949.C7	Peugeot	206/307/406 1.6 16V HDI (DW6)	Supap	IN	25.60	5.50	96.50		45	8
656 E01 0249	0949.C3				EX	23.40	5.50	96.60		45	8
656 E02 3036	-	Peugeot	206/307/406 1.6 16V HDI (DW6)	Gayd	IN	9.50	5.50	34.00		8	
656 E02 3036	-				EX	9.50	5.50	34.00		8	
657 E01 3463	-	Peugeot	407 2.0 16V Diesel	Supap	IN	29.90	6.00	104.95		45	8
657 E01 3464	-				EX	25.00	6.00	104.95		45	8
658 E01 3637	0948.F9	Peugeot	407 1.6 16V Benzinli 2010 (Y.M.)	Supap	IN	30.00	5.00	97.00		45	8
658 E01 3638	0949.F6				EX	25.20	5.00	110.75		45	8
658 E02 3587	-	Peugeot	407 1.6 16V Benzinli 2010 (Y.M.)	Gayd	IN	9.00	5.00	41.00		8	
658 E02 3587	-				EX	9.00	5.00	41.00		8	
659 E01 3986	0948.E8	Peugeot	207/308/3008/RS DTS EP6	Supap	IN	29.00	5.00	105.80		45	8
659 E01 3987	0949.E2				EX	26.00	5.00	110.20		45	8
676 E01 0889	-	Peugeot	Boxer Sofim 2.8 HDI	Supap	IN	41.00	8.00	121.00		30	4
676 E01 2010	-				EX	36.10	8.00	122.00		45	4
676 E02 0564	4 749 395	Peugeot	Boxer Sofim 2.8 HDI	Gayd	IN	13.00	8.00	56.00		4	
676 E02 0564	4 749 395				EX	13.00	8.00	56.00		4	
677 E01 0274	0948.53	Peugeot	J9 2.5 Diesel Std./0.5k (XD3P)	Supap	IN	42.50	8.50	116.20		45	4
677 E01 0275	0949.50				EX	35.50	8.50	116.50		45	4
677 E02 0525	0220.16	Peugeot	J9 2.5 Diesel Pik (XD3P)	Gayd	IN	14.00	8.50	55.00		4	
677 E02 0525	0220.16				EX	14.00	8.50	55.00		4	
677 E02 0526	0220.45	Peugeot	J9 2.5 Diesel Bronz (XD3P)	Gayd	IN	14.00	8.50	55.00		4	
677 E02 0526	0220.45				EX	14.00	8.50	55.00		4	
678 E01 0276	0948.81	Peugeot	J9 2.5 Yeşil Motor Std./0.5k	Supap	IN	42.50	8.50	116.20		45	4
678 E01 0277	0949.86				EX	35.50	8.50	116.20		45	4
678 E02 0526	0220.45	Peugeot	J9 2.5 Yeşil Motor Bronz	Gayd	IN	14.00	8.50	55.00		4	
678 E02 0526	0220.45				EX	14.00	8.50	55.00		4	
679 E01 0278	0948.84	Peugeot	Boxer 2.5 1400-1800TD (DJ5 TED)	Supap	IN	41.00	7.00	115.70		45	4
679 E01 0279	0949.90				EX	37.80	7.00	115.30		45	4
679 E02 0524	0220.94	Peugeot	Boxer 2.5 1400-1800TD Bronz (DJ5 TED)	Gayd	IN	13.00	7.00	43.10		4	
679 E02 0524	0220.94				EX	13.00	7.00	43.10		4	
681 E01 0285	0948.59	Peugeot	Partner 1900 Diesel Std./0.5k (XUD9-DW8)	Supap	IN	38.50	8.00	112.40		45	4
681 E01 0286	0948.73/60				EX	33.00	8.00	111.90		45	4
681 E02 0539	0220.75	Peugeot	Partner 1900 Diesel Bronz (XUD9-DW8)	Gayd	IN	14.00	8.00	52.20		4	
681 E02 0539	0220.75				EX	14.00	8.00	52.20		4	
683 E01 0355	0948.56	Peugeot	405 1600/1800	Supap	IN	41.50	8.00	108.80		45	4
683 E01 0356	0949.57				EX	34.50	8.00	108.40		45	4
683 E02 0533	0220.64	Peugeot	405 1600/1800	Gayd	IN	13.00	8.00	38.70		4	
683 E02 0533	0220.72				EX	13.00	8.00	45.00		4	




**FOR PEUGEOT**
**OTOMOBİL**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
684 E01 0357	0948.55	Peugeot	504	Supap	IN	42.50	8.00	118.70		30	4
684 E01 0358	0949.55				EX	35.50	8.00	112.00		45	4
684 E02 0535	0220.61	Peugeot	504	Gayd	IN	14.30	8.00	55.00			4
684 E02 0535	0220.61				EX	14.30	8.00	55.00			
685 E01 3190	0948.91	Peugeot	106/206/306 1.4 8V (TU3JP)	Supap	IN	36.80	7.00	112.70		45	4
685 E01 3191	0949.59				EX	29.30	7.00	112.60			
685 E01 3621	0948.58	Peugeot	106/206/306 1.4 8V (TU3JP)	Supap	IN	36.80	7.00	112.70		30	4
685 E01 3191	0949.59				EX	29.30	7.00	112.60			
685 E02 3350	0220.59	Peugeot	106/206/306 1.4 8V (TU3JP) Bronz	Gayd	IN	13.00	7.00	47.50			4
685 E02 3350	0220.59				EX	13.00	7.00	47.50			
685 E02 3506	0220.59	Peugeot	106/206/306 1.4 8V (TU3JP) Pink	Gayd	IN	13.00	7.00	47.50			4
685 E02 3506	0220.59				EX	13.00	7.00	47.50			
691 E01 1154	0948.54	Peugeot	405 1900 Karbiritörlü	Supap	IN	39.50	8.00	105.20		45	4
691 E01 1155	0949.54				EX	33.00	8.00	105.20			
692 E01 1093	0948.99	Peugeot	206/307/406/806/2.0 16V	Supap	IN	33.30	6.00	106.20		45	8
692 E01 1093	0949.99				EX	29.00	6.00	103.60			
693 E01 1105	0948.83	Peugeot	106 1.6 16V (TU5J4)	Supap	IN	28.75	6.00	104.65		45	8
693 E01 1106	0949.89				EX	24.50	6.00	104.40			
693 E02 0523	0220.95	Peugeot	106 1.6 16V Bronz (TU5J4)	Gayd	IN	11.00	6.00	40.00			8
693 E02 0523	0220.95				EX	11.00	6.00	40.00			
694 E01 1107	0948.A9	Peugeot	307 1.6 16V Benzinli (TU5JP4)	Supap	IN	31.20	6.00	103.80		45	8
694 E01 1108	0949.A8				EX	24.50	6.00	104.40			
694 E02 3054	0220.95	Peugeot	307 1.6 16V Benzinli Bronz (TU5JP4)	Gayd	IN	11.00	6.00	40.00			8
694 E02 3054	0220.95				EX	11.00	6.00	40.00			
695 E01 3664	0948.93	Peugeot	206 1.6i TU5JP 8V	Supap	IN	39.40	7.00	111.70		45	4
695 E01 3665	0949.70				EX	31.30	7.00	111.50			
695 E02 3031	0220-59	Peugeot	206 1.6i TU5JP 8V	Gayd	IN	13.00	7.00	47.50			4
695 E02 3031	0220-59				EX	13.00	7.00	47.50			
696 E01 4001	9676359080	Peugeot	1.0 12V 301/308/208/2008 Eng. EB2/EB2M	Supap	IN	29.10	5.00	92.60		45	4
696 E01 4002	9676359180				EX	26.00	5.00	91.90			
697 E01 3474	0948.C8	Peugeot	206/307 Benzinli 1.4 16V (Y.M.) (ET3J4)	Supap	IN	28.30	5.50	100.70		45	8
697 E01 3475	0949.C4				EX	24.40	5.50	101.00			
697 E02 0501	-	Peugeot	206/307 Benzinli 1.4 16V (Y.M.) (ET3J4)	Gayd	IN	9.50	5.50	34.00			8
697 E02 0501	-				EX	9.50	5.50	34.00			
698 E01 1226	0948.C2	Peugeot	307 1.4 HDI Diesel 8V (DV4)	Supap	IN	32.90	5.50	97.40		45	4
698 E01 1227	0949.B1				EX	30.40	5.50	97.40			
698 E02 3036	-	Peugeot	307 1.4 HDI Diesel 8V (DV4)	Gayd	IN	9.50	5.50	34.00			4
698 E02 3036	-				EX	9.50	5.50	34.00			
699 E01 3810	0948.F7	Peugeot	208/308/508 1.4 DV4C 1.6 DV6C HDI Euro 5	Supap	IN	30.15	5.50	95.50		45	4
699 E01 3811	0949.F5				EX	27.40	5.50	95.50			
6650 E01 4107	0948.E5	Peugeot	4007 2.2 HDI 16V (DW12BTED4)	Supap	IN	27.20	6.00	95.80		45	8
6650 E01 4108	0949.E1				EX	25.00	6.00	95.00			

FOR **TATA**

OTOMOBİL

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
819 E01 3735	278905129001	Tata	Xenon 2.2 16V (Y.M.) Diesel	Supap	IN	29.80	6.00	101.45		45	8
819 E01 3736	278905129002				EX	25.90	6.00	101.30		45	8
819 E02 0516	4500633	Tata	Xenon 2.2 16V (Y.M.) Diesel	Gayd	IN	10.00	6.00	45.00		45	8
819 E02 0516	4500633				EX	10.00	6.00	45.00		8	
820 E01 3453	279005125104	Tata	Indica 1.4 8V Diesel	Supap	IN	36.00	7.00	109.00		45	4
820 E01 3454	279005125105				EX	30.40	7.00	109.00			45
820 E02 3391	-	Tata	Indica 1.4 8V Diesel	Gayd	IN	13.00	7.00	43.50		45	4
820 E02 3391	-				EX	13.00	7.00	43.50		4	
821 E01 3020	254705125114-1	Tata	Telcoline 1.9 Diesel	Supap	IN	38.50	8.00	112.50		45	4
821 E01 3021	254705125113-1				EX	33.00	8.00	112.50			45
821 E02 3390	-	Tata	Telcoline 1.9 Diesel Bronz	Gayd	IN	14.00	8.00	48.00		45	4
821 E02 3390	-				EX	14.00	8.00	48.00		4	
822 E01 4016	-	Tata	Indigo 1.4 16V Euro 4	Supap	IN	25.80	6.00	102.95		45	8
822 E01 4017	-				EX	22.60	6.00	103.05			45

FOR **FIAT**

TRAKTÖR

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
091 E01 0133	4659379	Fiat	50 NC Std./0.5k	Supap	IN	43.90	8.00	125.75		45	4
091 E01 0134	4673608				EX	36.90	8.00	125.65		45	4
091 E02 0562	4802126	Fiat	50 NC	Gayd	IN	14.00	8.00	56.00			4
091 E02 0562	4802126				EX	14.00	8.00	56.00			4
092 E01 0135	4621511	Fiat	480/640 Std./0.5k	Supap	IN	43.90	8.00	125.75		45	4
092 E01 0134	4673608				EX	36.90	8.00	125.65		45	4
092 E02 0562	4802126	Fiat	480/640	Gayd	IN	14.00	8.00	56.00			4
092 E02 0562	4802126				EX	14.00	8.00	56.00			4
093 E01 0136	4784888	Fiat	Iveco 65.9/8060/85.12 Std./0.5k	Supap	IN	45.40	8.00	125.75		30	4
093 E01 0137	4784889				EX	37.60	8.00	125.75		45	4
093 E02 0562	4802126	Fiat	Iveco 65.9/8060/85.12	Gayd	IN	14.00	8.00	56.00			4
093 E02 0562	4802126				EX	14.00	8.00	56.00			4
093 E03 0223	98474128	Fiat	Iveco 65.9/8060/85.12	Baga	IN	47.65	37.00	9.00			30
093 E03 0224	98495493				EX	39.15	31.00	8.00			40
094 E01 3047	8824754	Fiat	Allis FL 14C	Supap	IN	48.40	8.00	138.00		45	6
094 E01 3048	8825776				EX	40.50	8.00	137.80		45	6
094 E02 3645	4758798	Fiat	Allis FL 14C	Gayd	IN	14.00	8.00	62.20			6
094 E02 3646	4758794				EX	14.00	8.00	55.10			6
095 E01 0140	4579416	Fiat	411/415/615 Std./0.5k	Supap	IN	39.50	9.00	130.70		45	4
095 E01 0141	4579417				EX	34.50	9.00	130.70		45	4
095 E02 0406	561288	Fiat	415/615	Gayd	IN	15.00	9.00	59.00			4
095 E02 0407	561289				EX	15.00	9.00	69.00			4
106 E01 0555	8823545	Fiat	130NT (Somega)	Supap	IN	43.00	8.00	138.00		45	4
106 E01 0559	8823544				EX	36.50	8.00	138.00		45	4
106 E02 3645	4758798	Fiat	130NT (Somega)	Gayd	IN	14.00	8.00	62.20			4
106 E02 3646	4758794				EX	14.00	8.00	55.10			4
110 E01 3039	4684088	Fiat	684	Supap	IN	51.20	10.00	160.90		45	6
110 E01 3040	4684089				EX	45.10	10.00	160.90		45	6
110 E02 3542	4647838	Fiat	684	Gayd	IN	17.00	10.00	80.00			6
110 E02 3543	4647842				EX	17.00	10.00	70.00			6
2756 E01 3691	4895052	Fiat	Iveco Euro Cargo (60E13-65E13)	Supap	IN	33.10	7.00	124.80		30	6
2756 E01 3692	4895051				EX	32.80	7.00	124.40		45	6
2756 E03 0203	3943449	Fiat	Iveco Euro Cargo (60E13-65E13)	Baga	IN	34.92	27.90	5.75			30
2756 E03 0204	3943450				EX	34.92	27.90	5.75			45


 FOR **FORD**

TRAKTÖR





Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
192 E01 0164	D3NN 6507 A	Ford	Traktör 3000/5000 Sap Std./0.5k	Supap	IN	45.80	9.40	146.00		45	4
192 E01 0165	C5NE 6505 A				EX	38.30	9.40	146.00		45	4
192 E01 0164.2	D3NN 6507 A	Ford	Traktör 3000/5000 Sap 0.003 Std./0.5k	Supap	IN	45.80	9.49	146.00		45	4
192 E01 0165.2	C5NE 6505 A				EX	38.30	9.49	146.00		45	4
192 E01 0164.4	D3NN 6507 A	Ford	Traktör 3000/5000 Sap 0.010 Std./0.5k	Supap	IN	45.80	9.65	146.00		45	4
192 E01 0165.4	C5NE 6505 A				EX	38.30	9.65	146.00		45	4
192 E01 0164.7	D3NN 6507 A	Ford	Traktör 3000/5000 Sap 0.015 Std./0.5k	Supap	IN	45.80	9.80	146.00		45	4
192 E01 0165.7	C5NE 6505 A				EX	38.30	9.80	146.00		45	4
192 E02 0474	-	Ford	Traktör 2000/3000/5000 (2504 E)	Gayd	IN	15.90	9.40	76.00			4
192 E02 0474	-				EX	15.90	9.40	76.00		4	
193 E01 3008	D0NN6507J	Ford	Traktör 7000 (2512 E)	Supap	IN	46.40	9.42	146.00		30	4
193 E01 0165	D0NN6505A				EX	38.50	9.40	146.00		45	4
202 E01 0210	E1ADDN 6507	Ford	Thames Trader Fordsan Major	Supap	IN	43.70	9.50	158.40		30	4
202 E01 0211	E1ADDN 6505C				EX	39.00	9.50	156.50		30	4
202 E02 3580	E1ADDN 6510A	Ford	Thames Trader Fordsan Major	Gayd	IN	15.90	9.50	76.20			4
202 E02 3580	E1ADDN 6510A				EX	15.90	9.50	76.20		4	


 FOR **HATZ**







TRAKTÖR

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
263 E01 3808	030 388 00 115	Hatz	E-89 (Y.M.) 3 Tırmak 9Hp	Supap	IN	41.10	8.00	121.50		45	1
263 E01 3809	030 389 00 115				EX	35.10	8.00	121.50		45	1
264 E01 3799	-	Hatz	E-78 3 Tırmak	Supap	IN	31.00	7.00	91.00		45	1
264 E01 3799	-				EX	31.00	7.00	91.00		45	1
264 E02 3665	-	Hatz	E-78	Gayd	IN	12.00	7.00	39.00			1
264 E02 3665	-				EX	12.00	7.00	39.00			1
266 E01 0182	032 919 00 334	Hatz	E-108 Pancar Motor Std./0.5k	Supap	IN	43.00	9.00	138.00		45	1
266 E01 0183	032 920 00 334				EX	37.00	9.00	138.00		45	1
266 E02 0522	3325700334	Hatz	E-108 Pancar Motor Pik	Gayd	IN	13.00	9.00	69.00			1
266 E02 0522	3325700334				EX	13.00	9.00	69.00			1
267 E01 0184	030 388 00 115	Hatz	E-89 Pancar Motor 9Hp Std./0.5k/1mm	Supap	IN	41.10	8.00	121.50		45	1
267 E01 0185	030 389 00 115				EX	35.10	8.00	121.50		45	1
267 E02 0523	031 484 02	Hatz	E-89 Pancar Motor 9Hp Pik	Gayd	IN	12.00	8.00	60.00			1
267 E02 0523	031 484 02				EX	12.00	8.00	60.00			1
268 E01 3374	030 269 00 035	Hatz	E-80 Pancar Motor	Supap	IN	34.10	8.00	121.50		45	1
268 E01 3375	030 268 00 035				EX	31.10	8.00	121.50		45	1
268 E02 3383	3148402	Hatz	E-80 Pancar Motor	Gayd	IN	12.00	8.00	60.00			1
268 E02 3383	3148402				EX	12.00	8.00	60.00			1
269 E01 3552	041008400	Hatz	(Y.M.) 3 Tırmak	Supap	IN	43.00	9.00	136.50		45	1
269 E01 3553	041008500				EX	39.00	9.00	136.40		45	1
269 E02 3594	-	Hatz	(Y.M.)	Gayd	IN	15.00	9.00	67.60			1
269 E02 3594	-				EX	15.00	9.00	67.60			1



























**FOR IHI-SHIBAURA**
**TRAKTÖR**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
951 E01 0384	3019002	Ihi-Shibaura	Traktör Std./0.5k	Supap	IN	38.00	8.00	117.20		45	4
951 E01 0385	3019003				EX	32.00	8.00	117.25		45	4
951 E02 0568	-	Ihi-Shibaura	Traktör (E.M.)	Gayd	IN	14.00	8.00	44.20		4	
951 E02 0568	-				EX	14.00	8.00	44.20		4	
951 E02 1125	-	Ihi-Shibaura	Traktör (Y.M.)	Gayd	IN	14.00	8.00	44.00		4	
951 E02 1125	-				EX	14.00	8.00	44.00		4	

**FOR INTER**
**TRAKTÖR**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
291 E01 0212	3 055 055 R2	Inter	1800 Std./0.5k (D 209)	Supap	IN	43.00	10.00	146.00		45	4
291 E01 0213	3 055 056 R2				EX	41.00	10.00	146.00			45
291 E02 0569	3 055 022 R2	Inter	1800 (D 209)	Gayd	IN	16.00	10.00	79.00		4	
291 E02 0569	3 055 022 R2				EX	16.00	10.00	79.00		4	
292 E01 0214	3 040 361 R1	Inter	444 Traktör Std./0.5k (BD 154)	Supap	IN	37.30	8.67	147.80		45	4
292 E01 0215	3 043 826 R1				EX	30.00	8.68	147.80			45
292 E02 0570	3 044 492 R1	Inter	444 Traktör (BD 154)	Gayd	IN	14.30	8.70	82.50		4	
292 E02 0571	3 044 493 R1				EX	14.30	8.70	76.20		4	


