

hPSystems®

Hydraulic Power Systems

P.T.O

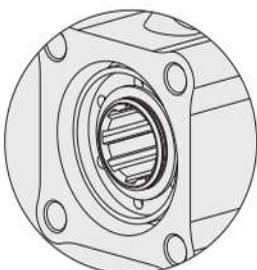
POWER TAKE OFF



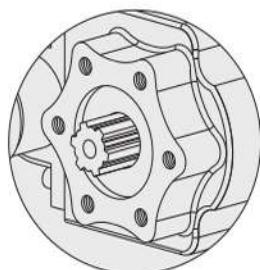
P.T.O. / POWER TAKE OFF

PTO'LARIN SINIFLANDIRILMASI

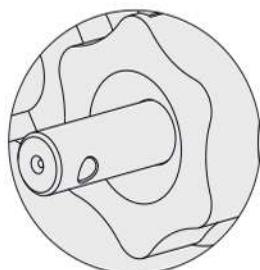
- 1-) PTO'lar ana şanzımana sağ yandan, sol yandan veya kuyruktan bağlanabilirler.
- 2-) Kuyruktan bağlanan PTO'lar düz tip (tek dişli) ve aktarmalı tip (çift dişli) olarak ikiye ayrılır.
- 3-) PTO'lar çalışma sistemine göre havalı, mekanik veya vakumlu olarak üç gruba ayrılır.
- 4-) PTO çıkışları Iso, Uni, pim delikli ve flanşlı olmak üzere dört farklı çıkışa sahiptir.



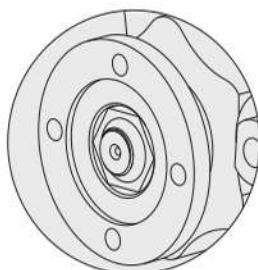
Iso



Uni



Pim Delikli



Flanşlı

POWER TAKE OFF

P.T.O.

PTO SEÇİMİNDE DİKKAT EDİLECEK HUSUSLAR

- 1-) Aracın modelini ve ana şanzıman model nosunu ana şanzıman üzerindeki etiketten tam olarak belirleyin. Katalogdan ilgili PTO grubunu ve çeşitlerini inceleyin.
- 2-) Şanzıman bağlantı yerini belirleyin (kuyruk, sağ,sol)
- 3-) Ana şanzımana uygun PTO'y'u seçin.
- 4-) PTO'nun ürettiği gücün ve devrin sizin gereksiniminizi karşılayıp karşılamadığını belirleyin.
- 5-) PTO ile birlikte ihtiyacınız olabilecek ek ürünler (kardan mili, flanş, kaplin vb.) belirleyin.
- 6-) PTO'nun kumanda tipini belirleyiniz(havalı, mekanik, vakumlu)

MONTAJ YAPILIRKEN DİKKAT EDİLMESİ GEREKEN HUSUSLAR

- 1-) Montaj sırasında aracın motorunu kapatın.
- 2-) Ana şanzıman yağını kapalı bir kutuya boşaltın.
- 3-) Ana şanzıman dişlisini koruyan kapağı açın. Bağlantı yüzeyini ve civata deliklerini temizleyin.
- 4-) PTO bağlantı saplamalarını ana şanzımana gevşemeyecek şekilde sıkın.
- 5-) PTO contasını montaj esnasında sabit durması için gres ile yağlayın. Kullanılan yağ kalıcı olmalıdır.
- 6-) 6 delikli PTO'larda civatalar 60Nm, 8 delikli PTO'larda 70Nm, kuyruktan 4 delikli PTO'larda 70Nm olmalıdır.
- 7-) PTO'yu ana şanzımana monte ettikten sonra motoru 5-10 sn kadar çalıştırın ve PTO'dan gelen sesi dinleyin. Ses iniltili ise dişler birbirinin üzerine fazla basmış olabilir. PTO'yu alıp bir conta daha veya biraz daha kalın bir conta takın. Eğer PTO'dan gelen ses takırtılı ise daha ince bir conta takın. Hiçbir zaman PTO ile şanzıman yüzeyini birbirine temas ettirmeyelim.
- 8-) Boşaltılan ana şanzıman yağını doldurun, eksik ise tamamlayın. Kontrol etmeden kesinlikle aracı hareket ettirmeyin.
- 9-) Motoru 5-10 dakika kadar çalıştırın. Bu süre zarfında herhangi bir problemle karşılaşmadığınız takdirde montaj başarılı olmuştur.
- 10-) Civataların sıkılığını tekrar kontrol edin, gözle son kontrolü yapın.
- 11-) Kompresörden gelen hortumu PTO'ya takın. Minimum 6 bar.
- 12-) PTO'nun devreye geçip geçmediğini kontrol edin.