**FOR JOHNDEERE**
**TRAKTÖR**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
950 E01 3360	R-84619	Johndeere	Eng.6076A/3076T Turbo 0.003/0.015	Supap	IN	51.00	9.50	154.00		30	4
950 E01 3359	R-84618				EX	47.00	9.50	157.10		30	4
952 E01 3358	R 44 174	Johndeere	JD500/JD600	Supap	IN	48.30	9.50	158.60		45	4
952 E01 3357	R 44 175				EX	43.60	9.50	158.00		45	4
953 E01 3364	R 50 358	Johndeere	JD 743 Turbo (Y.M.)	Supap	IN	43.50	9.50	157.30		30	4
953 E01 3365	R 50 357				EX	43.50	9.50	157.80		30	4
954 E01 3363	R 83 071	Johndeere	Aftercooler 300 Motor	Supap	IN	46.20	9.50	131.30		30	4
954 E01 0387	R 79 624				EX	40.00	9.50	131.00		45	4
955 E01 3362	R 43883	Johndeere	JD500A/JD600	Supap	IN	48.30	9.50	155.80		45	4
955 E01 3361	R 43679				EX	43.60	9.50	155.80		45	4
956 E01 0386	R 52 251	Johndeere	1020 Std./0.5k	Supap	IN	45.00	9.45	131.00		45	4
956 E01 0387	R 52 252				EX	40.00	9.45	131.00		45	4
956 E01 0386.2	R 52 251	Johndeere	1020 Sap 0.003 Std./0.5k	Supap	IN	45.00	9.53	131.00		45	4
956 E01 0387.2	R 52 252				EX	40.00	9.53	131.00		45	4
956 E01 0386.4	R 52 251	Johndeere	1020 Sap 0.006 Std./0.5k	Supap	IN	45.00	9.60	131.00		45	4
956 E01 0387.4	R 52 252				EX	40.00	9.60	131.00		45	4
956 E01 0386.6	R 52 251	Johndeere	1020 Sap 0.010 Std./0.5k	Supap	IN	45.00	9.70	131.00		45	4
956 E01 0387.6	R 52 252				EX	40.00	9.70	131.00		45	4
956 E01 0386.8	R 52 251	Johndeere	1020 Sap 0.015 Std./0.5k	Supap	IN	45.00	9.83	131.00		45	4
956 E01 0387.8	R 52 252				EX	40.00	9.83	131.00		45	4
956 E01 0386.10	R 52 251	Johndeere	1020 Sap 0.030 Std./0.5k	Supap	IN	45.00	10.21	131.00		45	4
956 E01 0387.10	R 52 252				EX	40.00	10.21	131.00		45	4
956 E02 3532	-	Johndeere	1020	Gayd	IN	14.00	9.30	75.00			4
956 E02 3532	-				EX	14.00	9.30	75.00		4	
957 E01 3366	R 98 062	Johndeere	Aksa (Y.M.) Jeneratör Std./0.5k DJ01/02-TJ01	Supap	IN	46.50	8.00	134.40		30	4
957 E01 3367	R 90 692				EX	42.50	8.00	133.60		30	4
957 E01 3366.2	R 98 062	Johndeere	Aksa (Y.M.) Jeneratör Sap 0.003 - 0.5k DJ01/02-TJ01	Supap	IN	46.50	8.07	134.40		30	4
957 E01 3367.2	R 90 692				EX	42.50	8.07	133.60		30	4
957 E01 3366.4	R 98 062	Johndeere	Aksa (Y.M.) Jeneratör Sap 0.010 - 0.5k DJ01/02-TJ01	Supap	IN	46.50	8.25	134.40		30	4
957 E01 3367.4	R 90 692				EX	42.50	8.25	133.60		30	4
957 E01 3366.8	R 98 062	Johndeere	Aksa (Y.M.) Jeneratör Sap 0.015 - 0.5k DJ01/02-TJ01	Supap	IN	46.50	8.38	134.40		30	4
957 E01 3367.8	R 90 692				EX	42.50	8.38	133.60		30	4
957 E01 3366.9	R 98 062	Johndeere	Aksa (Y.M.) Jeneratör Sap 0.020 - 0.5k DJ01/02-TJ01	Supap	IN	46.50	8.51	134.40		30	4
957 E01 3367.9	R 90 692				EX	42.50	8.51	133.60		30	4
4101 E01 3846	R 502454	Johndeere	Powertech 2.4L/3.0L (Y.M.)	Supap	IN	37.00	7.00	123.60		45	4
4101 E01 3847	R 502455				EX	34.00	7.00	122.00		45	4
4102 E01 3902	RE-531221	Johndeere	Traktör 6430 4x4 16V	Supap	IN	37.00	7.00	135.60		30	8
4102 E01 3903	RE-518081				EX	35.90	7.00	135.50		30	8
4103 E01 3956	R 520223	Johndeere	Traktör 9.0L 6090	Supap	IN	40.00	8.00	162.35		30	4
4103 E01 3957	R 520224				EX	40.00	8.00	162.35		30	4


**FOR LISTER**
**TRAKTÖR**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
959 E01 3130	20119350	Lister	SR	Supap	IN	32.50	8.00	119.80		45	1
959 E01 3131	20119360				EX	29.50	8.00	119.80		45	1
960 E01 3125	351K 50420	Lister	HR	Supap	IN	48.00	9.50	137.30		45	1
960 E01 3126	351F 50430				EX	40.00	9.50	137.30		45	1
960 E02 3048	291-50800	Lister	HR	Gayd	IN	15.90	9.50	63.50			1
960 E02 3662	351-10400				EX	15.90	9.50	63.50		1	
961 E01 3134	201 80250	Lister	ST	Supap	IN	42.50	8.70	120.20		45	1
961 E01 3135	201 80240				EX	35.50	8.70	120.30		45	1
961 E02 3066	201-55640	Lister	ST	Gayd	IN	13.50	8.70	52.40			1
961 E02 3067	201-55650				EX	13.50	8.70	54.00		1	
4901 E01 3129	336663	Lister	Petter PH	Supap	IN	34.00	8.00	113.50		45	1
4901 E01 3129	336663				EX	34.00	8.00	113.50		45	1
4901 E02 3519	250209	Lister	Petter PH	Gayd	IN	13.50	8.00	64.00			1
4901 E02 3519	250209				EX	13.50	8.00	64.00		1	
4902 E01 3776	-	Lister	TS	Supap	IN	42.50	8.70	118.00		45	1
4902 E01 3777	-				EX	35.50	8.70	118.00		45	1
4902 E02 3578	201-30181	Lister	TS	Gayd	IN	13.50	8.70	60.00			1
4902 E02 3579	201-30170				EX	13.50	8.70	58.00		1	
4903 E01 3778	751-40550	Lister	LBW	Supap	IN	37.00	7.00	107.50		45	1
4903 E01 3779	751-40530				EX	34.00	7.00	107.60		45	1
4903 E02 3571	751-10903	Lister	LBW	Gayd	IN	12.50	7.20	53.00			1
4903 E02 3571	751-10903				EX	12.50	7.20	53.00		1	
4904 E01 3819	-	Lister	Petter (Y.M.)	Supap	IN	40.10	8.00	114.00		45	4
4904 E01 3820	-				EX	36.00	8.00	113.20		45	4
4906 E01 3873	-	Lister	Petter	Supap	IN	36.00	8.00	113.45		45	2
4906 E01 3873	-				EX	36.00	8.00	113.45		45	2



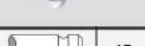







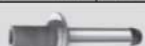


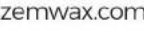

**FOR LOMBARDINI**
**TRAKTÖR**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
378 E01 3346	-	Lombardini	665/2 (930)	Supap	IN	39.40	8.00	102.15		45	1
378 E01 3348	-				EX	33.30	8.00	102.00		45	1
381 E01 0394	283 9652 017	Lombardini	LDA 450 Std./0.5k	Supap	IN	34.40	7.00	99.35		45	1
381 E01 0395	283 9685 027				EX	29.50	7.00	99.00		45	1
381 E02 0588	285 4845 53	Lombardini	LDA 450	Gayd	IN	11.00	7.00	56.00			1
381 E02 0589	285 4845 50				EX	11.00	7.00	44.00			1
382 E01 0396	291 9652 019	Lombardini	LDA 640/LDA 96 820 Std./0.5k	Supap	IN	42.00	8.00	111.20		45	1
382 E01 0397	291 9685 031				EX	35.50	8.00	111.00		45	1
382 E02 0590	291 4845 54	Lombardini	LDA 640/LDA 96 820	Gayd	IN	12.00	8.00	66.00			1
382 E02 0591	291 4845 55				EX	12.00	8.00	48.00			1
383 E01 0961	-	Lombardini	LDA 626/2	Supap	IN	38.80	8.00	101.80		45	1
383 E01 0962	-				EX	32.40	8.00	102.00		45	1
383 E02 0592	-	Lombardini	LDA 626/2	Gayd	IN	14.00	8.00	48.50			1
383 E02 0593	-				EX	14.00	8.00	42.00			1
384 E01 3010	5209652040	Lombardini	LDA 325/360	Supap	IN	34.30	7.00	83.90		45	1
384 E01 3011	5209685051				EX	29.50	7.00	83.40		45	1
384 E02 3056	500-4845-29	Lombardini	LDA 325/360	Gayd	IN	11.00	7.00	46.00			1
384 E02 3056	500-4845-30				EX	11.00	7.00	33.00			1
388 E01 3139	-	Lombardini	230 (672)	Supap	IN	39.90	9.00	111.80		45	1
388 E01 3140	-				EX	35.50	9.00	111.70		45	1
5100 E01 3554	8229652041	Lombardini	832	Supap	IN	43.00	9.00	112.00		45	4
5100 E01 3555	8229685053				EX	37.50	9.00	112.00		45	4
5100 E02 3595	-	Lombardini	832	Gayd	IN	15.10	9.00	51.00			4
5100 E02 3595	-				EX	15.10	9.00	51.00			4
5101 E01 3888	-	Lombardini	3 Tırnak	Supap	IN	40.50	7.00	101.80		30	4
5101 E01 3889	-				EX	35.50	7.00	101.80		45	4
5101 E02 3603	-	Lombardini	Lombardini	Gayd	IN	12.00	7.00	36.00			4
5101 E02 3603	-				EX	12.00	7.00	36.00			4
5102 E01 3907	-	Lombardini	9LDA 626/2 3 Tırnak	Supap	IN	38.80	8.00	101.80		45	8
5102 E01 3908	-				EX	32.40	8.00	102.00		45	8
5102 E02 3630	-	Lombardini	9LDA 626/2	Gayd	IN	14.00	8.00	48.00			4
5102 E02 3631	-				EX	14.00	8.00	42.00			4
5103 E01 3999	ED0096521480-5	Lombardini	15 LD 225 (RV50)	Supap	IN	31.50	6.00	81.85		45	4
5103 E01 4000	ED0096851510				EX	27.50	6.00	81.85		45	4

**FOR PERKINS**
**TRAKTÖR**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
633 E01 3837	1826471C1	Perkins	Jeneratör	Supap	IN	50.00	9.50	152.50		30	6
633 E01 3838	1824840C1				EX	45.30	9.50	152.00		45	6
633 E02 3583	-	Perkins	Jeneratör	Gayd	IN	16.00	9.40	66.30			6
633 E02 3583	-				EX	16.00	9.40	66.30			6
634 E01 3816	-	Perkins	Jeneratör 301	Supap	IN	45.20	11.00	156.80		45	4
634 E01 3816	-				EX	45.20	11.00	156.80		45	4
635 E01 3812	-	Perkins	4100	Supap	IN	42.20	9.00	119.80		45	4
635 E01 3813	-				EX	36.20	9.00	120.00		45	4
635 E02 3628	-	Perkins	4100	Gayd	IN	17.00	9.00	60.00			4
635 E02 3628	-				EX	17.00	9.00	60.00			4
636 E01 3567	3142H041	Perkins	286 Gold L4 4.421	Supap	IN	45.00	9.00	124.00		45	4
636 E01 3568	3142D061				EX	42.00	9.00	124.10		45	4
636 E02 3554	3313A012	Perkins	286 Gold L4 4.421	Gayd	IN	13.00	9.00	51.00			4
636 E02 3661	3318A705				EX	14.00	9.00	51.00			4
637 E01 3536	3142H071	Perkins	Katar Vista RG Yeşil 2 Motor	Supap	IN	46.30	9.00	129.10		30	4
637 E01 3537	3142A151				EX	41.60	9.00	129.10		30	4
637 E02 3500	3313A012	Perkins	Katar Vista RG Yeşil 2 Motor	Gayd	IN	13.00	9.00	51.00			4
637 E02 3500	3313A012				EX	13.00	9.00	51.00			4
637 E03 0200	3314A241		Katar Vista RG Yeşil 2 Motor	Baga	IN	47.86	39.00	7.60		30	4
637 E03 0199	3314A231				EX	42.49	34.50	7.60			30
638 E01 3534	3142D041	Perkins	Darwin D4A	Supap	IN	43.00	9.00	123.00		45	4
638 E01 3535	3142D031				EX	41.00	9.00	123.00		45	4
638 E02 3554	3313A012	Perkins	Darwin D4A	Gayd	IN	13.00	9.00	51.00			4
638 E02 3661	3318A705				EX	14.00	9.00	51.00			4
640 E01 3186	-	Perkins	Badsan	Supap	IN	45.00	9.50	123.00		30	4
640 E01 3187	-				EX	37.50	9.50	123.30		45	4
641 E01 3639	3142L081	Perkins	Darwin Yeşil 1 Motor	Supap	IN	43.00	9.00	123.00		30	4
641 E01 3640	3142D051				EX	41.00	9.00	123.00		30	4
641 E02 3554	3313A012	Perkins	Darwin Yeşil 1 Motor	Gayd	IN	13.00	9.00	51.00			4
641 E02 3661	3318A705				EX	14.00	9.00	51.00			4
642 E01 3802	-	Perkins	Jeneratör 4008	Supap	IN	52.00	11.00	169.70		30	6
642 E01 3802	-				EX	52.00	11.00	169.70		30	6
642 E02 3563	-	Perkins	Jeneratör 4008	Gayd	IN	19.00	11.00	84.10			6
642 E02 3563	-				EX	19.00	11.00	84.10			6
642 E03 0150	-	Perkins	Jeneratör 4008	Baga	IN	52.50	44.30	10.80		30	6
642 E03 0150	-				EX	52.50	44.30	10.80			30
643 E01 3803	120166390	Perkins	404 Series	Supap	IN	37.00	7.00	99.90		45	4
643 E01 3804	120176410				EX	33.00	7.00	99.50		45	4
643 E02 3635	3312A702	Perkins	404 Series	Gayd	IN	12.00	7.00	45.50			4
643 E02 3635	3312A702				EX	12.00	7.00	45.50			4
644 E01 0461	3142H002	Perkins	Traktör 398 Turbo (4.236)	Supap	IN	42.20	9.47	122.80		30	4
644 E01 0462	3142A052				EX	36.60	9.46	123.20		45	4
645 E01 0126	31431154	Perkins	L4/R6 Mk.II (4.318)	Supap	IN	46.90	9.50	132.50		45	4
645 E01 0127	31431142				EX	40.50	9.50	132.40		45	4

**FOR PERKINS**
**TRAKTÖR**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
646 E01 0113	31431261	Perkins	MF X35 Çukur (3.152) Std./0.5k	Supap	IN	39.00	8.00	114.25		45	3
646 E01 0114	31431951				EX	33.40	8.00	114.25		45	3
646 E02 0477	33261723	Perkins	MF X35 (3.152)	Gayd	IN	12.70	8.00	65.90		3	3
646 E02 0477	33261723				EX	12.70	8.00	65.90		3	
647 E01 0115	31431281	Perkins	MF 135 (4.203) Std./0.5k	Supap	IN	39.00	8.00	114.25		45	4
647 E01 0116	31431591				EX	33.40	8.00	114.25		45	4
647 E02 0478	33261723	Perkins	MF 135 (4.203)	Gayd	IN	12.70	8.00	62.00		4	4
647 E02 0478	33261723				EX	12.70	8.00	62.00		4	
647 E03 0215	-	Perkins	MF 135 (4.203)	Baga	IN	42.00	35.00	8.00		45	4
647 E03 0216	-				EX	37.00	30.00	8.00		45	4
648 E01 0117	31431681	Perkins	MF 240 (4.203) Std./0.5k	Supap	IN	39.00	8.00	114.27		55	4
648 E01 0118	31431991				EX	33.40	8.00	114.27		55	4
648 E02 0478	33261723	Perkins	MF 240 (4.203)	Gayd	IN	12.70	8.00	62.00		4	4
648 E02 0478	33261723				EX	12.70	8.00	62.00		4	
648 E03 0011	-	Perkins	MF 240 (4.203)	Baga	IN	42.00	35.00	8.00		55	4
648 E03 0012	-				EX	37.00	28.00	8.00		55	4
649 E01 0119	31431981	Perkins	MF 255 Turbo (3.152) Std./0.5k	Supap	IN	39.00	8.00	114.27		55	4
649 E01 0120	31431011				EX	33.40	8.00	114.27		55	4
649 E02 0479	33261727	Perkins	MF 255T Turbo (3.152)	Gayd	IN	12.70	8.00	54.00		4	4
649 E02 0480	3113E011				EX	12.70	8.00	62.00		4	
650 E01 0121	31431641	Perkins	MF 285 (4.212) Std./0.5k	Supap	IN	44.25	9.50	122.90		45	4
650 E01 0122	31431881				EX	36.60	9.50	123.30		45	4
650 E01 0121.2	31431641	Perkins	MF 285 (4.212) 0.003 - Std./0.5k	Supap	IN	44.25	9.55	122.90		45	4
650 E01 0122.2	31431881				EX	36.60	9.54	123.30		45	4
650 E01 0121.4	31431641	Perkins	MF 285 (4.212) 0.015 - Std./0.5k	Supap	IN	44.25	9.85	122.90		45	4
650 E01 0122.4	31431881				EX	36.60	9.84	123.30		45	4
650 E01 0121.6	31431641	Perkins	MF 285 (4.212) 0.030 - Std./0.5k	Supap	IN	44.25	10.23	122.90		45	4
650 E01 0122.6	31431881				EX	36.60	10.22	123.30		45	4
650 E02 0481	33261732	Perkins	MF 285 (4.212)	Gayd	IN	15.90	9.50	58.00		4	4
650 E02 0482	33261752				EX	15.90	9.50	61.00		4	
650 E03 0009	33152153	Perkins	MF 285 (4.212)	Baga	IN	46.15	40.00	8.50		45	4
650 E03 0010	33152147				EX	39.15	32.00	8.50		45	4
652 E01 0125	3142L072	Perkins	Phaser 180 TI 30' As 950 Super Std./0.5k	Supap	IN	45.00	9.48	122.90		30	6
652 E01 0124	3143A051				EX	37.50	9.45	123.30		45	6
652 E02 0481	33261752	Perkins	Phaser 180 TI 30' As 950 Super	Gayd	IN	15.90	9.50	61.00		6	6
652 E02 0482	33261752				EX	15.90	9.50	61.00		6	
652 E03 0043	33125121	Perkins	Phaser 180 TI 30' As 950 Super	Baga	IN	51.35	40.00	7.20		30	6
652 E03 0044	33152139				EX	42.75	32.50	9.60		45	6
653 E01 0129	3142L071	Perkins	Phaser 160 TI AS 900 Super T90 45' Std./0.5k	Supap	IN	45.10	9.48	122.89		45	6
653 E01 0124	3142A051				EX	37.52	9.46	123.30		45	6
653 E02 0481	33261732	Perkins	Phaser 160 TI AS 900 Super T90 45'	Gayd	IN	15.90	9.50	58.00		6	6
653 E02 0482	33261752				EX	15.90	9.50	61.10		6	
6500 E01 3839	1824642C1	Perkins	Small Jeneratör 1300 Series	Supap	IN	50.00	9.50	147.00		30	4
6500 E01 3840	1824842C1				EX	40.50	9.50	147.00		45	4
6500 E02 3636	1824647C1	Perkins	Small Jeneratör 1300 Series	Gayd	IN	15.90	9.50	66.50		4	4
6500 E02 3636	1824647C1				EX	15.90	9.50	66.50		4	


**FOR PERKINS**
**TRAKTÖR**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
6501 E01 3884	3142H042	Perkins	260 Gold	Supap	IN	41.80	7.00	115.40		35	4
6501 E01 3885	3142A091				EX	38.00	7.00	115.50		45	4
6501 E02 3660	-	Perkins	260 Gold	Gayd	IN	12.00	7.00	51.00		4	
6501 E02 3660	-				EX	12.00	7.00	51.00		4	
6504 E01 3978	-	Perkins	4105	Supap	IN	44.10	9.50	145.25		30	4
6504 E01 3979	-				EX	37.50	9.50	145.25		45	4
6504 E02 3618	-	Perkins	4105	Gayd	IN	16.00	9.50	70.30		4	
6504 E02 3618	-				EX	16.00	9.50	70.30		4	
6505 E01 3993	OE50588	Perkins	2006 TAG Series	Supap	IN	56.75	12.65	160.45		30	6
6505 E01 3993	OE50589				EX	50.85	12.60	160.55		45	6
6505 E02 3624	OE43070	Perkins	2006 TAG Series	Gayd	IN	19.00	12.65	74.00		6	
6505 E02 3625	OE46001				EX	19.00	12.60	74.15		6	
6505 E03 0177	OE50118	Perkins	2006 TAG Series	Baga	IN	58.15	48.00	10.80		30	6
6505 E03 0178	OE49094				EX	53.10	44.30	10.80		40	6
6506 E01 3995	CV21058	Perkins	3008/3012	Supap	IN	45.00	9.50	154.70		30	4
6506 E01 3996	CV24480				EX	45.00	11.00	155.70		45	4
6506 E02 3626	OE47572	Perkins	3008/3012	Gayd	IN	18.00	9.55	80.00		4	
6506 E02 3627	OE47573				EX	18.00	11.01	80.00		4	
6506 E03 0179	CV20814	Perkins	3008/3012	Baga	IN	48.10	40.50	8.30		30	4
6506 E03 0180	CV20815				EX	48.10	40.50	8.30		45	4
6507 E01 4014	3142H051	Perkins	700 Series (UB70443)	Supap	IN	42.00	7.00	106.50		45	4
6507 E01 4015	3142A111				EX	34.00	7.00	106.30		45	4
6507 E02 3637	3318A702	Perkins	700 Series (UB70443)	Gayd	IN	12.00	7.00	45.75		4	
6507 E02 3637	3318A702				EX	12.00	7.00	45.75		4	
6508 E01 4037	-	Perkins	Jeneratör 4008	Supap	IN	53.00	11.00	170.00		30	4
6508 E01 4038	-				EX	52.00	11.00	169.70		30	4
6508 E03 0196	-	Perkins	Jeneratör 4008	Baga	IN	56.65	45.00	9.00		30	4
6508 E03 0197	-				EX	52.50	44.30	10.80		30	4
6509 E01 4052	3142H101	Perkins	1104 / 9010 (NL-DX Motor)	Supap	IN	46.40	9.00	129.10		45	4
6509 E01 4053	3142A171				EX	41.60	9.00	128.40		30	4
6509 E02 3668	3313A035	Perkins	1104 / 9010 (NL-DX Motor)	Gayd	IN	13.00	9.00	51.60		4	
6509 E02 3668	3313A035				EX	13.00	9.00	51.60		4	
6509 E03 0198	-	Perkins	1104 / 9010 (NL-DX Motor)	Baga	IN	47.86	39.00	7.60		45	4
6509 E03 0199	3314A231				EX	42.49	34.50	7.60		30	4
6510 E01 4054	-	Perkins	1104 / 9010 (NL - DX Motor) 30°	Supap	IN	46.40	9.00	129.10		30	4
6510 E01 4053	3142A171				EX	41.60	9.00	128.40		30	4
6510 E02 3668	3313A035	Perkins	1104 / 9010 (NL - DX Motor) 30°	Gayd	IN	13.00	9.00	51.60		4	
6510 E02 3668	3313A035				EX	13.00	9.00	51.60		4	
6510 E03 0200	3314A241	Perkins	1104 / 9010 (NL - DX Motor) 30°	Baga	IN	47.86	39.00	7.60		30	4
6510 E03 0199	3314A231				EX	42.49	34.50	7.60		30	4
6511 E01 4069	120166360	Perkins	77	Supap	IN	34.00	7.00	90.10		45	4
6511 E01 4070	120166350				EX	27.50	7.00	90.10		45	4
6512 E01 4073	3142H011	Perkins	Jeneratör	Supap	IN	44.00	7.00	106.50		45	4
6512 E01 4074	3142A101				EX	37.20	7.00	106.40		45	4


**FOR STEYR**
**TRAKTÖR**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
773 E01 3668	21300540	Steyr	Traktör WD 113/WD 213	Supap	IN	52.00	11.00	136.00		45	4
773 E01 3669	21300539				EX	48.00	11.00	136.00		45	4
774 E01 3666	61160050001	Steyr	411.85/611.85 Turbo	Supap	IN	45.00	9.00	142.50		55	4
774 E01 3667	61160050002				EX	36.90	9.00	142.50		45	4
775 E01 3480	6156 005 0042	Steyr	Howo JPP/JPJ	Supap	IN	54.80	11.00	159.50		55	6
775 E01 3481	6156 005 0041				EX	50.00	11.00	158.50		45	6
775 E02 3351	-	Steyr	Howo JPP/JPJ (E.M.)	Gayd	IN	16.00	11.00	71.00			6
775 E02 3351	-				EX	16.00	11.00	71.00			6
775 E02 3670	-	Steyr	Howo JPP/JPJ (Y.M.)	Gayd	IN	16.00	11.00	81.50			6
775 E02 3670	-				EX	16.00	11.00	81.50			6
775 E03 0029	-	Steyr	Howo JPP/JPJ	Baga	IN	56.18	45.00	10.30		55	6
775 E03 0030	-				EX	53.18	41.50	12.20		45	6
776 E01 0310	407 05 01	Steyr	Traktör 768 (E.M.) Std./0.5k (WD 407)	Supap	IN	41.90	9.00	142.50		45	4
776 E01 0311	407 05 02				EX	36.90	9.00	142.50		45	4
776 E02 0542	40604602	Steyr	Traktör 768/8053/8073 (WD 407)	Gayd	IN	14.00	9.00	75.00			4
776 E02 0543	40604603				EX	14.00	9.00	75.00			4
777 E01 0312	311 00 05 0014	Steyr	Traktör 8053/8073 (Y.M.) Std./0.5k (WD 311.40)	Supap	IN	42.10	9.00	142.50		45	4
777 E01 0313	311 00 05 0015				EX	37.10	9.00	142.50		45	4
777 E02 0542	-	Steyr	Traktör 8053/8073 (Y.M.) Std./0.5k (WD 311.40)	Gayd	IN	14.00	9.00	75.00			4
777 E02 0543	-				EX	14.00	9.00	66.00			4
778 E01 3208	614 60 05 0007	Steyr	Traktör WD 614 Turbo	Supap	IN	50.90	12.00	158.40		35	4
778 E01 3209	615 60 05 0006				EX	48.90	12.00	158.40		45	4
8300 E01 3743	406050006	Steyr	WD 406 Traktör	Supap	IN	39.00	9.00	142.50		45	4
8300 E01 3744	406050007				EX	34.00	9.00	142.50		45	4
8301 E01 3745	600F0502	Steyr	WD 609/610	Supap	IN	45.00	10.00	149.55		45	4
8301 E01 3746	6106005002				EX	39.00	10.00	149.55		45	4




**FOR M.W.M**
**TRAKTÖR**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
419 E01 4033	12159606	M.W.M	TD 226 B	Supap	IN	47.00	9.00	116.85		30	6
419 E01 4034	12159608				EX	43.00	9.00	117.00		45	6
419 E02 3642	13026871	M.W.M	TD 226 B	Gayd	IN	15.00	9.00	51.70			6
419 E02 3643	13026872				EX	15.00	9.00	45.00			6
420 E01 3143	622804603014	M.W.M	TD 226/4 Turbo	Supap	IN	42.00	9.00	117.20		30	6
420 E01 3142	622604603024				EX	38.00	9.00	117.00		45	6
421 E01 3141	622604600054	M.W.M	D327 Fent	Supap	IN	41.00	9.00	117.20		45	6
421 E01 3142	630804600024				EX	38.00	9.00	117.00		45	6
421 E02 3386	630503320034	M.W.M	D327 Fent	Gayd	IN	15.00	9.00	58.00			6
421 E02 3386	630503320034				EX	15.00	9.00	58.00			6
421 E03 0005	-	M.W.M	D327 Fent	Baga	IN	43.15	36.00	7.00		45	6
421 E03 0006	-				EX	39.15	33.00	7.00		45	6


**FOR SAVEM**
**TRAKTÖR**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
524 E01 3441	-	Savem	Traktör	Supap	IN	45.50	10.00	140.40		45	6
524 E01 3542	-				EX	39.00	10.00	140.30		45	6




**FOR SUPERSTAR**
**TRAKTÖR**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
971 E01 0121	3142L071	Superstar	Su Motoru Std./0.5k	Supap	IN	45.10	9.50	122.90		45	1
971 E01 0122	3142A051				EX	37.50	9.50	123.30		45	1
971 E02 0481	332 61 732	Superstar	Su Motoru	Gayd	IN	15.90	9.50	57.90			1
971 E02 0481	332 61 732				EX	15.90	9.50	61.10			1








**FOR UNIVERSAL**
**TRAKTÖR**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
936 E01 0359	10302117	Universal	650 Traktör Std./0.5k (U T B)	Supap	IN	41.00	11.00	168.00		45	4
936 E01 0360	10302118				EX	37.00	11.00	167.00		45	4
936 E02 0405	250509	Universal	650 Traktör (U T B)	Gayd	IN	18.20	11.00	85.00			4
936 E02 0405	250509				EX	18.20	11.00	85.00			4

**FOR VALTRA**
**TRAKTÖR**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
1105 E01 3643	836 646 356	Valtra	Valmet 8400 Traktör Zetor	Supap	IN	48.00	9.00	151.60		55	6
1105 E01 3644	836 646 357				EX	41.00	9.00	152.80		45	6
1105 E02 3602	836673175	Valtra	Valmet 8400 Traktör Zetor	Gayd	IN	16.00	9.00	68.00			6
1105 E02 3602	836673175				EX	16.00	9.00	68.00			6

**FOR RUGARINI**
**TRAKTÖR**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
255 E01 3500	-	Rugarini	RF 80/90	Supap	IN	32.80	7.00	95.00		45	4
255 E01 3501	-				EX	30.00	7.00	95.00		45	4
256 E01 4003	-	Rugarini	95	Supap	IN	38.00	9.00	117.00		45	4
256 E01 4004	-				EX	35.10	9.00	117.00		45	4
256 E02 3629	-	Rugarini	95	Gayd	IN	15.00	9.00	58.10			4
256 E02 3629	-				EX	15.00	9.00	58.10			4
257 E01 4048	3149206303	Rugarini	MD350/MD351	Supap	IN	37.00	7.00	84.70		45	4
257 E01 4049	3149206303				EX	33.00	7.00	84.70		45	4









**FOR SAME**
**TRAKTÖR**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
525 E01 3516	00711460	Same	Traktör Hurlümat	Supap	IN	44.00	9.00	130.70		30	4
525 E01 3517	00711470				EX	39.40	9.00	130.50		45	4
525 E03 0235	-	Same	Traktör Hurlümat	Baga	IN	45.10	35.00	8.00		30	4
525 E03 0236	-				EX	44.10	34.00	8.50		45	4
526 E01 4082	04214202	Same	154 PT Turbo Trattore Laser 90	Supap	IN	44.00	8.00	148.00		45	4
526 E01 4083	07114202				EX	42.00	8.00	148.00		45	4
526 E02 3653	-	Same	154 PT Turbo Trattore Laser 90	Gayd	IN	16.00	8.00	79.00			4
526 E02 3653	-				EX	16.00	8.00	79.00			4
527 E01 4084	03914200	Same	Minitaure	Supap	IN	42.00	9.00	148.00		45	4
527 E01 4085	03914210				EX	39.50	9.00	148.00		45	4
527 E02 3654	-	Same	Minitaure	Gayd	IN	16.00	9.00	88.00			4
527 E02 3655	-				EX	16.00	9.00	73.00			4






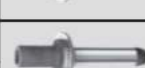







**FOR NEW HOLLAND**
**TRAKTÖR**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
242 E01 3794	87802256	New Holland	TM 155 Tek Tırmak	Supap	IN	47.50	9.50	147.00		30	6
242 E01 3795	87802258				EX	43.00	9.50	146.50		45	6
242 E01 3831	87802256	New Holland	TM 155 4 Tırmak	Supap	IN	47.50	9.50	147.00		30	6
242 E01 3832	87802258				EX	43.00	9.50	146.50		45	6
1123 E01 0136	-	New Holland	Fiat-New Holland 45.66	Supap	IN	45.40	8.00	125.75		30	4
1123 E01 0137	-				EX	37.60	8.00	125.75		45	4
1123 E02 0562	4802126	New Holland	Fiat-New Holland 45.66 (E.M.)	Gayd	IN	14.00	8.00	56.00			4
1123 E02 0562	4802126				EX	14.00	8.00	56.00			4
1123 E02 0562.1	4802126	New Holland	Fiat-New Holland 45.66 (Y.M.)	Gayd	IN	14.00	8.00	56.20			4
1123 E02 0562.1	4802126				EX	14.00	8.00	56.20			4
1123 E03 0223	98474128	New Holland	Fiat-New Holland 45.66	Baga	IN	47.65	37.00	9.00		30	4
1123 E03 0224	98495493				EX	39.15	31.00	8.00		45	4

**FOR ZETOR**
**TRAKTÖR**
































Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
992 E01 3226	60110095	Zetor	71 Traktör	Supap	IN	44.00	10.00	129.40		45	4
992 E01 3227	60110090				EX	36.40	10.00	129.40		45	4
992 E02 0172	950530	Zetor	71 Traktör	Gayd	IN	15.00	10.00	64.00			4
992 E02 0172	950530				EX	15.00	10.00	64.00			4
993 E01 3228	480005014	Zetor	80/8001/8601	Supap	IN	49.20	10.00	139.00		45	4
993 E01 3229	480005015				EX	41.20	10.00	139.00		45	4
993 E02 1121	80005101	Zetor	80/8001/8601	Gayd	IN	16.00	10.00	68.50			4
993 E02 1121	80005101				EX	16.00	10.00	68.50			4

**FOR KHD MAGIRUS**
**OTOBÜS**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
332 E01 0049	415 91 38	KHD	Magirus 912W/913 (Y.M.) 3 Tırmak (4FL) Std./0.5k	Supap	IN	43.00	8.00	133.00		45	4
332 E01 0050	415 91 37				EX	37.00	8.00	133.00		45	4
332 E02 0545	423 19 76	KHD	Magirus 912W/913 (Y.M.) (4FL)	Gayd	IN	15.00	8.00	55.50			4
332 E02 0545	423 19 76				EX	15.00	8.00	55.50		4	
332 E03 0031	2137302	KHD	Magirus 912W/913 (Y.M.) (4FL)	Baga	IN	45.67	36.00	9.80		45	4
332 E03 0032	2137306				EX	40.17	31.00	9.80		45	4
333 E01 0051	415 36 31	KHD	Magirus 912/913 45' (E.M.) Tek Tırnak (F2LD) Std./0.5k	Supap	IN	43.00	8.00	133.00		45	4
333 E01 0052	415 36 96				EX	37.00	8.00	133.00		45	4
333 E02 0544	223 25 28	KHD	Magirus 912/913 (E.M.) Düz	Gayd	IN	15.00	8.00	57.50			4
333 E02 0544	223 25 28				EX	15.00	8.00	57.50		4	
333 E03 0031	2137302	KHD	Magirus 912/913 45' (E.M.) (F2LD)	Baga	IN	45.67	36.00	9.80		45	4
333 E03 0032	2137306				EX	40.17	31.00	9.80		45	4
334 E01 3338	423 19 79	KHD	Magirus 912/913 M2000 1998 Model Std./0.5k	Supap	IN	45.00	8.00	133.00		45	4
334 E01 0050	415 91 39				EX	37.00	8.00	133.00		45	4
334 E02 0545	423 19 76	KHD	Magirus 913 M2000 (Y.M.)	Gayd	IN	15.00	8.00	55.50			4
334 E02 0545	423 19 76				EX	15.00	8.00	55.50		4	
335 E01 0055	415 9140	KHD	Magirus 913 C 30' (BF4L) Std./0.5k	Supap	IN	43.00	8.00	133.00		30	4
335 E01 0054	415 9139				EX	37.00	8.00	133.00		45	4
336 E01 0057	414 6225	KHD	Magirus 413 F Turbo	Supap	IN	53.60	10.00	165.00		45	6
336 E01 0058	241 2165				EX	46.60	10.00	165.30		45	6
336 E02 0549	241 4268	KHD	Magirus 413 F Turbo Düşürmeli	Gayd	IN	16.00	10.00	95.00			6
336 E02 0550	241 4263				EX	16.00	10.00	83.00		6	
336 E02 0551	414 7322	KHD	Magirus 413 F Turbo Flaşlı	Gayd	IN	16.00	10.00	95.00			6
336 E02 0552	414 7327				EX	16.00	10.00	78.00		6	
336 E03 0033	4149895	KHD	Magirus 413 F Turbo	Baga	IN	56.18	47.00	11.50		45	6
336 E03 0034	4149898				EX	49.10	42.00	11.50		45	6
339 E01 0068	427 1175	KHD	Magirus 1011 Std./0.5k(F2L)	Supap	IN	40.10	8.00	124.70		45	4
339 E01 0069	417 0899				EX	35.00	8.00	124.70		45	4
339 E02 3664	417 0164	KHD	Magirus 1011 Turbo (F2L) Faturalı	Gayd	IN	12.00	8.00	48.00			4
339 E02 3664	417 0164				EX	12.00	8.00	48.00		4	
339 E03 0080	4287671	KHD	Magirus 1011 Turbo (F2L)	Baga	IN	43.67	34.00	7.60		45	4
339 E03 0081	4287670				EX	37.30	28.00	7.30		45	4
340 E01 0070	417 0491	KHD	Magirus 1011 Turbo (F2LF)	Supap	IN	40.50	8.00	124.90		30	4
340 E01 0069	417 0899				EX	35.00	8.00	124.70		45	4
340 E02 3664	417 0164	KHD	Magirus 1011 Turbo (F2L) Faturalı	Gayd	IN	12.00	8.00	48.00			4
340 E02 3664	417 0164				EX	12.00	8.00	48.00		4	
341 E01 0206	420 4014	KHD	Magirus 1013 (BF4M)	Supap	IN	48.10	9.00	139.00		30	4
341 E01 0207	420 4015				EX	42.00	9.00	139.00		45	4
341 E02 0171	420 1238	KHD	Magirus 1013 (BF4M)	Gayd	IN	15.00	9.00	62.80			4
341 E02 0171	420 1238				EX	15.00	9.00	62.80		4	
341 E03 0071	0425 2442	KHD	Magirus 1013 (BF4M)	Baga	IN	49.15	39.00	7.50		30	4
341 E03 0072	0425 2443				EX	43.65	35.00	8.00		45	4