PTO PROBLEMLERİ

a-) PTO Devreye Geçmemesi

- 1-) Bu sorunun en önemli nedeni hava basıncının yeterince yüksek olmayışı yada hava basınç hortumunda bir kaçak olmasıdır. PTO'lar 6 bar basınç ve üzerinde çalışır.
- 2-) PTO'ya tozlu veya sulu hava gelmektedir. Hava akşamları temizlenmelii, gerekirse yenilenmelidir.
- 3-) Pnömatik piston belli bir süre çalışmadiği zaman sıkışma yapabilir ve hava basıncı yüksek olsa bile PTO çalışmaz.
- 4-) Damper düğmesi bozulmuş olabilir.

b-) PTO'nun Devreden Çıkmaması

- 1-) Pnömatik piston bozulmuştur. Genelde pistonun içine tozlu ve sulu hava gelmesinden kaynaklanır.
- 2-) Damper düğmesi bozulmuştur. Tahliye yapmaz, pistonu bırakmaz.
- 3-) Debriyajsız kullanımlarda dişli uçları şişme yapıp kavrama dişlisini bırakmayabilir.

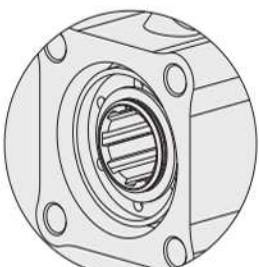
c-) Diğer Problemler

- 1-) PTO üzerindeki sızdırılmazlık ve contaların doğru monte edilmemesi durumunda PTO'nun ürettiği tork düşer.
- 2-) Kavrama dişli ile ana şanzıman dişlisinin birbirine sıkı monte edilmesi sonucu PTO'dan yüksek ses çıkar. Sorun giderilmediği taktirde zamanla rulmanlar ve dişiler zarar görebilir.
- 3-) Araç PTO devreden çıkarılmadan hareket ettirilirse PTO'ya ve ana şanzımana ciddi zararlar verebilir.

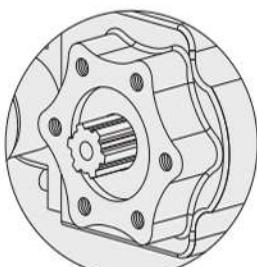
P.T.O. / POWER TAKE OFF

CLASSIFICATION OF PTOS

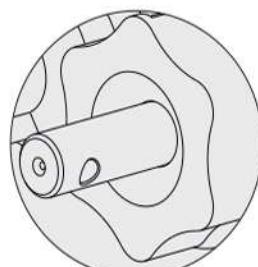
- 1) PTOs can be mounted to the gear box from the right or left side or from the rear.
- 2) PTOs mounted from the rear are divided into two, namely flat type (single gear) and mounting type (double gear).
- 3) PTOs are divided into three groups according to operation system, namely pneumatic, mechanic or vacuum.
- 4) PTOs have four different types of outlets such as Iso, Uni, pin holed and flanged.



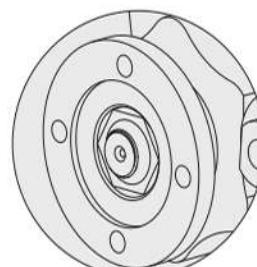
Iso



Uni



Pin Hole



With Flange

POINTS TO TAKE INTO CONSIDERATION ON PTO SELECTION

- 1) Define exactly the vehicle and the gear box models numbers from the label on the gear box. Examine relevant PTO group and types from the catalogue.
- 2) Determine the gear box mounting location (rear, right, left).
- 3) Select the PTO compatible with the gear box.
- 4) Determine whether the power and rotation provided by the PTO meet your requirement or not.
- 5) Determine additional products (drive shaft, flange, coupling, etc) you may need together with the PTO.
- 6) Determine the PTO command type (pneumatic, mechanic, vacuum).