**FOR KHD MAGIRUS**
**OTOBÜS**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
342 E01 3292	420 8095	KHD	Magirus 1012 (BF6M)	Supap	IN	41.70	8.00	124.70		30	4
342 E01 3293	420 8096				EX	36.00	8.00	124.70		45	4
342 E02 0173	419 5708	KHD	Magirus 1012 (BF6M)	Gayd	IN	15.00	8.00	52.80		30	4
342 E02 0174	419 5708				EX	15.00	8.00	52.80			
342 E03 0082	4192397	KHD	Magirus 1012 (BF6M)	Baga	IN	43.15	34.00	7.10		30	4
342 E03 0083	4192396				EX	37.15	30.00	7.60		45	4
343 E01 3478	422 0143	KHD	Magirus 1015	Supap	IN	46.00	8.00	132.90		30	4
343 E01 3479	442 0142				EX	42.00	8.00	132.60		45	4
343 E02 3384	422 0708	KHD	Magirus 1015-2011	Gayd	IN	15.00	8.00	66.00		30	4
343 E02 3384	422 0708				EX	15.00	8.00	66.00			
343 E03 0084	4226563	KHD	Magirus 1015	Baga	IN	47.60	38.00	7.20		30	4
343 E03 0085	4220789				EX	44.10	35.00	7.00		45	4
344 E01 3492	0425 4284	KHD	Magirus 2012	Supap	IN	41.70	8.00	119.90		30	4
344 E01 3493	0425 4285				EX	36.00	8.00	119.60		45	4
344 E02 3533	425 0074	KHD	Magirus 2012-2013	Gayd	IN	13.00	8.00	58.00		30	4
344 E02 3533	425 0074				EX	13.00	8.00	58.00			
345 E01 3496	0428 0404	KHD	Magirus 2011	Supap	IN	41.50	8.00	124.90		30	4
345 E01 3497	0428 0049				EX	35.50	8.00	124.70		45	4
345 E02 3584	0427 2011	KHD	Magirus 2011 Faturalı	Gayd	IN	12.00	8.00	50.00		30	4
345 E02 3584	0427 2011				EX	12.00	8.00	50.00			
345 E03 0231	4287671	KHD	Magirus 2011	Baga	IN	43.67	34.00	7.60		30	4
345 E03 0232	4287670				EX	37.30	28.00	7.30		45	4
346 E01 3528	0428 5263	KHD	Magirus 2013	Supap	IN	48.00	9.00	135.60		30	4
346 E01 3529	0428 5957				EX	42.00	9.00	135.50		45	4
346 E02 3505	0420 1238	KHD	Magirus 2013	Gayd	IN	15.00	9.00	62.75		30	4
346 E02 3505	0420 1238				EX	15.00	9.00	62.75			
347 E01 3782	0428 5985	KHD	Magirus TCD 2012 L4 2V Euro 3	Supap	IN	44.45	8.00	121.00		30	4
347 E01 3783	0428 5986				EX	38.80	8.00	121.25		45	4
347 E03 0219	4284376	KHD	Magirus TCD 2012 L4 2V Euro 3	Baga	IN	46.15	36.50	6.70		30	4
347 E03 0220	4284377				EX	40.00	30.50	7.50		45	4
4401 E01 3841	0428 4042	KHD	Magirus 2012 (Y.M.)	Supap	IN	41.70	8.00	121.20		30	4
4401 E01 3842	0428 4043				EX	35.90	8.00	121.20		45	4
4402 E01 3845	0428 0350	KHD	Magirus 2011 45'	Supap	IN	41.30	8.00	124.65		45	4
4402 E01 3497	0428 0049				EX	35.50	8.00	124.70		45	4
4403 E01 3861	0418 5463	KHD	Magirus 413 FW/513 BF6L	Supap	IN	53.50	10.00	165.80		30	6
4403 E01 3862	0418 5461				EX	46.60	10.00	165.30		45	6
4404 E01 3913	0490 0685	KHD	Magirus 2013 TCD 4-6L 24V (Y.M.)	Supap	IN	38.20	8.00	145.90		30	12
4404 E01 3914	0490 0686				EX	35.80	8.00	145.90		45	12
4404 E02 3623	0425 00 74	KHD	Magirus 2013 TCD 4-6L 24V (Y.M.)	Gayd	IN	13.00	8.00	58.00		30	12
4404 E02 3623	0425 00 74				EX	13.00	8.00	58.00			
4404 E03 0173	-	KHD	Magirus 2013 TCD 4-6L 24V (Y.M.)	Baga	IN	39.30	31.20	7.50		30	12
4404 E03 0174	-				EX	36.80	28.40	7.50		45	12
4405 E01 4043	4007099	KHD	Magirus 716/816	Supap	IN	62.00	12.00	164.35		45	4
4405 E01 4044	144045439				EX	56.00	12.00	164.35		45	4
4406 E01 4075	4185462	KHD	Magirus 413 FW/513 BF6L	Supap	IN	56.50	10.00	165.50		45	6
4406 E01 3862	4185461				EX	46.60	10.00	165.30		45	6


**FOR BMC**
**OTOBÜS**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
024 E01 0172	62 H 361	BMC	TM 30 Std./0.5k	Supap	IN	36.50	8.70	119.40		45	4
024 E01 0173	62 H 362				EX	30.70	8.70	119.40		45	4
024 E02 0585	12 H 2222	BMC	TM 30	Gayd	IN	14.30	8.70	56.30			4
024 E02 0585	12 H 2222				EX	14.30	8.70	56.30			4
026 E01 0176	62 H 61	BMC	Leyland 154 Std./0.5k	Supap	IN	35.00	8.70	119.40		45	4
026 E01 0177	62 H 60				EX	29.40	8.70	119.40		45	4
028 E01 3691	3802924	BMC	Profesyonel 625 Probus	Supap	IN	33.10	7.00	124.80		30	6
028 E01 3692	3802967				EX	32.80	7.00	124.40		45	6
028 E03 0203	3943449	BMC	Profesyonel 625 Probus	Baga	IN	34.92	27.90	5.75		30	6
028 E03 0204	3943450				EX	34.92	27.90	5.75		40	6
029 E01 2025	2M56464	BMC	Levent TD 80 Std./0.5k	Supap	IN	35.80	7.40	119.20		45	4
029 E01 2026	2M56462				EX	32.00	7.40	120.00		45	4
029 E02 0681	57RS300922	BMC	Levent TD 80	Gayd	IN	12.00	7.50	55.50			4
029 E02 0681	57RS300922				EX	12.00	7.50	55.50			4
031 E01 3469	9P917020	BMC	Megastar 16V (Y.M.)	Supap	IN	32.45	6.00	109.00		45	8
031 E01 3470	9P817251				EX	31.00	6.00	108.30		45	8
031 E02 3507	-	BMC	Megastar 16V (Y.M.)	Gayd	IN	11.00	6.00	44.00			8
031 E02 3507	-				EX	11.00	6.00	44.00			8

**FOR OTOKAR**
**OTOBÜS**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
1154 E01 4086	-	Otokar	Tempo 16V	Supap	IN	32.00	6.00	114.20		45	8
1154 E01 4087	-				EX	29.00	6.00	114.20		45	8


**FOR MAN**
**AĞIR VASITA**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
374 E01 0037	51041010482	Man	TGA 19.364 24V F2000 Tek Tırnak	Supap	IN	46.00	9.00	153.70		30	12
374 E01 0038	51041010483				EX	46.00	9.00	153.70		45	12
374 E01 3459	51041010547	Man	TGA 19.364 F2000 24V 3 Tırnak	Supap	IN	46.00	9.00	153.70		30	12
374 E01 3460	51041010548				EX	46.00	9.00	153.70		45	12
374 E02 3053	51032010115	Man	TGA 19.364/19.464 F2000 24V	Gayd	IN	15.00	9.00	64.00			12
374 E02 3053	51032010115				EX	15.00	9.00	64.00			12
374 E03 0148	51032030301	Man	TGA 19.364 F2000 24V	Baga	IN	48.15	38.00	7.90		30	12
374 E03 0149	51032030302				EX	48.15	40.00	7.90		45	12
375 E01 0044	51041010349	Man	780 Ikarus 123mm	Supap	IN	57.00	12.00	149.00		45	6
375 E01 0045	51041010364				EX	52.00	12.00	148.50		45	6
393 E01 0031	51041010425	Man	SR 26.230 (D 0824/D 0826)	Supap	IN	49.00	10.00	136.60		30	6
393 E01 0032	51041010411				EX	42.00	10.00	136.30		45	6
393 E02 0425	51032011057	Man	SR 26.230 (D 0824/D 0826)	Gayd	IN	16.00	10.00	60.00			6
393 E02 0426	51032011053				EX	16.00	10.00	55.00			6
393 E03 0045	51032030325	Man	SR 26.230 (D 0824/D 0826)	Baga	IN	51.15	41.00	8.50		30	6
393 E03 0046	51032030305				EX	44.15	35.00	8.50		45	6
394 E01 0035	51041010332	Man	SR 26.240 (D 2556/2566)	Supap	IN	58.00	12.00	142.50		45	6
394 E01 0036	51041010447				EX	51.00	12.00	142.50		45	6
394 E02 0427	51032010088	Man	SR 26.240/26.281	Gayd	IN	18.00	12.00	64.00			6
394 E02 0427	51032010088				EX	18.00	12.00	64.00			6
394 E03 0027	51032030163	Man	SR 26.240 (D 2556/2566)	Baga	IN	61.15	48.00	10.40		45	6
394 E03 0028	51032030184				EX	53.15	42.50	10.00		45	6
395 E01 0039	51041010375	Man	SR 26.281/D 2566 Turbo	Supap	IN	58.00	12.00	142.50		30	6
395 E01 0036	51041010367				EX	51.00	12.00	142.50		45	6
395 E02 0427	51032010088	Man	SR 26.281/D 2566 Turbo	Gayd	IN	18.00	12.00	64.00			6
395 E02 0427	51032010088				EX	18.00	12.00	64.00			6
395 E03 0134	51032030171	Man	SR 26.281/D 2566 Turbo	Baga	IN	61.15	48.00	8.90		30	6
395 E03 0028	51032030184				EX	53.15	42.50	10.00		45	6
396 E01 0042	51041010379	Man	780 Ikarus 121mm	Supap	IN	56.00	12.00	149.00		30	6
396 E01 0043	51041010373				EX	49.00	12.00	149.00		45	6
396 E02 0419	51032100047	Man	780 Ikarus 121mm	Gayd	IN	20.00	12.00	80.00			6
396 E02 0420	51032010075				EX	20.00	12.00	70.00			6
399 E01 3151	51041010509	Man	D 2876 Euro 2 (Y.M.) Marina 4 Tırnak	Supap	IN	58.00	12.00	142.50		30	6
399 E01 3152	51041010501				EX	51.00	12.00	142.50		45	6
399 E02 3591	51032010108	Man	D 2876 Euro 2 (Y.M.) Marina	Gayd	IN	18.00	12.00	59.50			6
399 E02 3591	51032010108				EX	18.00	12.00	59.50			6
399 E03 0092	51032030293	Man	D 2876 Euro 2 (Y.M.) Marina	Baga	IN	61.15	48.00	8.90		30	6
399 E03 0028	51032030184				EX	53.15	42.50	10.00		45	6

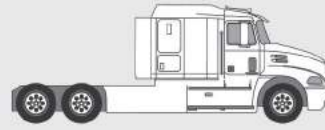

 FOR **MAN**

AĞIR VASITA

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
5300 E01 3591	51041010571	Man	D2066 Euro 430 Common Rail	Supap	IN	40.00	9.00	160.40		30	6
5300 E01 3592	51041010546				EX	38.00	9.00	160.40		45	6
5300 E02 3515	51032010115	Man	D2066 Euro 430 Common Rail	Gayd	IN	15.00	9.00	66.50		6	
5300 E02 3515	51032010116				EX	15.00	9.00	66.50		6	
5300 E03 0094	51032030365	Man	D2066 Euro 430 Common Rail	Baga	IN	42.15	32.50	8.00		30	6
5300 E03 0095	51032030366				EX	40.15	32.50	8.00		45	6
5301 E01 3656	51041010523	Man	TGA D2840 D 2876 LF25	Supap	IN	44.00	9.00	153.60		30	6
5301 E01 3657	51041010524				EX	41.00	9.00	153.60		45	6
5301 E02 3520	51032010115	Man	TGA D2840 D 2876 LF26	Gayd	IN	15.00	9.00	66.50		6	
5301 E02 3520	51032010115				EX	15.00	9.00	66.50		6	
5301 E03 0096	51032030345	Man	TGA D2840 D 2876 LF25	Baga	IN	46.15	37.25	7.80		30	6
5301 E03 0097	51032030346				EX	44.15	36.00	7.80		45	6
5302 E01 3658	5104010537	Man	TGL/TGM D0834/D0836	Supap	IN	38.00	7.00	141.50		30	8
5302 E01 3659	5104010538				EX	34.00	7.00	141.20		45	8
5302 E02 3521	51032010122	Man	TGL/TGM D0834/D0837	Gayd	IN	13.00	7.00	60.00		8	
5302 E02 3521	51032010122				EX	13.00	7.00	60.00		8	


**FOR MERCEDES**
**AĞIR VASITA**

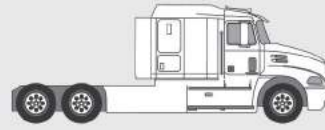
Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
430 E01 3675	457 053 00 01	Mercedes	OM457 Axor/Actros 1840 Euro 4 (Y.M.) 24V	Supap	IN	45.50	9.00	145.00		30	12
430 E01 3676	457 050 03 27				EX	42.10	9.00	145.00		55	12
430 E02 3592	541 053 12 30	Mercedes	OM457 Axor/Actros 1840 Euro 4 (Y.M.) 24V	Gayd	IN	15.00	9.00	61.00			12
430 E02 3592	541 053 12 30				EX	15.00	9.00	61.00			
430 E03 0100	5410531731	Mercedes	OM457 Axor/Actros 1840 Euro 4 (Y.M.) 24V	Baga	IN	47.45	39.50	7.80		30	12
430 E03 0101	5410530532				EX	43.15	34.50	8.00		55	12
433 E01 0008	366 050 03 26	Mercedes	OM364 25.17 Std./0.5k	Supap	IN	42.00	9.00	140.50		30	6
433 E01 0009	366 050 02 27				EX	36.00	10.00	140.50			45
433 E02 0430	352 053 22 29	Mercedes	OM364 25.17	Gayd	IN	15.00	9.00	72.00			6
433 E02 0431	352 053 37 30				EX	15.00	10.00	67.00			
434 E01 3157	423 050 00 26	Mercedes	OM 0303/402 (E.M.)	Supap	IN	59.00	12.00	142.50		30	8
434 E01 3158	423 050 04 27				EX	51.00	12.00	142.50			45
434 E02 0434	403 053 00 30	Mercedes	OM 0303/402 (E.M.)	Gayd	IN	18.00	12.00	67.00			8
434 E02 0434	403 053 00 30				EX	18.00	12.00	67.00			
434 E03 0021	4030530331	Mercedes	OM 0303/402 (E.M.)	Baga	IN	61.15	51.00	8.00		30	8
434 E03 0022	4030530032				EX	53.15	42.50	9.70		45	8
436 E01 0017	442 050 03 26	Mercedes	OM 0303/403 V8 (Y.M.)	Supap	IN	59.00	12.00	142.50		30	8
436 E01 0018	442 050 03 27				EX	51.00	12.00	142.50			45
436 E02 0434	403 053 00 30	Mercedes	OM 0303/403 V8 (Y.M.)	Gayd	IN	18.00	12.00	67.00			8
436 E02 0434	403 053 00 30				EX	18.00	12.00	67.00			
436 E03 0023	4220530531	Mercedes	OM 0303/403 V8 (Y.M.)	Baga	IN	60.15	51.00	8.90		30	8
436 E03 0024	4220530032				EX	53.15	42.50	9.70		45	8
437 E01 0023	352 053 0101	Mercedes	OM352 Std./0.5k	Supap	IN	44.00	9.00	140.50		45	6
437 E01 0024	352 053 1505				EX	36.00	10.00	140.50			45
437 E02 0435	312 053 02 30	Mercedes	OM352	Gayd	IN	15.00	9.00	77.00			6
437 E02 0436	321 053 12 30				EX	15.00	10.00	77.00			
437 E03 0058	3520533131	Mercedes	OM352	Baga	IN	45.15	37.00	8.30		45	6
437 E03 0059	3660531632				EX	38.15	28.00	8.50		45	6
449 E01 0244	346 053 01 01	Mercedes	OM346/OM355	Supap	IN	42.00	9.00	129.80		45	12
449 E01 0245	346 053 00 05				EX	37.00	9.00	165.30			45
449 E02 0450	346 053 09 29	Mercedes	OM355/OM346	Gayd	IN	15.00	9.00	68.50			12
449 E02 0451	346 053 03 30				EX	15.00	9.00	86.50			
449 E03 0062	3550531131	Mercedes	OM346/OM355	Baga	IN	51.15	37.00	7.50		45	12
449 E03 0063	3550531032				EX	40.15	31.00	7.50		45	12
450 E01 0246	355 053 00 01	Mercedes	OM355 A Turbo	Supap	IN	42.00	9.00	130.60		30	12
450 E01 0247	355 053 00 05				EX	37.00	9.00	165.90			30
450 E02 0450	346 053 09 29	Mercedes	OM355 A Turbo	Gayd	IN	15.00	9.00	68.50			12
450 E02 0451	346 053 03 30				EX	15.00	9.00	86.50			
450 E03 0098	3550530131	Mercedes	OM355 A Turbo	Baga	IN	51.15	37.00	7.50		30	12
450 E03 0099	3550530032				EX	40.15	31.00	7.50		30	12


**FOR MERCEDES**
**AĞIR VASITA**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
460 E01 3023	541 050 02 26	Mercedes	OM501 24V OM502 32V Actros	Supap	IN	45.50	9.00	145.00		30	12
460 E01 3024	541 050 02 27				EX	41.00	9.00	145.00		45	12
460 E02 3065	541 053 1230	Mercedes	OM501 Actros 24V OM502 Travego 32V	Gayd	IN	15.00	9.00	61.00		12	
460 E02 3065	541 053 1230				EX	15.00	9.00	61.00		12	
460 E03 0064	5410531731	Mercedes	OM501 24V OM502 32V Actros	Baga	IN	47.45	39.50	7.80		30	12
460 E03 0065	5410530532				EX	43.15	34.50	8.00		45	12
460 E01 3660	541 016 05 91	Mercedes	Actros 501/502 Fren EVB	Supap		17.00	8.00	86.80		45	6
461 E01 3452	906 050 03 26	Mercedes	OM904 Atego 12V OM906 Axor 18V	Supap	IN	34.00	8.00	128.90		20	8
461 E01 3404	906 050 03 27				EX	38.00	8.00	152.60			45
461 E02 3388	906 053 05 29	Mercedes	OM904 Atego 12V OM906 Axor 18V	Gayd	IN	14.00	8.00	60.00		8	
461 E02 3388	906 053 05 29				EX	14.00	8.00	60.00		4	
461 E03 0060	9060530131	Mercedes	OM904 Atego 12V OM906 Axor 18V	Baga	IN	35.15	28.00	8.50		20	8
461 E03 0061	9060530132				EX	40.15	31.00	8.00		45	4
461 E01 3661	906 016 0791	Mercedes	Atego/Axor Fren EVB	Supap		15.30	6.00	81.60		20	6
462 E01 3471	366 050 02 26	Mercedes	OM366 25.21 Std./0.5k	Supap	IN	43.00	9.00	140.50		30	6
462 E01 0009	366 050 05 27				EX	36.00	10.00	140.50			45
462 E01 0012	366 050 07 26	Mercedes	OM366 25.21 Std./0.5k	Supap	IN	42.00	9.00	140.50		20	6
462 E01 0009	366 050 05 27				EX	36.00	10.00	140.50			45
462 E02 0430	352 053 22 29	Mercedes	OM364/366 25.17/25.21	Gayd	IN	15.00	9.00	72.00		6	
462 E02 0431	352 053 37 30				EX	15.00	10.00	67.00		6	
465 E01 0023	352 053 01 01	Mercedes	OM314	Supap	IN	44.00	9.00	140.50		45	4
465 E01 0024	352 053 15 05				EX	36.00	10.00	140.50			45
466 E01 3982	524 053 11 01	Mercedes	M2 MTU	Supap	IN	57.00	11.00	223.20		30	6
466 E01 3983	524 053 09 05				EX	56.00	11.00	223.20			45
467 E01 3984	442 050 01 26	Mercedes	OM447	Supap	IN	59.00	12.00	142.50		20	6
467 E01 3985	447 050 03 27				EX	51.00	12.00	142.50			20
468 E01 4090	-	Mercedes	Arocs Çekici 24V 471 Motor	Supap	IN	45.10	9.50	240.00		20	12
468 E01 4091	-				EX	43.10	9.50	246.50			30


**FOR DAF**
**AĞIR VASITA**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
080 E01 0458	613965/674830	Daf	2300 (DH825)	Supap	IN	51.40	10.00	148.70		30	6
080 E01 0459	613966/674829				EX	42.80	10.00	148.60		30	6
080 E02 0453	655401	Daf	2300 (DH825)	Gayd	IN	16.00	10.00	71.10		6	6
080 E02 0453	655401				EX	16.00	10.00	71.10			
081 E01 0186	242253	Daf	2800	Supap	IN	56.70	11.00	152.20		30	6
081 E01 0187	242199				EX	49.30	11.00	150.10		30	6
081 E02 0453	655401	Daf	2800	Gayd	IN	17.50	11.00	70.00		6	6
081 E02 0453	655401				EX	17.50	11.00	70.00			
082 E01 0454	1259989/266305	Daf	95 310 WS 225 Intercooler	Supap	IN	54.80	11.00	175.00		30	6
082 E01 0455	1254382/266306				EX	49.80	11.00	175.00		30	6
082 E02 0456	266425	Daf	95 310 WS 225 Intercooler	Gayd	IN	17.50	11.00	75.00		6	6
082 E02 0456	266425				EX	17.50	11.00	75.00			
084 E01 0463	267356	Daf	3300	Supap	IN	54.90	11.00	152.20		30	6
084 E01 0464	267357				EX	47.70	11.00	150.10		30	6
085 E01 0467	211260	Daf	1100/1600 (DD575)	Supap	IN	42.00	8.64	141.40		30	6
085 E01 0469	517472/210504				EX	39.30	8.63	140.90		30	6
085 E02 0470	210279	Daf	1100/1600 (DD575)	Gayd	IN	14.30	8.70	71.10		6	6
085 E02 0470	210279				EX	14.30	8.70	71.10			
086 E01 3420	1342220	Daf	CF85 24V Euro 2 (Y.M.)	Supap	IN	45.50	9.00	164.00		20	12
086 E01 3421	1362696				EX	42.50	9.00	158.70		45	12
086 E02 3389	1313683	Daf	CF85 24V Euro 2 (Y.M.)	Gayd	IN	15.00	9.00	77.00		12	12
086 E02 3389	1313683				EX	15.00	9.00	77.00			
087 E01 1141	1307654	Daf	95 XF 24V	Supap	IN	45.50	9.00	164.00		30	12
087 E01 1142	1307655				EX	42.50	9.00	159.30		30	12
087 E02 0128	1313683	Daf	95 XF 24V	Gayd	IN	15.10	9.00	77.00		12	12
087 E02 0128	1313683				EX	15.10	9.00	77.00			
087 E03 0243	1283702	Daf	95 XF 24V	Baga	IN	48.15	40.00	7.80		30	12
087 E03 0244	1283703				EX	48.15	37.00	7.30		30	12
2500 E01 3563	1434258	Daf	CF85 Euro 3 24V (Y.M.)	Supap	IN	45.50	9.00	164.40		20	12
2500 E01 3564	1554342				EX	42.50	9.00	158.70		45	12
2501 E01 3569	134 55 09	Daf	CF75/95X530	Supap	IN	40.45	9.00	158.00		20	12
2501 E01 3570	135 21 27				EX	37.00	9.00	154.20		45	12
2502 E01 3941	1789874	Daf	XF105/460 24V	Supap	IN	44.00	10.00	170.00		20	12
2502 E01 3942	1783722				EX	41.00	10.00	169.70		30	12
2502 E02 3612	1367260	Daf	XF105/460 24V	Gayd	IN	16.00	10.00	73.00		12	12
2502 E02 3612	1367260				EX	16.00	10.00	73.00			
2502 E03 0211	-	Daf	XF105/460 24V	Baga	IN	46.60	37.50	6.50		20	12
2502 E03 0212	-				EX	43.60	34.50	6.50		30	12
2503 E01 4023	1684513	Daf	XF105 (Paccar MX)	Supap	IN	45.50	10.00	169.30		20	12
2503 E01 4024	1678541				EX	42.40	10.00	168.50		30	12
2503 E02 3639	1367260	Daf	XF105/460 24V	Gayd	IN	16.00	10.00	73.00		12	12
2503 E02 3639	1367260				EX	16.00	10.00	73.00			
2504 E01 4045	267356	Daf	3300 (Y.M.)	Supap	IN	54.90	11.00	152.50		30	12
2504 E01 4046	267357				EX	47.70	11.00	150.40		30	12
2505 E01 4175	-	Daf	XF105 24V 4 Tırnak (Y.M.)	Supap	IN	44.00	10.00	170.00		20	12
2505 E01 4176	-				EX	41.00	10.00	169.70		30	12


**FOR DAF**
**AĞIR VASITA**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
2506 E01 4184	-	Daf	635.40 Turbo Major	Supap	IN	42.40	9.00	195.00		20	12
2506 E01 4185	-				EX	39.00	9.00	194.00		30	12
















**FOR R.V.I**
**AĞIR VASITA**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
660 E01 3031	5000 860 678	R.V.I	635.40 Turbo Major	Supap	IN	60.00	12.00	189.30		30	6
660 E01 3032	5000 659 741				EX	54.00	12.00	189.30		45	6
660 E02 3359	0000 151 539	R.V.I	635.40 Turbo Major	Gayd	IN	20.00	12.00	105.00			6
660 E02 3359	0000 150 262				EX	20.00	12.00	105.00			6
661 E01 3033	5000 678 873	R.V.I	635.40 H/2 Turbo Magnum	Supap	IN	60.00	12.00	204.40		30	6
661 E01 3034	5000 678 652				EX	52.00	12.00	205.10		30	6
661 E02 3360	151539	R.V.I	635.40 H/2 Turbo Magnum	Gayd	IN	22.00	12.00	103.50			6
661 E02 3360	150262				EX	22.00	12.00	97.50			6
662 E01 3035	5000 681 141	R.V.I	620.45 Midr/Premium 260/300/385	Supap	IN	54.00	9.00	163.30		30	6
662 E01 3036	5000 670 206				EX	48.00	9.00	163.10		45	6
662 E02 3361	5010 359 098	R.V.I	620.45 Midr/Premium 260/300/385	Gayd	IN	17.00	9.00	78.00			6
662 E02 3560	157983				EX	17.00	9.00	78.00			6
662 E03 0130	5010295252	R.V.I	620.45 Midr/Premium 260/300/385	Baga	IN	56.15	46.00	8.30		30	6
662 E03 0131	771259				EX	52.15	40.50	11.00		45	6
663 E01 3037	5000 146 781	R.V.I	Midr 635.40	Supap	IN	60.00	12.00	189.30		45	6
663 E01 3032	5000 659 741				EX	54.00	12.00	189.30		45	6
664 E01 3038	5000 659 284	R.V.I	Midr 635.40 Turbo	Supap	IN	60.00	12.00	189.30		30	6
664 E01 3032	5000 659 741				EX	54.00	12.00	189.30		45	6
665 E01 3310	5010 359 501	R.V.I	623.56 Krox	Supap	IN	42.00	8.00	185.50		30	6
665 E01 3311	5010 412 164				EX	38.00	8.00	185.50		45	6
665 E02 3667	5010 550 145	R.V.I	623.56 Krox	Gayd	IN	14.00	8.00	80.00			6
665 E02 3667	5010 550 146				EX	14.00	8.00	80.00			6
669 E01 3913	742 083 39 32	R.V.I	Midr Midlum	Supap	IN	38.20	8.00	146.00		30	6
669 E01 3914	742 083 39 36				EX	35.80	8.00	146.00		45	6
670 E01 3320	5010 450 309	R.V.I	Premium/Midlum 135/150/210/250	Supap	IN	46.60	10.00	140.20		30	6
670 E01 3321	5010 553 312				EX	40.60	10.00	140.20		45	6
670 E02 3656	5000 684 383	R.V.I	Premium/Midlum 135/150/210/250	Gayd	IN	16.00	10.00	78.00			6
670 E02 3657	5000 684 384				EX	16.00	10.00	67.00			6
670 E03 0213	5000 667 779	R.V.I	Premium/Midlum 135/150/210/250	Baga	IN	47.12	38.00	7.60		30	6
670 E03 0214	5000 134 825				EX	43.12	34.00	7.50		45	6
674 E01 3571	742 054 0017	R.V.I	Midr 440 24V	Supap	IN	40.00	8.00	192.20		30	12
674 E01 3572	742 056 40 20				EX	38.00	8.00	192.90		30	12
674 E02 3593	20904074	R.V.I	Midr 440 24V	Gayd	IN	15.00	8.00	83.50			12
674 E02 3593	20904074				EX	15.00	8.00	83.50			12




 FOR **SCANIA**

AĞIR VASITA

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
726 E01 0300	272804	Scania	DS 10/11/14 Turbo 30'	Supap	IN	54.00	11.00	162.50		30	6
726 E01 0301	232018				EX	45.00	11.00	162.50		45	6
726 E02 0408	300957	Scania	DS 10/11/14 Turbo 30'	Gayd	IN	18.00	11.00	80.00			6
726 E02 0409	300958				EX	18.00	11.00	73.00			6
726 E03 0247	289517-5	Scania	DS 10/11/14 Turbo 30'	Baga	IN	56.15	47.50	7.50		30	6
726 E03 0002	242672-4				EX	52.15	40.30	10.30		45	6
727 E01 0302	294674	Scania	112 DSC 11 Turbo 20'	Supap	IN	54.00	11.00	162.50		20	6
727 E01 0301	232018				EX	45.00	11.00	162.50		45	6
727 E02 0408	300957	Scania	110/111/112/142	Gayd	IN	18.00	11.00	80.00			6
727 E02 0409	300958				EX	18.00	11.00	73.00			6
727 E03 0001	289517-5	Scania	112 DSC 11 Turbo 20'	Baga	IN	56.15	47.50	7.50		20	6
727 E03 0002	242672-4				EX	52.15	40.30	10.30		45	6
728 E01 0303	324675	Scania	142 DS 11/14 Turbo 20'	Supap	IN	54.00	11.00	162.50		20	6
728 E01 0320	1360834				EX	45.00	11.00	162.50		45	6
729 E01 0300	272804	Scania	110 D10/DN 11 DS14 Turbo 30'	Supap	IN	54.00	11.00	162.50		30	6
729 E01 1061	243477				EX	44.00	11.00	162.50		30	6
729 E03 0245	-	Scania	110 D10/DN 11 DS14 Turbo 30'	Baga	IN	60.15	50.00	8.00		30	6
729 E03 0246	-				EX	52.15	40.00	8.00		30	6
730 E01 1062	215715	Scania	DS8 Turbo	Supap	IN	50.00	11.00	169.00		30	6
730 E01 1063	1361196				EX	42.00	11.00	169.00		45	6
730 E02 1133	-	Scania	DS8 Turbo	Gayd	IN	18.00	11.00	75.00			6
730 E02 1134	-				EX	18.00	11.00	68.00			6
730 E03 0013	-	Scania	DS8 Turbo	Baga	IN	55.15	45.00	7.60		30	6
730 E03 0014	-				EX	47.15	37.00	9.00		45	6
731 E01 0780	391608	Scania	DS 9/DSC 9/92-93 Turbo	Supap	IN	51.00	11.00	162.50		20	6
731 E01 0781	278102				EX	44.00	11.00	162.50		45	6
731 E02 3355	300957	Scania	DS 9/DSC 9/92-93 Turbo	Gayd	IN	18.00	11.00	68.00			6
731 E02 3558	300958				EX	18.00	11.00	68.00			6
731 E03 0003	351351	Scania	DS 9/DSC 9/92-93 Turbo	Baga	IN	53.15	43.00	8.50		20	6
731 E03 0004	351352				EX	49.15	39.00	10.00		45	6
732 E01 1062	215715	Scania	D8 Turbo	Supap	IN	50.00	11.00	169.00		30	6
732 E01 1065	1361195				EX	42.00	11.00	169.00		30	6
732 E02 1133	277409	Scania	D8 Turbo	Gayd	IN	18.00	11.00	75.00			6
732 E02 1133	277409				EX	18.00	11.00	75.00			6
732 E03 0013	-	Scania	D8 Turbo	Baga	IN	55.15	43.00	8.50		30	6
732 E03 0112	-				EX	47.15	37.00	8.00		30	6
733 E01 3198	1477022/1333230	Scania	DSC12/124 24V Turbo	Supap	IN	44.00	10.00	171.50		20	12
733 E01 3199	1445830/1328537				EX	41.00	10.00	171.50		45	12
733 E02 3356	1403823	Scania	DSC12/124 24V Turbo	Gayd	IN	16.00	10.00	73.00			12
733 E02 3356	1403823				EX	16.00	10.00	73.00			12
733 E03 0117	1403825	Scania	DSC12/124 24V Turbo	Baga	IN	46.15	35.00	8.00		20	12
733 E03 0129	1403828				EX	44.15	35.00	8.50		45	12







 FOR **SCANIA**

AÇIR VASITA

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
735 E01 3763	294674	Scania	143	Supap	IN	54.00	11.00	162.50		20	6
735 E01 0326	352347				EX	44.50	11.00	162.50		45	6
737 E01 3685	1886246	Scania	124 24V 4 Tırnak	Supap	IN	44.00	9.95	171.50		20	12
737 E01 3686	1886247				EX	41.00	9.94	171.50		45	12
737 E02 3356	1403823	Scania	124 24V	Gayd	IN	16.00	10.00	73.00			12
737 E02 3356	1403823				EX	16.00	10.00	73.00		12	
737 E03 0117	1403825	Scania	124 24V	Baga	IN	46.15	35.00	8.00		20	12
737 E03 0129	1403828				EX	44.15	35.00	8.50		45	12
738 E01 3780	1386647	Scania	DC 94/95	Supap	IN	46.00	11.00	162.50		20	6
738 E01 3781	1386648				EX	41.00	11.00	162.50		45	6
738 E02 3355	39263	Scania	DC 94/95	Gayd	IN	18.00	11.00	75.00			6
738 E02 3558	1398624				EX	18.00	11.00	68.00		6	
739 E01 3685	188 70 56	Scania	124 24V 4 Tırnak	Supap	IN	44.00	10.00	171.50		20	12
739 E01 3856	2026052				EX	41.00	10.00	171.50		30	12
739 E02 3356	1403823	Scania	124 24V	Gayd	IN	16.00	10.00	73.00			12
739 E02 3356	1403823				EX	16.00	10.00	73.00		12	
739 E03 0117	1403825	Scania	124 24V	Baga	IN	46.15	35.00	8.00		20	12
739 E03 0118	-				EX	44.15	35.00	8.50		30	12


 FOR **VOLVO**

AĞIR VASITA

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
879 E01 3581	20551761	Volvo	FM9/260-300-340-380 (D9A) 3 Tırnak 24V	Supap	IN	38.00	8.00	191.90		30	12
879 E01 3582	20570965				EX	38.00	8.00	191.70		30	12
879 E02 0413	3183283-5	Volvo	FM9/260-300-340-380 (D9A) 24V	Gayd	IN	15.00	8.00	83.40			12
879 E02 0413	3183283-5				EX	15.00	8.00	83.40			12
879 E03 0138	20555102	Volvo	FM9/260-300-340-380 (D9A) 24V	Baga	IN	40.10	31.00	7.40		30	12
879 E03 0139	20555104				EX	41.10	31.00	7.40		30	12
880 E01 3583	20528110	Volvo	FM9/260-300-340-380 (D9A) Tek Tırnak 24V	Supap	IN	38.00	8.00	191.90		30	12
880 E01 3584	20516141				EX	38.00	8.00	191.70		30	12
880 E02 0413	3183283-5	Volvo	FM9/260-300-340-380 (D9A) 24V	Gayd	IN	15.00	8.00	83.40			12
880 E02 0413	3183283-5				EX	15.00	8.00	83.40			12
880 E03 0138	20555102	Volvo	FM9/260-300-340-380 (D9A) 24V	Baga	IN	40.10	31.00	7.40		30	12
880 E03 0139	20555104				EX	41.10	31.00	7.40		30	12
881 E01 0333	422016.6	Volvo	N10/TD100/F88 2 Tırnak	Supap	IN	50.00	11.00	167.20		30	6
881 E01 0334	422017.4				EX	46.00	11.00	167.20		45	6
881 E02 0402	422320.2	Volvo	N10/TD100/F88	Gayd	IN	18.00	11.00	82.00			6
881 E02 0403	421297.3				EX	18.00	11.00	66.00			6
881 E03 0019	467474-3	Volvo	N10/TD100/F88	Baga	IN	54.12	44.30	6.80		30	6
881 E03 0020	467475-0				EX	49.12	40.00	11.50		45	6
882 E01 0336	479204	Volvo	F10/TD100	Supap	IN	50.00	11.00	167.20		30	6
882 E01 0337	467855-3				EX	46.00	11.00	167.20		45	6
882 E02 0402	422320.2	Volvo	F10/TD100	Gayd	IN	18.00	11.00	82.00			6
882 E02 0403	421297.3				EX	18.00	11.00	66.00			6
882 E03 0019	467474-3	Volvo	F10/TD100	Baga	IN	54.12	44.30	6.80		30	6
882 E03 0020	467475-0				EX	49.12	40.00	11.50		45	6
883 E01 0338	468302-5	Volvo	F12/TD120	Supap	IN	54.00	11.00	167.20		30	6
883 E01 0339	468303-3				EX	50.00	11.00	167.20		45	6
883 E02 0402	422320.2	Volvo	F12/TD120	Gayd	IN	18.00	11.00	82.00			6
883 E02 0403	421297.3				EX	18.00	11.00	66.00			6
883 E03 0051	423011-6	Volvo	F12/TD120	Baga	IN	59.12	49.00	6.80		30	6
883 E03 0052	468448-6				EX	56.65	45.00	9.50		45	6
884 E01 3222	477447	Volvo	TD73 E/ES Turbo	Supap	IN	43.00	8.00	149.70		30	6
884 E01 3223	477443				EX	39.00	8.00	149.70		45	6
884 E02 0410	477877	Volvo	TD73 E/ES Turbo	Gayd	IN	16.00	8.00	64.50			6
884 E02 0410	477877				EX	16.00	8.00	64.50			6
884 E03 0025	477657	Volvo	TD73 E/ES Turbo	Baga	IN	46.15	37.00	8.00		30	6
884 E03 0026	477659				EX	42.15	32.50	8.60		45	6
885 E01 0343	420553.0	Volvo	TD60 Yavuz Std./0.5k	Supap	IN	41.00	8.00	145.30		30	6
885 E01 0344	465549.4				EX	37.00	8.00	145.30		45	6
885 E02 0404	465157.6	Volvo	TD60/TD61 Yavuz	Gayd	IN	16.00	8.00	64.50			6
885 E02 0404	465157.6				EX	16.00	8.00	64.50			6
885 E03 0055	465158-4	Volvo	TD60 Yavuz	Baga	IN	43.60	35.00	6.20		30	6
885 E03 0066	465155-0				EX	41.60	31.90	8.90		45	6