POINTS TO BE TAKEN INTO CONSIDERATION DURING THE ASSEMBLY

- 1) Stop the vehicle engine during the assembly.
- 2) Discharge the gear box oil into a can.
- 3) Open the cover protecting the main transmission gear. Clean the mounting surface and bolt holes.
- 4) Tighten well PTO mounting drift pins to the gear box.
- 5) Grease PTO seal to make it stable during the assembly. Grease used should be permanent.
- 6) Bolts should be 60Nm on 6 holes PTO, 70 Nm on 8 holes PTO and 70Nm on rear mounting 4 holes PTO.
- 7) Start the engine for 5-10 seconds after having assembled the PTO on the gear box and listen to the noise of PTO. Gears may be pressed more than necessary on each other if the noise is moaning. Remove PTO and put another seal in addition or a thicker seal. Put a thinner seal if the noise is clattering. Never contact the PTO with gear box surface.
- 8) Fill in the discharged gear box oil and add if necessary. Never move the vehicle without having controlled.
- 9) Start the engine for 5 to 10 minutes. The assembly is successful if no problems occur within this period.
- 10) Control again the tightness of bolts and make a last visual control.
- 11) Mount the hose coming from the compressor to the PTO. Minimum 6 bar
- 12) Control whether PTO works or not.

PTO PROBLEMS

a-) Not Working Pto

- 1) The most important reason for this problem may be a not sufficiently high pressure or a leak on air pressure hose. PTOs operate under 6 bar pressure or over.
- 2) Dusty or wet air is coming to PTO. Air should be cleaned in the night and renewed if necessary.
- 3) Pneumatic piston may get jammed if it is not operational for a given time and doesn't operate even on high air pressure.
- 4) Dumper button may be deteriorated.

b) Not be able to stop pto while working

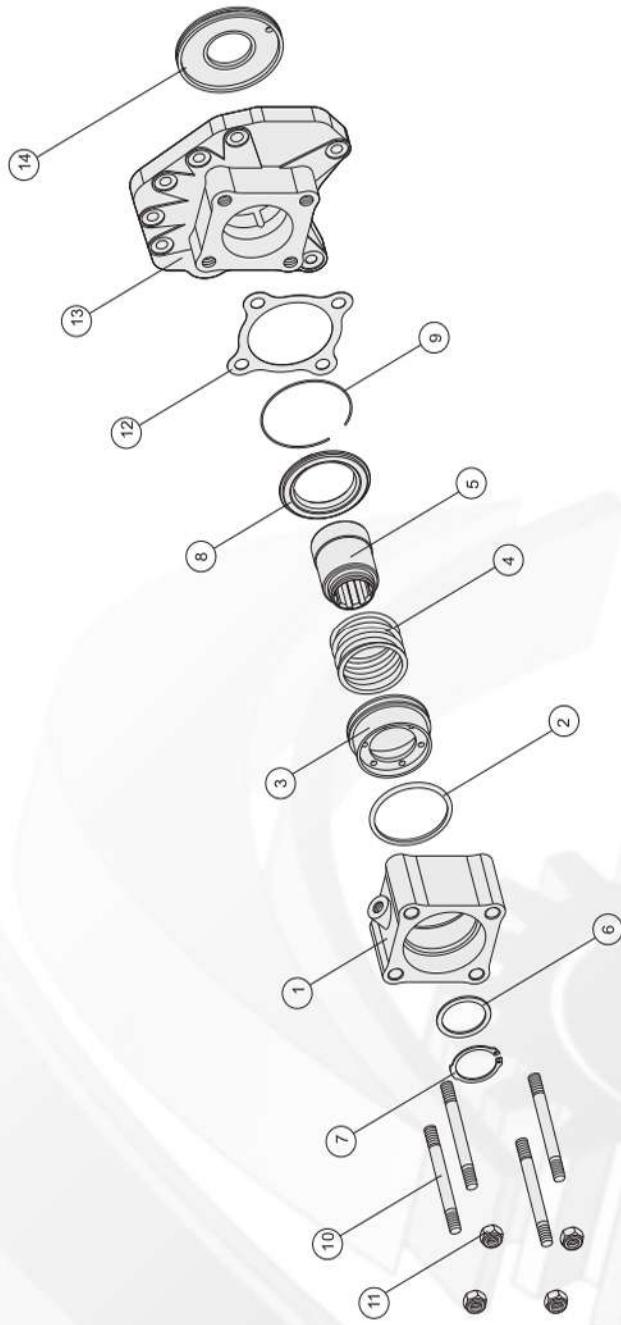
- 1) Pneumatic piston may be deteriorated. This is generally due to coming of dusty and wet air to the piston.
- 2) Dumper button may be deteriorated. It does not discharge and let the piston free.
- 3) Gear ends may get swelled and do not let the coupler gear free on uses without clutch.

c) Other problems

- 1) Torque provided by PTO decreases if the impermeability is not fit and seals are not assembled in the right way.
- 2) A loud noise emerges from the PTO if coupler gear and transmission gear are not tightly assembled. Ball bearings and gears may be damaged if the problem is not solved.
- 3) PTO and the gear box may be severely damaged if the vehicle starts to work without PTO getting disengaged.