 FOR **VOLVO**

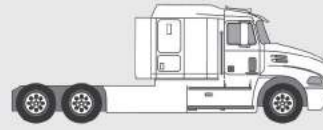
AÇIR VASITA

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
886 E01 0346	421016.7	Volvo	D70 2 Tırmak	Supap	IN	43.00	11.00	148.60		30	6
886 E01 0347	421208.0				EX	37.00	11.00	148.55		45	6
886 E02 0411	421297	Volvo	TD70	Gayd	IN	18.00	11.00	66.00			6
886 E02 0411	421297				EX	18.00	11.00	66.00			6
886 E03 0144	421011-8	Volvo	TD70	Baga	IN	46.12	37.50	8.00		30	6
886 E03 0145	466266-4				EX	44.12	34.00	9.00		45	6
887 E01 0349	466379.5	Volvo	TD70/TD71 Turbo Tek Tırmak	Supap	IN	43.00	11.00	148.60		30	6
887 E01 0350	421680				EX	37.00	11.00	148.70		45	6
887 E02 0411	421297	Volvo	TD70/TD71 Turbo	Gayd	IN	18.00	11.00	66.00			6
887 E02 0411	421297				EX	18.00	11.00	66.00			6
887 E03 0017	421011-8	Volvo	TD70/TD71 Turbo	Baga	IN	46.12	37.50	8.00		30	6
887 E03 0018	421012-6				EX	44.12	34.00	9.00		45	6
888 E01 0762	1547492	Volvo	FH12 A Serisi D 12A 24V Turbo	Supap	IN	40.00	8.00	192.00		30	12
888 E01 0763	1547490				EX	40.00	8.00	191.70		45	12
888 E01 3601	20459326	Volvo	FH12 C Serisi D 12A 24V Turbo	Supap	IN	40.00	8.00	192.00		30	12
888 E01 0763	1547490				EX	40.00	8.00	191.70		45	12
888 E02 0413	1546437	Volvo	FH12/D 12A 24V Turbo	Gayd	IN	15.00	8.00	83.40			12
888 E02 0413	1546437				EX	15.00	8.00	83.40			12
888 E03 0047	3183227	Volvo	FH12 C Serisi D 12A 24V Turbo	Baga	IN	43.12	32.10	8.50		30	12
888 E03 0048	3165369				EX	43.12	33.10	8.20		45	12
889 E01 0764	1543026	Volvo	F16 16V / TD162 24V	Supap	IN	47.00	9.50	176.75		30	8
889 E01 0765	1543027				EX	45.00	9.50	176.85		45	8
889 E02 0414	1556607.8	Volvo	F16 16V / TD162 24V	Gayd	IN	16.00	9.50	82.00			8
889 E02 0415	1556604.1				EX	16.00	9.50	71.00			8
889 E03 0015	1556148	Volvo	TD162 24V	Baga	IN	50.12	39.50	7.60		30	12
889 E03 0016	1556149				EX	48.12	37.50	12.10		45	12
889 E03 0015.1	1543860	Volvo	F16 16V	Baga	IN	50.12	41.00	6.20		30	8
889 E03 0016.1	1543861				EX	48.12	36.00	11.10		45	8
890 E01 1089	4804480-4	Volvo	Bolinder D42 Tek Tırmak	Supap	IN	42.00	11.00	150.50		45	4
890 E01 1090	4804478-4				EX	36.00	11.00	150.20		45	4
890 E02 3513	785597	Volvo	Bolinder D30/40/D42	Gayd	IN	18.00	11.00	78.00			4
890 E02 3513	785597				EX	18.00	11.00	78.00			4
890 E03 0067	858331-2	Volvo	Bolinder D42	Baga	IN	45.85	37.50	6.20		45	4
890 E03 0068	860035-5				EX	44.15	34.00	9.50		45	4
891 E01 3571	7420540017	Volvo	FM11/440/460/480 (Y.M.) 24V 3 Tırmak	Supap	IN	40.00	8.00	192.20		30	12
891 E01 3572	7420564020				EX	38.00	8.00	192.90		30	12
891 E02 3593	20904074	Volvo	FM11/440/460/480 (Y.M.) 24V	Gayd	IN	15.00	8.00	83.50			12
891 E02 3593	20904074				EX	15.00	8.00	83.50			12
891 E03 0108	20522783	Volvo	FM11/440/460/480 (Y.M.) 24V	Baga	IN	42.10	31.00	7.40		30	12
891 E03 0109	20587847				EX	40.10	30.90	6.50		30	12
893 E01 3332	838637	Volvo	TD 41 G Turbo	Supap	IN	39.00	8.00	126.50		30	6
893 E01 3333	839638				EX	37.00	8.00	126.50		45	6
894 E01 0007	423016-5	Volvo	N12/TD120 F89 2 Tırmak	Supap	IN	54.00	11.00	167.20		30	6
894 E01 0013	423017-3				EX	50.00	11.00	167.20		45	6
894 E03 0051	423011-6	Volvo	N12/TD120 F89	Baga	IN	59.12	49.00	6.80		30	6
894 E03 0052	468448-6				EX	56.65	45.00	9.50		45	6


 FOR **VOLVO**

AĞIR VASITA

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
896 E01 3508	20740798	Volvo	FH12 D13 24V (Y.M.) 3 Tırmak	Supap	IN	42,00	8,00	191,90		25	12
896 E01 3509	20768519				EX	40,00	8,00	191,50		40	12
896 E02 3575	209 04 074	Volvo	FH12 D13 24V (Y.M.)	Gayd	IN	15,00	8,00	83,50			12
896 E02 3575	209 04 074				EX	15,00	8,00	83,50			12
896 E03 0104	20561997	Volvo	FH12 D13 24V (Y.M.)	Baga	IN	45,12	33,10	7,55		25	12
896 E03 0105	20530103				EX	43,12	33,10	7,55		40	12
997 E01 3029	420016	Volvo	TD50/D50	Supap	IN	39,50	9,50	142,80		30	6
997 E01 3030	420017				EX	35,00	9,50	142,80			45
997 E02 3525	420280	Volvo	TD50/D50	Gayd	IN	16,00	9,50	64,00			6
997 E02 3525	420280				EX	16,00	9,50	64,00			6
997 E03 0113	420011-9	Volvo	TD50/D50	Baga	IN	42,15	35,00	6,30		30	6
997 E03 0114	420012-7				EX	40,15	31,90	9,00		45	6
999 E01 1118	781 840	Volvo	Traktör D350	Supap	IN	45,00	11,00	158,00		45	3
999 E01 1119	781 839				EX	40,00	11,00	158,00			45
9502 E01 3926	20739057	Volvo	D16 (TD1630)	Supap	IN	49,00	10,00	193,00		25	12
9502 E01 3927	20513285				EX	46,00	10,00	191,30			45
9502 E02 3621	20562837	Volvo	D16 (TD1630)	Gayd	IN	16,00	10,00	83,40			12
9502 E02 3621	20562837				EX	16,00	10,00	83,40			12
9502 E03 0146	1556148	Volvo	D16 (TD1630)	Baga	IN	50,12	39,50	7,60		25	12
9502 E03 0147	1556149				EX	48,12	37,50	12,10		45	12


 FOR **BMC**

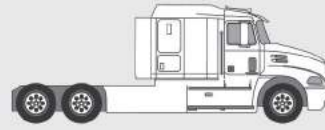
AĞIR VASITA

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
028 E01 3691	308 2924	BMC	Profesyonel 625	Supap	IN	33.10	7.00	124.80		30	12
028 E01 3692	380 2967				EX	32.80	7.00	124.40		45	12
028 E03 0203	3943449	BMC	Profesyonel 625	Baga	IN	34.92	27.90	5.75		30	12
028 E03 0204	3943450				EX	34.92	27.90	5.75		45	12
066 E01 0178	392 0867	BMC	Fatih 162.25 Std./0.5k 4BT/6BT	Supap	IN	45.00	8.00	129.15		30	6
066 E01 0179	392 0868				EX	42.00	8.00	129.00		45	6
066 E01 0178.2	392 0867	BMC	Fatih 162.25 Sap 0.010 Std./0.5k 4BT/6BT	Supap	IN	45.00	8.23	129.15		30	6
066 E01 0179.2	392 0868				EX	42.00	8.23	129.00		45	6
066 E01 0178.4	392 0867	BMC	Fatih 162.25 Sap 0.020 Std./0.5k 4BT/6BT	Supap	IN	45.00	8.48	129.15		30	6
066 E01 0179.4	392 0868				EX	42.00	8.48	129.15		45	6
066 E02 0565	390 4408	BMC	Fatih 162.25 4BT/6BT	Gayd	IN	14.00	8.00	60.50			6
066 E02 0566	390 4409				EX	14.00	8.00	51.70			6
066 E03 0136	3906854	BMC	Fatih 162.25 4BT/6BT	Baga	IN	47.15	37.00	8.30		30	6
066 E03 0137	3904105				EX	43.80	34.00	8.50		45	6
067 E01 0180	390 2253	BMC	Fatih Dev Std./0.5k	Supap	IN	52.00	9.50	150.90		30	6
067 E01 0181	390 2254				EX	46.00	9.50	150.80		45	6
067 E02 0567	355 3870	BMC	Fatih Dev	Gayd	IN	16.00	9.50	72.00			6
067 E02 0567	355 3870				EX	16.00	9.50	72.00			6
067 E03 0163	3908830	BMC	Fatih Dev	Baga	IN	54.15	44.00	9.00		30	6
067 E03 0164	3904716				EX	47.15	39.50	8.00		45	6
178 E01 3522	39442588	BMC	Profesyonel 935 24V (Y.M.)	Supap	IN	38.00	8.00	137.75		30	12
178 E01 3523	39442589				EX	38.00	8.00	137.75		45	12
178 E02 3372	-	BMC	Profesyonel 935 24V (Y.M.)	Gayd	IN	14.00	8.00	49.50			12
178 E02 3372	-				EX	14.00	8.00	49.50			12
178 E03 0136	-	BMC	Profesyonel 935 24V (Y.M.)	Baga	IN	39.50	32.50	6.00		30	12
178 E03 0137	-				EX	39.50	32.50	6.00		45	12


 FOR **FIAT**







AÇIR VASITA

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
104 E01 0190	4683025	Fiat	Iveco 697 N/691/693 (8210.02)	Supap	IN	59.00	11.00	170.00		45	6
104 E01 0191	4683026				EX	49.00	11.00	170.00		45	6
104 E02 0553	4630627	Fiat	Iveco 697 N/691/693 (8210.02)	Gayd	IN	18.00	11.00	86.00			6
104 E02 0554	4647763				EX	18.00	11.00	76.00			6
109 E01 3051	4797715	Fiat	Iveco 8280.02 V8 190.48 Turbo	Supap	IN	51.60	10.00	156.70		30	8
109 E01 3052	4704215				EX	45.00	10.00	156.60		45	8
109 E02 3499	4672515	Fiat	Iveco 8280.02 V8 190.48 Turbo	Gayd	IN	17.00	10.00	67.00			8
109 E02 3499	4672515				EX	17.00	10.00	67.00			8
109 E03 0171	4671767	Fiat	Iveco 8280.02 V8 190.48 Turbo	Baga	IN	53.15	44.10	7.30		30	8
109 E03 0172	4647847				EX	47.15	40.10	7.30		45	8
124 E01 0130	4673862	Fiat	Iveco 330.36 Turbo	Supap	IN	57.40	11.00	170.00		30	6
124 E01 0132	4673861				EX	48.00	11.00	169.90		45	6
124 E02 3032	4630627	Fiat	Iveco 330.36 Turbo	Gayd	IN	18.00	11.00	86.00			6
124 E02 3033	4647763				EX	18.00	11.00	76.00			6
138 E01 0788	61320722	Fiat	Iveco Eng. 8460.41 190.32 Turbo	Supap	IN	49.50	9.00	147.30		30	6
138 E01 0789	61321255				EX	43.00	9.00	146.00		45	6
138 E02 3057	61585072	Fiat	Iveco Eng. 8460.41 190.32 Turbo	Gayd	IN	16.00	9.00	67.00			6
138 E02 3057	61585072				EX	16.00	9.00	67.00			6
139 E01 0778	98474603	Fiat	Iveco Eurotech Eurostar 8210 SPR	Supap	IN	57.40	11.00	170.00		30	6
139 E01 0779	98474604				EX	48.00	11.00	170.00		45	6
139 E02 3032	4630627	Fiat	Iveco Eurotech Eurostar 8210 SPR	Gayd	IN	18.00	11.00	86.00			6
139 E02 3033	4647763				EX	18.00	11.00	79.00			6
139 E03 0140	4849707	Fiat	Iveco Eurotech Eurostar 8210 SPR	Baga	IN	59.15	48.00	9.00		30	6
139 E03 0141	4673864				EX	51.10	41.00	10.00		45	6
145 E01 3502	4776446	Fiat	Iveco 8260.02 190.35 Turbo	Supap	IN	51.00	10.00	156.30		30	16
145 E01 3503	4704215				EX	45.00	10.00	156.60		45	16
145 E02 3547	4672515	Fiat	Iveco 8260.02 190.35 Turbo	Gayd	IN	17.00	10.00	67.00			16
145 E02 3547	4672515				EX	17.00	10.00	67.00			16
147 E01 3992	99444133	Fiat	Iveco 8280.42 240/440 E 52 (381 PS)	Supap	IN	51.60	10.00	156.70		25	16
147 E01 3052	99444132				EX	45.00	10.00	156.60		45	16
149 E01 3671	500355776	Fiat	Iveco Cursor 10	Supap	IN	43.00	9.00	202.90		30	12
149 E01 3672	500355779				EX	42.00	9.00	201.60		45	12
149 E02 3537	500391479	Fiat	Iveco Cursor 10	Gayd	IN	15.00	9.00	97.00			12
149 E02 3538	500391476				EX	15.00	9.00	97.00			12
149 E03 0124	99466613	Fiat	Iveco Cursor 10	Baga	IN	44.32	39.15	9.00		30	12
149 E03 0125	99466612				EX	43.12	34.60	7.80		45	12
150 E01 3673	500355778	Fiat	Iveco Euro Cursor 13	Supap	IN	47.00	10.00	199.30		30	12
150 E01 3674	500355780				EX	46.00	10.00	198.10		45	12
150 E02 3539	500390993	Fiat	Iveco Euro Cursor 13	Gayd	IN	16.00	10.00	97.00			12
150 E02 3540	500394994				EX	16.00	10.00	97.00			12
150 E03 0073	99450511	Fiat	Iveco Euro Cursor 13	Baga	IN	49.25	38.40	7.65		30	12
150 E03 0074	99450512				EX	47.05	38.40	7.80		45	12


**FOR FIAT**
**AĞIR VASITA**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
151 E01 3764	500354685	Fiat	Iveco Euro Cursor 8	Supap	IN	40.00	8.00	174.40		30	12
151 E01 3765	504042363				EX	39.00	8.00	173.30		45	12
151 E02 3597	500391440	Fiat	Iveco Euro Cursor 8	Gayd	IN	13.00	8.00	75.50		12	
151 E02 3598	500391436				EX	13.00	8.00	75.50		12	
152 E01 3695	9849724	Fiat	Iveco 8360.46 Euro-Cargo Turbo	Supap	IN	47.00	9.00	142.00		25	6
152 E01 3696	9943892				EX	42.50	9.00	142.30		45	6
152 E02 3545	4861816	Fiat	Iveco 8360.46 Euro-Cargo Turbo	Gayd	IN	16.00	9.00	62.00		6	
152 E02 3546	4861811				EX	16.00	9.00	57.00		6	

**FOR FORD**
**AĞIR VASITA**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
190 E01 0161	826F6507DAA	Ford	Cargo D1211 Std./0.5k	Supap	IN	45.70	9.50	155.80		30	6
190 E01 0162	826F6505DAA				EX	38.30	9.50	156.20		30	6
190 E02 0473	E1ADDN6510A	Ford	Cargo D1211 Std./0.5k	Gayd	IN	16.00	9.50	76.50		6	
190 E02 0473	E1ADDN6510A				EX	16.00	9.50	76.50		6	
201 E01 3625	2C466507E2A	Ford	Cargo NHDD 3226	Supap	IN	40.50	8.00	165.50		30	12
201 E01 3626	2C466505C2A				EX	38.50	8.00	165.50		45	12
201 E02 3541	2C46 6510GA	Ford	Cargo NHDD 3226	Gayd	IN	13.00	8.00	77.00		12	
201 E02 3541	2C46 6510GA				EX	13.00	8.00	77.00		12	

**FOR HINO**
**AĞIR VASITA**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
271 E01 0376	13711-1631	Hino	J08 24V	Supap	IN	38.90	7.00	132.80		30	12
271 E01 0377	13715-1730				EX	37.00	7.00	132.20		45	12
271 E02 0627	-	Hino	J08 24V	Gayd	IN	13.00	7.00	60.00		12	
271 E02 0627	-				EX	13.00	7.00	60.00		12	
978 E01 3526	13711-1550	Hino	Truck Eng. H07C	Supap	IN	47.80	9.00	134.50		30	6
978 E01 3527	13715-1590				EX	41.30	9.00	134.50		45	6
979 E01 3411	F1371-11632	Hino	Hino (Y.M.)	Supap	IN	48.00	9.00	142.30		30	6
979 E01 3412	F1371-51733				EX	41.50	9.00	142.00		45	6
980 E01 0019	13711-1090	Hino	Truck KB/RE EB300-400 (E.M.)	Supap	IN	53.00	12.00	175.20		30	6
980 E01 0020	13715-1500				EX	47.00	12.00	175.00		45	6




 FOR **KOMATSU**

























İŞ MAKİNESİ

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
349 E01 3530	6150 41 4111	Komatsu	6D 125	Supap	IN	45.00	9.00	169.50		30	6
349 E01 3531	6150 41 4210				EX	44.00	9.00	169.50		45	6
349 E02 3589	6150 12 1341	Komatsu	6D 125	Gayd	IN	16.00	9.00	67.00			6
349 E02 3590	6150 12 1351				EX	16.00	9.00	67.00			6
349 E03 0090	6150-11-1331	Komatsu	6D 125	Baga	IN	47.60	38.60	7.60		30	6
349 E03 0091	6150-11-1320				EX	46.58	38.00	7.70		45	6
350 E01 3107	6207414110	Komatsu	Forklift 6D95	Supap	IN	44.00	8.00	128.00		45	4
350 E01 3108	6204414210				EX	38.00	8.00	128.00		45	4
351 E01 3111	129900-11100	Komatsu	Forklift 4D94E (Y.M.)	Supap	IN	41.00	8.00	115.30		30	4
351 E01 3112	129900-11110				EX	35.00	8.00	115.30		45	4
351 E02 3559	-	Komatsu	Forklift 4D94E (Y.M.)	Gayd	IN	13.00	8.00	46.10			4
351 E02 3559	-				EX	13.00	8.00	46.10			4
353 E01 3115	6136424110	Komatsu	D105 W90	Supap	IN	47.00	9.00	148.50		30	6
353 E01 3116	6136424210				EX	41.00	9.00	148.50		45	6
353 E02 3681	6130 12 1310	Komatsu	D105 W90	Gayd	IN	16.00	9.00	68.50			6
353 E02 3681	6130 12 1310				EX	16.00	9.00	68.50			6
355 E01 3105	6127 41 4113	Komatsu	D155	Supap	IN	56.00	11.00	212.50		30	6
355 E01 3106	6127 41 4214				EX	53.00	11.00	212.50		45	6
355 E02 3508	6127 11 1341	Komatsu	D155	Gayd	IN	18.00	11.00	85.00			6
355 E02 3508	6127 11 1341				EX	18.00	11.00	85.00			6
355 E03 3508	6127-11-1335	Komatsu	D155	Baga	IN	60.12	51.00	9.00		30	6
355 E03 3509	6127-11-1325				EX	57.12	48.00	9.00		45	6
356 E01 3109	-	Komatsu	Forklift	Supap	IN	40.00	8.00	115.70		45	6
356 E01 3110	-				EX	34.00	8.00	115.70		45	6
357 E01 3303	6114414110	Komatsu	4D 130	Supap	IN	53.00	11.00	172.00		45	6
357 E01 3304	6114414210				EX	49.00	11.00	172.00		45	6
357 E02 3613	-	Komatsu	4D 130	Gayd	IN	18.00	11.00	83.20			6
357 E02 3614	-				EX	18.00	11.00	83.20			6
4600 E01 3852	6215414110	Komatsu	6D 140	Supap	IN	52.00	10.00	169.20		30	6
4600 E01 3853	6215414212				EX	50.00	10.00	169.20		45	6
4600 E02 3588	6212161440	Komatsu	6D 140	Gayd	IN	16.00	10.00	72.00			6
4600 E02 3588	6212161440				EX	16.00	10.00	72.00			6
4600 E03 0088	6210-11-1330	Komatsu	6D140	Baga	IN	55.12	45.00	8.80		30	6
4600 E03 0089	6210-11-1321				EX	52.12	43.00	8.60		45	6
4601 E01 3911	6150424110	Komatsu	125 (Y.M.)	Supap	IN	45.00	9.00	170.00		30	6
4601 E01 3912	6150424210				EX	44.00	9.00	170.80		45	6
4602 E01 4035	6221414110	Komatsu	6D 108	Supap	IN	50.00	9.00	148.50		30	6
4602 E01 4036	6221414210				EX	44.00	9.00	148.50		45	6
4602 E02 3682	6221 19 1311	Komatsu	6D 108 / 6D 110	Gayd	IN	14.00	9.00	59.00			6
4602 E02 3682	6221 19 1311				EX	14.00	9.00	59.00			6







**FOR CATERPILLAR**
**İŞ MAKİNESİ**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
057 E01 3054	210 2542	Caterpillar	3508/3512	Supap	IN	56.00	9.50	219.00		20	6
057 E01 4183	210 2529				EX	56.00	9.50	219.00		45	6
057 E01 3054	210 2542	Caterpillar	3508/3512	Supap	IN	56.00	9.50	219.00		20	6
057 E01 3923	194 4897				EX	56.00	12.60	219.00		45	6
057 E02 3633	-	Caterpillar	3508/3512/3516	Gayd	IN	17.50	9.50	102.55			6
057 E02 3634	-				EX	17.50	12.60	103.00			6
058 E01 3055	1W 3859	Caterpillar	3406/3408 (D8L)	Supap	IN	45.00	9.50	181.50		30	6
058 E01 3056	1W 3860				EX	41.80	9.50	181.40		45	6
058 E02 3363	7C 0363	Caterpillar	3406-3408 (D8L) Uç Düşük	Gayd	IN	17.50	9.50	82.00			6
058 E02 3363	7C 0363				EX	17.50	9.50	82.00			6
058 E02 3641	122 73 74	Caterpillar	3406-3408 (D8L) Lastikli	Gayd	IN	17.50	9.50	82.00			6
058 E02 3641	122 73 74				EX	17.50	9.50	82.00			6
058 E02 3364.1	4N 2803	Caterpillar	3406-3408 (D8L) Düz	Gayd	IN	17.50	9.50	82.00			6
058 E02 3364.1	4N 2803				EX	17.50	9.50	82.00			6
058 E03 0086	4N 5893	Caterpillar	3406/3408 (D8L)	Baga	IN	46.05	39.00	9.30		30	6
058 E03 0087	1W 5283				EX	42.87	36.30	9.30		45	6
059 E01 3057	8H 1993	Caterpillar	D7/D8	Supap	IN	59.50	12.60	236.10		45	6
059 E01 3058	8H 1994				EX	58.00	12.60	235.30		45	6
059 E02 3378	7N 2051	Caterpillar	D7/D8	Gayd	IN	23.85	12.70	132.40			6
059 E02 3378	7N 2051				EX	23.85	12.70	132.40			6
059 E03 0053	9M8745	Caterpillar	D7/D8	Baga	IN	63.59	52.60	13.00		45	6
059 E03 0054	8M9814				EX	63.59	51.00	13.00		45	6
060 E01 3059	6N 9915	Caterpillar	933/950/955L (950B)	Supap	IN	51.30	9.50	136.50		30	6
060 E01 3060	6N 9916				EX	48.00	9.50	135.00		30	6
060 E02 3616	1487425	Caterpillar	933/950/955L (950B)	Gayd	IN	16.70	9.50	71.00			6
060 E02 3616	1487425				EX	16.70	9.50	71.00			6
062 E01 3063	5S 6452	Caterpillar	955 (3304/3306/1673C)	Supap	IN	51.30	9.50	140.00		30	6
062 E01 3064	8N 0875				EX	48.20	9.50	139.50		30	6
062 E02 3364	2P 1262	Caterpillar	955 (3304/3306/1673C)	Gayd	IN	16.70	9.50	71.00			6
062 E02 3364	2P 1262				EX	16.70	9.50	71.00			6
062 E03 0075	7N 4448	Caterpillar	955 (3304/3306/1673C)	Baga	IN	52.05	45.00	8.90		30	6
062 E03 0076	7N 4837				EX	50.92	42.70	8.05		30	6
063 E01 3065	108-5910	Caterpillar	Caterpillar	Supap	IN	45.00	9.50	184.50		30	6
063 E01 3066	108-5911				EX	41.90	9.50	184.50		45	6
064 E01 3067	1P 0407	Caterpillar	988	Supap	IN	45.00	9.50	152.45		45	6
064 E01 3068	1P 1081				EX	41.75	9.50	152.30		45	6
064 E02 3380	6N 2236	Caterpillar	988	Gayd	IN	17.50	9.50	72.20			6
064 E02 3380	6N 2236				EX	17.50	9.50	72.20			6
064 E02 3683	1W 1816	Caterpillar	988	Gayd	IN	24.00	9.50	133.30			6
064 E02 3683	1W 1816				EX	24.00	9.50	133.30			6
065 E01 4113	7E 4609	Caterpillar	3508/3512	Supap	IN	56.00	9.50	219.00		30	6
065 E01 4113	7E 4609				EX	56.00	9.50	219.00		30	6




















**FOR CATERPILLAR**
**İŞ MAKİNESİ**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
068 E01 3069	7N 7358	Caterpillar	955H (H7)	Supap	IN	48.20	9.50	166.50		30	6
068 E01 3070	9M 4163				EX	45.30	9.50	166.50		30	6
068 E02 0634	1339306	Caterpillar	955H (H7)	Gayd	IN	16.70	9.50	82.00			6
068 E02 0634	1339306				EX	16.70	9.50	82.00			6
068 E03 0183	5S7218	Caterpillar	955H (H7)	Baga	IN	54.08	46.00	11.10		30	6
068 E03 0184	5S7221				EX	50.92	42.70	11.10		30	6
069 E01 3071	9L 7682	Caterpillar	953 (3208/1140/1160)	Supap	IN	53.20	9.50	144.70		30	6
069 E01 3072	9N 5125				EX	45.80	9.50	144.30		45	6
069 E02 3377	2P1262	Caterpillar	953 (3208/1140/1160)	Gayd	IN	16.70	9.50	71.00			6
069 E02 3377	2P1262				EX	16.70	9.50	71.00			6
071 E01 3075	9N 180	Caterpillar	910	Supap	IN	48.00	9.50	150.00		45	6
071 E01 3076	9N 185				EX	46.00	9.50	150.00		45	6
071 E03 0142	9N 0181	Caterpillar	910	Baga	IN	51.30	41.00	7.20		45	6
071 E03 0143	9N 2837				EX	48.57	41.30	7.30		45	6
072 E01 3077	7W 8064	Caterpillar	966F 3116	Supap	IN	47.00	8.00	177.00		30	6
072 E01 3078	7W 2699				EX	40.00	8.00	177.00		45	6
072 E02 3365	9Y 8848	Caterpillar	966F 3116	Gayd	IN	12.70	8.00	75.20			6
072 E02 3365	9Y 8848				EX	12.70	8.00	75.20			6
072 E03 0209	7W 8065	Caterpillar	966F 3116	Baga	IN	50.00	43.00	6.30		30	6
072 E03 0210	1W 2713				EX	43.00	37.00	6.30		45	6
075 E01 3083	1W 1818	Caterpillar	D8K	Supap	IN	59.60	9.50	236.00		45	6
075 E01 3084	1W 1819				EX	58.00	9.50	236.00		45	6
1901 E01 3545	192 9213	Caterpillar	C10/C12 3176	Supap	IN	45.00	9.50	174.00		30	6
1901 E01 3544	133 7029				EX	41.90	9.50	174.10		45	6
1901 E02 3385	147 8220	Caterpillar	C10/C12 3176	Gayd	IN	16.00	9.50	85.00			6
1901 E02 3385	147 8220				EX	16.00	9.50	85.00			6
1902 E01 3548	145 7390	Caterpillar	C7 3114/3126	Supap	IN	39.90	8.00	183.10		30	6
1902 E01 3549	1478211				EX	43.00	9.50	199.20		45	6
1902 E02 3386	1409670	Caterpillar	C7 3114/3126	Gayd	IN	13.00	8.00	80.60			6
1902 E02 3556	5M 8023				EX	16.70	9.50	82.00			6
1904 E01 3548	153 7023	Caterpillar	C15 3406	Supap	IN	47.00	9.50	202.00		30	6
1904 E01 3549	153 7024				EX	41.75	9.50	202.00		45	6
1904 E02 3379	122 7375	Caterpillar	C15 3406	Gayd	IN	16.00	9.50	85.30			6
1904 E02 3379	122 7375				EX	16.00	9.50	85.30			6
1904 E03 0161	1753617	Caterpillar	C15 3406	Baga	IN	48.06	41.00	7.80		30	6
1904 E03 0162	1527582				EX	42.83	36.50	9.30		45	6
1905 E01 3589	224 3028	Caterpillar	C13	Supap	IN	44.50	9.50	188.30		30	6
1905 E01 3590	224 3030				EX	41.50	9.50	187.20		45	6
1905 E02 3609	268 2953	Caterpillar	C13	Gayd	IN	16.00	9.50	79.00			6
1905 E02 3609	268 2953				EX	16.00	9.50	79.00			6
1907 E01 3835	-	Caterpillar	Small	Supap	IN	35.00	6.00	108.30		30	6
1907 E01 3836	-				EX	33.00	6.00	107.80		45	6
1910 E01 3919	C9 241 83 82	Caterpillar	C9/C11	Supap	IN	36.00	9.50	184.40		25	6
1910 E01 3920	C9 241 83 83				EX	36.00	9.50	183.00		45	6
1910 E02 3640	163 24 44	Caterpillar	C9/C11	Gayd	IN	16.00	9.50	80.20			6
1910 E02 3640	163 24 44				EX	16.00	9.50	80.20			6




**FOR CUMMINS**
**İŞ MAKİNESİ**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
028 E01 3691	3802924	Cummins	ISB Turbo Diesel 24V	Supap	IN	33.10	7.00	124.80		30	12
028 E01 3692	3802967				EX	32.80	7.00	124.40		45	12
028 E03 0203	3943449	Cummins	ISB Turbo Diesel 24V	Baga	IN	34.92	27.90	5.75		30	12
028 E03 0204	3943450				EX	34.92	27.90	5.75		45	12
067 E01 0180	390 2253	Cummins	6CT 114	Supap	IN	52.00	9.50	150.90		30	6
067 E01 0181	390 2254				EX	46.00	9.50	150.80		45	6
067 E02 0567	355 3870	Cummins	6CT 114	Gayd	IN	16.00	9.50	72.00			6
067 E02 0567	355 3870				EX	16.00	9.50	72.00			6
067 E03 0163	3908830	Cummins	6CT 114	Baga	IN	54.15	44.00	9.00		30	6
067 E03 0164	3904716				EX	47.15	39.50	8.00		45	6
175 E01 4063	-	Cummins	A-2300	Supap	IN	37.00	8.00	108.85		30	6
175 E01 4064	-				EX	31.00	8.00	108.85		45	6
176 E01 3450	3801356	Cummins	LJA 10	Supap	IN	42.50	9.60	176.40		30	6
176 E01 3450	3801356				EX	42.50	9.60	176.40		30	6
176 E02 3564	3033315	Cummins	LJA 10	Gayd	IN	16.50	9.60	69.00			6
176 E02 3564	3033315				EX	16.50	9.60	69.00			6
177 E01 3451	207241	Cummins	K Serisi 270	Supap	IN	56.40	12.60	191.80		30	6
177 E01 3670	3035110				EX	56.40	12.60	191.80		30	6
177 E02 3536	3018818	Cummins	K Serisi 270	Gayd	IN	21.50	12.60	96.50			6
177 E02 3536	3018818				EX	21.50	12.60	96.50			6
178 E01 3522	39442588	Cummins	Profesyonel 935 (Y.M.) 24V	Supap	IN	38.00	8.00	137.75		30	12
178 E01 3523	39442589				EX	38.00	8.00	137.75		45	12
178 E02 3372	-	Cummins	Profesyonel 935 (Y.M.) 24V	Gayd	IN	14.00	8.00	49.50			12
178 E02 3372	-				EX	14.00	8.00	49.50			12
178 E03 0136	-	Cummins	Profesyonel 935 (Y.M.) 24V	Baga	IN	39.50	32.50	6.00		30	12
178 E03 0137	-				EX	39.50	32.50	6.00		45	12
179 E01 0178	392 0867	Cummins	4BT/6BT 6D102	Supap	IN	45.00	8.00	129.15		30	6
179 E01 0179	392 0868				EX	42.00	8.00	129.00		45	6
179 E02 0565	390 4408	Cummins	4BT/6BT 6D102	Gayd	IN	14.00	8.00	60.50			6
179 E02 0566	390 4409				EX	14.00	8.00	51.70			6
179 E03 0136	3906854	Cummins	4BT/6BT 6D102	Baga	IN	47.15	37.00	8.30		30	6
179 E03 0137	3904105				EX	43.80	34.00	8.50		45	6
180 E01 3234	145701	Cummins	NH250/NT855 24V	Supap	IN	47.65	11.50	179.45		30	6
180 E01 3234	145701				EX	47.65	11.50	179.45		30	6
180 E02 3373	147967	Cummins	NH250/NT855 24V	Gayd	IN	19.00	11.50	87.00			12
180 E02 3373	147967				EX	19.00	11.50	87.00			12
180 E03 0077	-	Cummins	NH250/NT855 24V	Baga	IN	50.95	42.90	7.10		30	12
180 E03 0077	-				EX	50.95	42.90	7.10		30	12
181 E01 3113	6610 41 4110	Cummins	NH220	Supap	IN	44.20	10.20	179.30		30	6
181 E01 3114	6610 41 4210				EX	44.20	10.20	179.30		30	6
181 E02 3394	66890	Cummins	NH220	Gayd	IN	19.00	10.20	87.00			6
181 E02 3394	66890				EX	19.00	10.20	87.00			6


**FOR KUBATO**
**İŞ MAKİNESİ**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
1103 E01 3117	-	Kubato	Kubato	Supap	IN	33.50	8.00	102.50		30	4
1103 E01 3118	-				EX	28.50	8.00	102.40		45	4
1109 E01 3699	-	Kubato	25	Supap	IN	33.00	8.00	101.20		45	4
1109 E01 3700	-				EX	27.00	8.00	101.25		45	4
1110 E01 3701	-	Kubato	41	Supap	IN	37.50	8.00	101.50		45	4
1110 E01 3702	-				EX	32.10	8.00	101.50		45	4
1111 E01 3703	-	Kubato	82	Supap	IN	33.50	8.00	101.50		45	4
1111 E01 3704	-				EX	28.50	8.00	101.60		45	4
1120 E01 3790	-	Kubato	16	Supap	IN	31.00	7.00	90.00		45	4
1120 E01 3791	-				EX	27.20	7.00	90.00		45	4
1121 E01 3703	-	Kubato	35	Supap	IN	33.50	8.00	101.70		45	4
1121 E01 3704	-				EX	28.50	8.00	101.60		45	4
1136 E01 3932	-	Kubato	Kubato	Supap	IN	38.50	8.00	114.15		45	4
1136 E01 3933	-				EX	32.50	8.00	114.30		45	4
1140 E01 3958	6680861	Kubato	3300/3800	Supap	IN	35.00	7.00	100.30		30	8
1140 E01 3959	6680862				EX	30.00	7.00	100.30		45	8
1143 E01 3988	-	Kubato	V3300 12V	Supap	IN	30.90	7.00	101.30		30	8
1143 E01 3989	-				EX	34.00	8.00	112.70		30	4
1143 E02 3619	-	Kubato	V3300 12V	Gayd	IN	12.00	7.00	40.50		8	
1143 E02 3620	-				EX	13.00	8.00	47.20		4	

**FOR JCB**
**İŞ MAKİNESİ**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
1115 E01 3716	320/03697	JCB	3CX/4CX 4L L4 16V	Supap	IN	36.20	7.00	132.10		30	8
1115 E01 3717	320/03698				EX	33.50	7.00	132.10		45	8
1115 E02 3549	-	JCB	3CX/4CX 4L L4 16V	Gayd	IN	11.00	7.00	48.20		8	
1115 E02 3549	-				EX	11.00	7.00	48.20		8	



FOR **YANMAR**

İŞ MAKİNESİ

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
1112 E01 3705	-	Yanmar	Vi0 25	Supap	IN	33.50	8.00	103.00		30	4
1112 E01 3706	-				EX	30.40	8.00	103.00		45	4
1113 E01 3707	-	Yanmar	Vi0 35	Supap	IN	35.50	8.00	109.20		30	4
1113 E01 3708	-				EX	33.30	8.00	109.20		45	4
1113 E02 3677	-	Yanmar	Vi0 30	Gayd	IN	13.00	8.00	49.00			4
1113 E02 3678	-				EX	13.00	8.00	46.00			4
1119 E01 3788	-	Yanmar	Vi0 35	Supap	IN	36.60	8.00	100.70		45	4
1119 E01 3789	-				EX	30.80	8.00	99.70		45	4
1124 E01 3817	-	Yanmar	Vi0 20	Supap	IN	31.50	7.00	97.60		45	4
1124 E01 3818	-				EX	26.50	7.00	97.60		45	4
1125 E01 3821	129907-11100	Yanmar	Yanmar 16V	Supap	IN	33.00	7.00	103.45		60	8
1125 E01 3822	129907-11110				EX	28.00	7.00	103.10		45	8
1125 E02 3638	2910-141785	Yanmar	Yanmar 16V	Gayd	IN	12.00	7.00	46.00			8
1125 E02 3638	2910-141785				EX	12.00	7.00	46.00			8
1131 E01 3890	-	Yanmar	6AYM-ETE 24V	Supap	IN	52.00	11.00	195.00		30	12
1131 E01 3891	-				EX	52.50	11.00	195.00		45	12
1131 E02 3600	-	Yanmar	6AYM-ETE 24V	Gayd	IN	19.00	11.00	85.00			12
1131 E02 3600	-				EX	19.00	11.00	85.00			12
1131 E03 0115	-	Yanmar	6AYM-ETE 24V	Baga	IN	53,10	44,00	8,70		30	12
1131 E03 0116	-				EX	53,10	43,00	7,80		45	12
1133 E01 3894	-	Yanmar	Yanmar 18	Supap	IN	32.00	7.00	91.10		45	3
1133 E01 3895	-				EX	25.60	7.00	91.00		45	3
1150 E01 4055	-	Yanmar	Yanmar	Supap	IN	43.25	9.00	121.00		30	4
1150 E01 4056	-				EX	37.50	9.00	121.00		45	4

**FOR KARIŞIK GRUP**






Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
306 E01 3512	-	Isuzu	E120	Supap	IN	47.00	11.00	164.00		45	6
306 E01 3513	-				EX	45.50	11.00	164.00		45	6
422 E01 3145	690 GC 2210	Mack	E6 4VH (Y.M.) (PAI-M81350)	Supap	IN	43.00	9.50	176.60		60	12
422 E01 3146	688 GC 2378				EX	40.00	9.50	174.50		60	12
423 E01 3147	690 GC 2187A	Mack	End 673 (E.M.) (PAI-EM81300)	Supap	IN	57.00	12.50	174.35		30	6
423 E01 3148	688 GC 2352A				EX	48.00	12.50	174.50		30	6
529 E01 3490	-	IFA	50 (Fortschritt)	Supap	IN	58.00	12.00	171.00		45	4
529 E01 3491	-				EX	50.00	12.00	170.60		45	4
529 E02 3572	-	IFA	50 (Fortschritt)	Gayd	IN	20.00	12.00	87.60			4
529 E02 3572	-				EX	20.00	12.00	87.60			4
533 E01 3761	-	Nissan	H20	Supap	IN	42.00	9.00	109.70		45	4
533 E01 3762	-				EX	32.10	9.00	110.10		45	4
535 E01 3510	-	Nissan	PD6	Supap	IN	57.50	12.00	158.10		45	4
535 E01 3511	-				EX	47.00	12.00	158.10		45	4
552 E01 1019	13201-N8501	Nissan	Z24 (1981-1989 Model) 2400cc	Supap	IN	42.00	8.00	124.40		45	4
552 E01 1020	13202-N8500				EX	38.00	8.00	125.40		45	4
552 E02 3611	13213-V5010	Nissan	Z24 (1981-1989 Model) 2400cc	Gayd	IN	12.20	8.00	63.50			4
552 E02 3611	13213-V5010				EX	12.20	8.00	63.50			4
563 E01 3909	-	Nissan	Cabra Z24 (Y.M.) 16V	Supap	IN	33.00	6.00	112.40		45	8
563 E01 3910	-				EX	29.00	6.00	114.10		45	8
566 E01 4114	13201-96003	Nissan	PD6TFPE6T	Supap	IN	57.50	12.00	158.50		30	6
566 E01 4115	13202-96004				EX	52.00	12.00	157.90		45	6
6200 E01 0218	8 94133 275 1	Nissan	ED28 Diesel	Supap	IN	40.20	8.00	118.10		45	4
6200 E01 0219	8 94247 875 1				EX	35.90	8.00	118.10		45	4
6200 E02 0573	5 11721 016 0	Nissan	ED28 Diesel	Gayd	IN	14.00	8.00	50.00			4
6200 E02 0573	5 11721 016 0				EX	14.00	8.00	50.00			4
590 E01 3443	-	Kamaz	Kamaz	Supap	IN	51.50	10.00	161.00		45	4
590 E01 3444	-				EX	46.50	10.00	161.00		45	4
941 E01 0361	910 07 950	Bedford	220/330	Supap	IN	46.00	9.00	141.50		30	6
941 E01 0362	910 26 165				EX	38.50	9.00	141.00		45	6
1102 E01 3538	501007014	Belarus	MTZ 50	Supap	IN	47.50	11.00	158.20		45	4
1102 E01 3539	501007015				EX	42.00	11.00	158.20		45	4
1102 E02 3632	-	Belarus	MTZ 50	Gayd	IN	18.20	11.00	91.15			4
1102 E02 3632	-				EX	18.20	11.00	91.15			4
1104 E01 3617	71262713	Paykan	Paykan	Supap	IN	38.00	8.00	109.70		45	4
1104 E01 3618	71250985				EX	31.30	8.00	109.80		45	4
1126 E01 3825	-	Paykan	Roa 3 Timak	Supap	IN	37.85	7.00	109.80		45	4
1126 E01 3826	-				EX	32.85	7.00	109.80		45	4
1108 E01 3693	K914564998A	Samand	EF7 16V	Supap	IN	31.30	5.50	109.20		45	8
1108 E01 3694	K914564548A				EX	26.65	5.50	109.30		45	8

**FOR KARIŞIK GRUP**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
1127 E01 3827	TN030-13202	Tiba	Tiba 3 Tımak	Supap	IN	37.50	6.00	105.40		45	4
1127 E01 3828	TN030-13205				EX	30.60	6.00	104.40		45	4
1106 E01 3807	-	MAZ	Maz	Supap	IN	60.00	12.00	156.20		30	6
1106 E01 3653	236-1007015 B5				EX	48.00	12.00	156.00		45	6
1106 E02 3570	-	MAZ	Maz	Gayd	IN	19.00	12.00	75.00			6
1106 E02 3570	-				EX	19.00	12.00	75.00		6	
1128 E01 3874	7511-1007010 B2	MAZ	Maz	Supap	IN	61.00	12.00	156.00		30	6
1128 E01 3653	236-1007015 B5				EX	48.00	12.00	156.00		45	6
1129 E01 3876	260-1007014	MAZ	Maz	Supap	IN	48.00	11.00	158.20		45	6
1129 E01 3539	240-1007015 56				EX	42.00	11.00	158.20		45	6
1147 E01 4018	-	MAZ	Maz	Supap	IN	55.00	12.00	156.70		30	6
1147 E01 3653	236-1007015 B5				EX	48.00	12.00	156.00		45	6
1132 E01 3892	-	Mitsubishi	56A3-MTK-OR-MPTK 24V	Supap	IN	54.00	10.00	180.00		30	12
1132 E01 3893	-				EX	50.00	10.00	180.00		30	12
1132 E03 0233	-	Mitsubishi	56A3-MTK-OR-MPTK 24V	Baga	IN	58.12	46.40	8.50		30	12
1132 E03 0234	-				EX	54.15	44.20	8.20		30	12
1134 E01 3896	-	Mitsubishi	Forklift	Supap	IN	42.30	8.00	133.50		45	4
1134 E01 3897	-				EX	35.00	8.00	133.10		45	4
1141 E01 3964	-	Mitsubishi	4C 63	Supap	IN	33.00	6.00	112.30		45	4
1141 E01 3965	-				EX	29.00	6.00	114.30		45	4
6018 E01 4169	-	Mitsubishi	4G 64	Supap	IN	34.20	6.60	109.60		45	4
6018 E01 4170	-				EX	30.55	6.60	19.70		45	4
1137 E01 3944	-	JAC	1020 Std./0.5k	Supap	IN	40.75	8.00	125.00		45	4
1137 E01 3945	-				EX	35.00	8.00	125.00		45	4
1138 E01 0216	1 12551 050 0	JAC	1040 Std./0.5k	Supap	IN	45.00	9.00	127.90		45	4
1138 E01 0217	1 12552 025 0				EX	37.50	9.00	127.90		45	4
1138 E02 0572	5 11721 001	JAC	1040	Gayd	IN	14.00	9.00	60.00			4
1138 E02 0572	5 11721 001				EX	14.00	9.00	60.00		4	
1138 E03 0194	1-11715054-0	JAC	1040	Baga	IN	47.15	40.00	7.50		45	4
1138 E03 0195	1-11711043-0				EX	39.15	33.00	7.00		45	4
1159 E01 4116	9279578	Liebherr	D924 TI-E A1	Supap	IN	52.00	10.00	146.20		30	6
1159 E01 4117	9279579				EX	49.20	10.00	146.20		45	6
1152 E01 4067	5500530401	MTU	396 TB 53 LEOPARD TANK-2A4	Supap	IN	57.00	14.00	185.10		45	4
1152 E01 4068	8700530005				EX	54.00	14.00	160.00		45	4
1161 E01 4124	524 053 03 01	MTU	4000 M90 16V	Supap	IN	57.00	11.00	225.50		30	8
1161 E01 4125	524 053 03 05				EX	56.00	11.00	225.50		45	8
1161 E02 3676	-	MTU	4000 M90 16V Düz	Gayd	IN	19.00	11.00	103.00			8
1161 E02 3676	-				EX	19.00	11.00	103.00		8	
1161 E02 3676.1	-	MTU	4000 M90 16V Tek Kanallı	Gayd	IN	19.00	11.00	103.00			8
1161 E02 3676.1	-				EX	19.00	11.00	103.00		8	
1161 E02 3676.2	-	MTU	4000 M90 16V 3 Kanallı	Gayd	IN	19.00	11.00	103.00			8
1161 E02 3676.2	-				EX	19.00	11.00	103.00		8	
1167 E01 4186	-	MTU	12V 4000	Supap	IN	57,00	11,00	228,50		30	8
1167 E01 4187	-				EX	57,00	11,00	228,50		30	8



**FOR KARIŞIK GRUP**

Wax No	Orjinal No	Marka	Model	Ürün	Kafa	Sap	Boy	Tırnak	Açı	Adet	
1163 E01 4171	-	Kobra	GM6.5L	Supap	IN	46.00	8.70	130.00		45	4
1163 E01 4172	-				EX	39.00	9.50	130.00		45	4
1165 E01 4177	A-58626	Case	504 BD Diesel	Supap	IN	50.80	10.20	163.30		45	6
1165 E01 4178	A-58627				EX	44.50	10.20	163.30		45	6
1166 E01 4181	4630051150	Saurer	D2KT D330	Supap	IN	43.90	10.00	166.90		45	6
1166 E01 4182	4630005141				EX	38.90	10.00	166.90		45	6
8700 E01 3677	-	Toyota	3 RZ 16V	Supap	IN	37.40	6.00	103.70		45	8
8700 E01 3678	-				EX	30.50	6.00	104.10		45	8
8701 E01 3751	-	Toyota	14 B	Supap	IN	43.00	9.00	126.45		45	4
8701 E01 3752	-				EX	37.50	9.00	126.45		45	4
8702 E01 3753	-	Toyota	15 B	Supap	IN	33.10	7.00	126.40		45	4
8702 E01 3754	-				EX	37.10	7.00	126.45		45	4
8703 E01 3755	-	Toyota	2L Std./0.5k	Supap	IN	42.50	8.00	104.00		45	4
8703 E01 3756	-				EX	36.00	8.00	104.00		45	4
8704 E01 3865	-	Toyota	1 RZ 8V	Supap	IN	42.00	8.00	102.25		45	4
8704 E01 3866	-				EX	35.40	8.00	102.20		45	4
8705 E01 3867	-	Toyota	12 R 8V Std./0.5k	Supap	IN	40.00	8.00	108.90		45	4
8705 E01 3868	-				EX	34.00	8.00	109.10		45	4
8706 E01 3869	-	Toyota	22 R 8V	Supap	IN	45.00	8.00	113.30		45	4
8706 E01 3870	-				EX	37.10	8.00	112.50		45	4
8707 E01 3871	-	Toyota	2 RZ 8V	Supap	IN	46.00	8.00	101.50		45	4
8707 E01 3872	-				EX	38.00	8.00	102.20		45	4
8708 E01 3960	-	Toyota	5R	Supap	IN	43.00	8.50	109.20		45	4
8708 E01 3961	-				EX	37.00	8.50	110.10		45	4
8709 E01 3969	-	Toyota	2C 8V	Supap	IN	38.50	8.00	105.60		45	4
8709 E01 3970	-				EX	32.40	8.00	105.20		45	4
1139 E01 3949	375631	Guascor	Guascor	Supap	IN	54.80	12.00	181.40		30	4
1139 E01 3950	375630				EX	51.00	12.00	181.40		20	4
1145 E01 4005	19.10.243	Guascor	Guascor HGM 560	Supap	IN	56.40	11.00	223.50		20	4
1145 E01 4006	19.10.244				EX	54.50	11.00	223.50		30	4
1145 E02 3674	19.10.179	Guascor	Guascor HGM 560	Gayd	IN	20.00	11.00	100.10		4	4
1145 E02 3675	19.12.256				EX	20.00	11.00	100.30		4	4
1145 E03 0248	19.10.262	Guascor	Guascor HGM 560	Baga	IN	57.50	48.00	9.20		20	4
1145 E03 0249	19.10.263				EX	55.60	43.00	9.60		30	4
1146 E01 4011	818010	Guascor	Guascor - 1	Supap	IN	63.00	13.00	217.30		30	4
1146 E01 4009	819008				EX	63.00	13.00	228.30		30	4
1148 E01 4027	12304754	Guascor	Guascor MWM	Supap	IN	55.85	11.00	203.10		30	4
1148 E01 4028	12301786				EX	51.40	11.00	202.90		30	4
1153 E01 4076	818003	Guascor	Guascor - 2	Supap	IN	49.00	12.00	217.50		30	4
1153 E01 4077	819003				EX	48.00	12.00	217.50		30	4
1162 E01 4129	19.10.183	Guascor	Guascor HGLD	Supap	IN	52.00	11.00	193.60		20	4
1162 E01 4129	19.10.183				EX	52.00	11.00	193.60		20	4

## ARIZA ÇEŞİTLERİ

## FAILURE TYPES

### Supapta hasar aşağıdaki nedenlerden oluşur;

- 1) Yanlış Supap Montajı
- 2) Doğru Supabın Hatalı Montajı
- 3) Hatalı Araç Kullanımı
- 4) Supapta İmalat Hatası

#### 1) Yanlış Supap Montajı

Bir motora uygun olmayan bir supap veya aksesuarı aşağıda tanımlanan nedenlerden yanlışlıkla takıldığı takdirde hasara neden olabilir. Boyutların orijinal parçaya benzemesi montaj için yeterlilik sağlamaz.

- \*Hatalı Markalama
- \*Hatalı Ambalaj
- \*Benzer Boyutlar
- \*Farklı Marka
- \*Bilinçsiz Seçim

#### 2) Doğru Supabın Hatalı Montajı

Bir supap motora montaj manüelinde yazılan talimatlara uygun olmayan koşullar ve metotlarla takıldığı takdirde hasara uğrayabilir.

- \*Supap - Piston ayarının uygunsuzluğu
- \*Supap - Gayd boşluğunun uygunsuzluğu
- \*Gayd çakma ve raybalama metotlarındaki hatalar
- \*Baga ve Gaydlarda supap ekseninden kaçıklık
- \*Hatalı Markalama.
- \*Supap üzerinde taşlama, zımparalama gibi yöntemlerle tashih.

#### 3) Hatalı Araç Kullanımı

Araç sürücüsünün ihmalden, bilinçsizliğinden kaynaklanabilecek supap hasarları bu grupta toplanmıştır.

- \*Aracın periyodik bakımlarının ihmali.
- \*Motorun aşırı zorlanarak supaplarda yeterli soğutma yapılamaması.
- \*Kötü yakıt kullanımı.
- \*Onaysız LPG veya performans artırıcı katkı kullanımı.

#### 4) Supapta İmalat Hatası

- \*Boyutsal hatalar.
- \*Doğrusallıktan, dairesellikten ve sızdırmazlıktan sapmalar.
- \*Kaplama dökülmesi, pürüzlülük, çarpma, çentik gibi yüzeyel kusurlar.
- \*Isıl işlemlerde uygunsuzluklar.
- \*Malzeme hataları.

### Valve damage occurs due to following reasons;

- 1) Incorrect Valve Assembly
- 2) Incorrect Assembly of the Appropriate Valve
- 3) Incorrect Vehicle Use
- 4) Manufacturing Defect of Valve

#### 1) Incorrect Valve Assembly

An engine valve or accessory to an improper reasons described below is installed incorrectly can cause damage. Similar size of engine valve with original part, is not sufficient for installation.

- \*Incorrect Marking
- \*Incorrect Package
- \*Similar Size
- \*Different Brand
- \*Unconscious selection

#### 2) Incorrect Assembly of the Appropriate Valve

Due to the assembly without considering assembly instructions valve may be damaged.

- \*Incompatibility of the piston and valve settings.
- \* Engine valve and valve guide space incompatibility.
- \* Mistakes in valve guide assembling and reaming methods.
- \* Engine valve axis misalignment on valve seat and valve guide.
- \*Incorrect Marking
- \* Correction by grinding and sandpapering etc. on the valve

#### 3) Incorrect Vehicle Use

Valve damage that may result from negligence and unconsciousness of the vehicle driver is grouped in this group.

- \* Neglect of periodic maintenance of the vehicle.
- \* Insufficient cooling of valves when excessive forced engine.
- \*Using poor fuel.
- \*Uncertified use of LPG or performance enhancing additives.

#### 4) Manufacturing Defect of Valve

- \*Dimensional errors.
- \* Deviations from linearity, circularity and impermeability.
- \*Coating loss, roughness, impact, surface defects such as notches.
- \*Non-compliance in heat treatment.
- \*Material errors.

## Supap - Gayd Sarması

1. Supaplar montaj sırasında montaj koşullarına uyulması.
2. Uygun dökümden gayd kullanılmaması.
3. Supap gayd boşluğu montaj koşullarına uyulmaması.
4. Supap krom kaplamasının uygunsuzluğu ve sap yüzey pürüzlülüğünün yüksekliği.
5. Aracın yağlama yapmaması.
6. Kötü yakıt kullanılması ve kurum gayd içerisine yoğunlaşması.
7. Yüksek hararet yapması.
8. Kapağın su kanalları kapalı olması.
9. Silindir kapağının temizliğine dikkat edilmesi.

Yukarıdaki nedenlerle bir süre sonra supap-gayd ara boşluğu aşınan partiküllerle dolarak supabın sıkışmasına yol açar. Bu safhada normal hareket edemeyen supap pistonu çarparak tırnak veya boyun bölgelerinden kopmaya zorlar.

## Engine Valve - Valve Guide Winding

- 1) During the assembly of the valve to comply with the terms.
- 2) Not using guide suitable casting.
- 3) Valve-Guide space to comply with the terms installation instructions.
- 4) Chrome-plated and non-compliance of the valve stem surface roughness height.
- 5) Vehicles' lack of lubrication.
- 6) Poor fuel usage and soot concentration in valve guide.
- 7) Overheating.
- 8) Coolant channels of cover are closed.
- 9) Attention to cleanliness the cylinder head.

Due to the aboved reasons, the gap between the valve-valve guide wear out the parts causes the compression of the valve. In this phase, the piston which can not normally move, hit the valve and compel the breakage from a groove or neck region.



## Supaba Piston Çarpması

Supap ve piston arasında senkronize bir hareket vardır. Pistonun supaplara en yakın olduğu konumlarda supaplar kapalı durumdadır. Ancak supap ayarının iyi yapılmaması, motorda çalışma sırasında bozulması veya supap-piston asenkronizasyonu supabın darbe almasıyla sonuçlanır. Bu durum supabın tırnaklardan kurtulmasına veya boyundan kopmasına neden olur.

## Piston Slap to Valve

There is a synchronized movement between the valve and the piston. The valves are closed in positions where the piston is closest to the valves. However, incorrect valve adjustment, engine failure, or valve-piston asynchronization results in valve impact. This causes the valve to get rid of the claws or break off from the neck.



## Supapta Yanma veya Kırılmalar

Supapların açısında yanma ve kırılmalar genellikle supap - бага montajında uygunsuzluk veya baganın zaman içerisinde aşınmalar sonucu supap açısına tam basmaması gibi nedenlerle meydana gelirler.

## Combustion or Breakage of Valve

Combustion and breakage at the valve angles are usually caused by faults in the valve - valve seat assembly or by the fact that valve seat does not fully press the valve angle as a result of runout over time.



### Supabın Tırnaktan Kurtulması

Supapların montajında uygun tırnak kullanılması ve tırnak ısıl işleminin uygun şekilde yapılması büyük önem taşır. Uygun olmayan yukarıdaki durumlar sonucu supabı tutan tırnağın tırnak yuvasından kurtulması sonucu supap, gayddan sıyrılarak pistonla doğru sarkar ve pistonla aldığı darbelerle kopmaya kadar gidebilecek hasara uğrar.

### Valve Unpinning from Groove

It is very important to use the appropriate groove in the installation of the valves and to ensure proper groove heat treatment. As a result of the above unsuitable situations, when the latch holding the valve is released from the groove, the valve unpinning from the valve guide and sagging to the piston and the valve may break with the impacts it receives from the piston.



### Supabın Kaynak Bölgesinden Kırılması

Supapların kaynak bölgelerindeki kırılmalar bu bölgedeki kaynak operasyonunun iyi yapılmadığını gösteren bir imalat hatasıdır. Bu bölgede kaynağın iyi yapılmaması, doğrultma veya taşlama işlemleri sırasında oluşan çatlak veya iyi gerilim alınmama gibi yapısal bozukluk kaynak bölgesinden kopmaya yol açar.

### Valve Fractures from Welding Area

Fractures in the welding zones of the valves are a manufacturing error which indicates that the welding operation in this zone is not performed well. In this region, poor weld adhesion, structural failure such as cracks or poor tensing during straightening or grinding operations lead to fracture from the weld zone.



### Supapta Yanma veya Kurumlanma

Supapların kullanıcı hatasından hasara uğraması kötü yakıt kullanımı, periyodik bakımların ihmal edilmesi sonucu ortaya çıkar. Bu ihmaller supapların kurumlanması, yanması veya gayd sarması şeklinde supap hasarlarına yol açar.

### Combustion or Sooting of Valve

Damage to valves due to user error, poor fuel use, and neglect of periodic maintenance. These omissions result in valve damage in the form of valve sooting, combustion, or valve guide winding.



### Supap Sap Ucunda Aşınmalar

Supapların sap uçlarında külbütör teması ve yay tansiyonu nedeniyle zamanla aşınmalar meydana gelir. Yüksek külbütör sertlikleri, supap sapucu sertlik ve derinliklerinin uygunsuzlukları veya aşırı yay tansiyonu bu aşınmanın zamanından önce meydana gelmesine neden olur.

### Erosion of the Valve Stem End

Erosion occurs over time due to valve rocker contact and spring tension at the stem ends of the valves. High valve rocker hardness, non-conformance of valve stem-end stiffness and excessive spring tension cause premature erosion.



### Supabın Tırnaktan Kopması

Supaplar motor içerisinde tırnaklar vasıtasıyla tutunurlar. Tırnak yuvaları supapların en küçük kesitli bölgeleridir. Bu bölgeler yüksek çekme ve yüksek aşınma dayanımı gerektirdiği için diğer supap bölgelerine göre daha sert yapılırlar. Isıl işlemler sırasında oluşabilecek çatlak veya yüksek gerilimli bir yapı, talaşlı imalat sırasında küçük çentik, supapta çalışma sırasında yüksek titreşim veya yüksek yay tansiyonu bu kırılmayı oluşturur.

### Valve Breaks from Groove

Valves hold in the engine by grooves. The grooves smallest cross-section area of the valves. These areas require higher tensile and high wear resistance and are made more rigid than other valve areas. This fracture is caused by a crack or high tension structure that may occur during heat treatment, small notch during machining or high vibration or high spring tension during valve operation.



### Supap Açısında Aşınmalar

Supapların açılarında bir heterojen aşınmayla zamanla kaçırma denilen ve araç performansını düşüren bir hasarla karşılaşır. Supap veya temas halinde olduğu baganın uygun olmaması, bu iki parçanın sızdırmazlık sağlayacak şekilde oturmaması veya yüksek yay tansiyonu probleme neden olabilir.

### The Erosion of the Valve Angle

At the angles of the valves, erosion occurs over time, resulting in damage that reduces vehicle performance. Be inappropriate of the valve seat in which the valve operates together, the sealing of the two parts or the high spring tension may cause problems.





## NOTLAR / NOTES

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Otomotiv San.ve Tic.Ltd.Şti.

**ELZEM OTOMOTİV SAN. VE TİC. LTD. ŞTİ.**

Konya 2. Organize Sanayi Bölgesi Vezirköy Caddesi

Karahisar Sokak No:4 Selçuklu / Konya / Türkiye

+90 332 239 00 66 (pbx)

+90 332 239 20 70

info@elzemwax.com