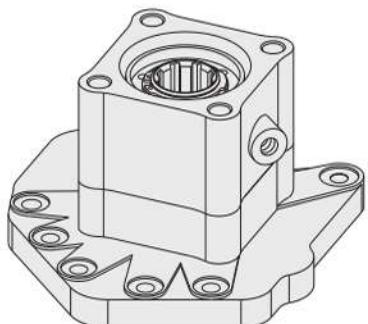
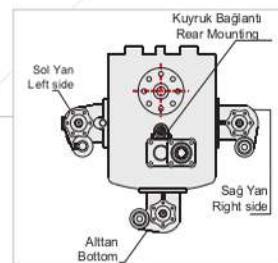
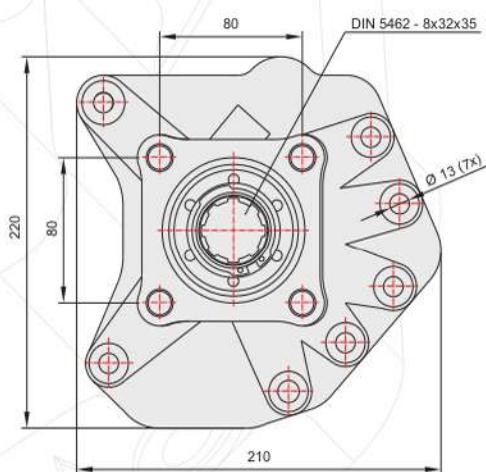
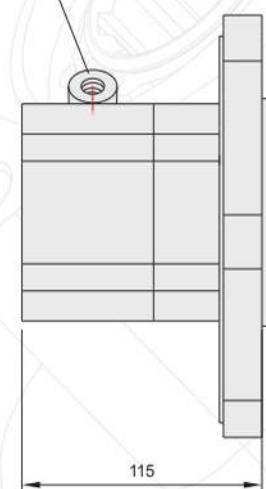


ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



MERCEDES G155-1

Adet	Parça No	Parça Adı	Kod
1	1	Zf1 Gövde	50126322-01
1	2	69.22x5.33 X-ring	50126322-02
1	3	Zf1 Piston	50126322-03
1	4	Zf1 Yay	50126322-04
1	5	Zf1 Kavrama-45	50126322-05
1	6	42x52x2 Pul	50126322-06
1	7	471-42 Segman	50126322-07
1	8	Zf1 Ortalayıcı pul	50126322-08
1	9	1.70 Tel Segman	50126322-09
4	10	M12x120 Saplama	50126322-10
4	11	M12 Sıvıun	50126322-11
1	12	Zf1 Conta	50126322-12
1	13	G155 Plate	50126322-13
1	14	G155 Alüminyum Plaka	50126322-14
20		TOPLAM PARÇA SAYISI	

MERCEDES / G155-1
50126322

 AIR INLET R 1/4"
 HAVA GİRİŞİ R 1/4"

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50126322	
Tork / Torque	23 Kgm	255 Nm
Güç(1000 rpm) / Power	16 Hp	12 Kw
Devir / Speed	500 rpm	500 rpm
Oran / Ratio	1/1	1/1
Ağırlık / Weight	11 kg	24,3 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havalı	Pneumatic
Dönüş / P.T.O. Rotation	Sağ - ISO	Right - ISO

Ana Şanzıman / Gearbox	Kullanılan Bazı Araçlar / Used Vehicles
G 125-135-155-180-200-210-221-240-255-260	1729-1735-1827-1834-1838-1929-1935-2038-2429-2435-2527-2531-2534-2629-2631-2635-2638-3229-3234-3534-3535-1831-1835-1840-1844-1848-1850-1857-1934-1938-1953-2044-2050-2544-2550-2650-2643-2644-3031-3234-3331-3348-4148-3331-3335-3336-3235-3340-2031-2040-2648-3548-3553-3557-3538 ACTROS MERCEDES BENZ

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
 The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
 Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF

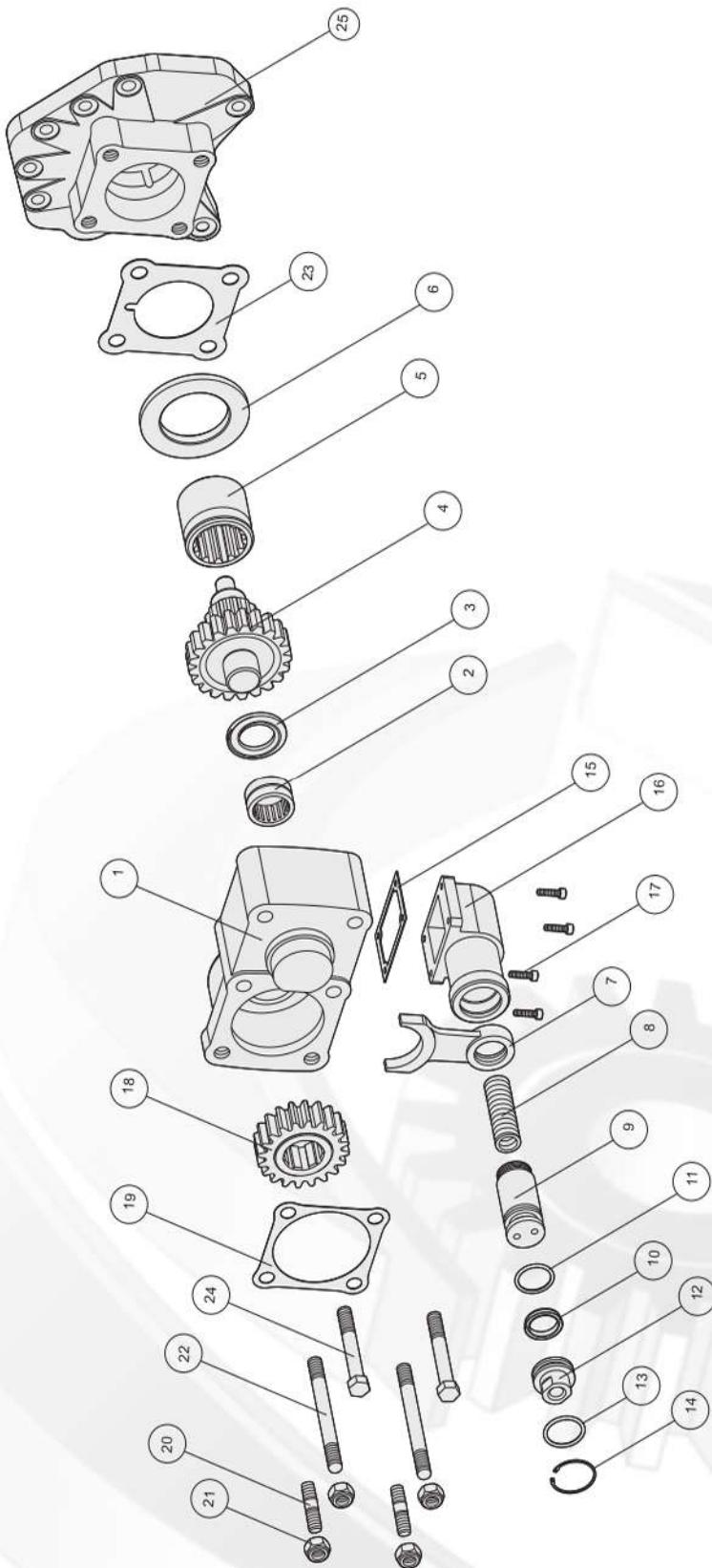
P.T.O.

ÜRÜN MONTAJ ve PARÇA LİSTESİ
 PRODUCT ASSEMBLY and PART LIST

POWER TAKE OFF

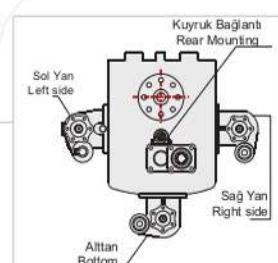
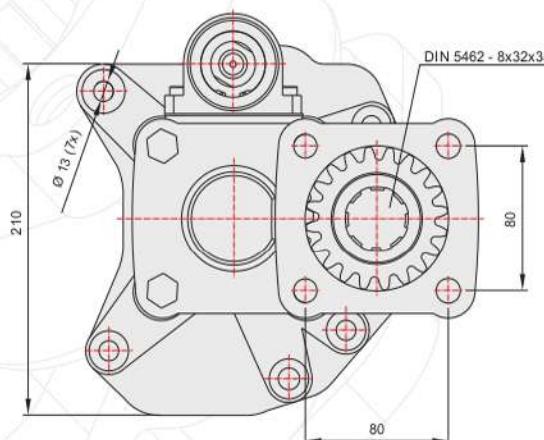
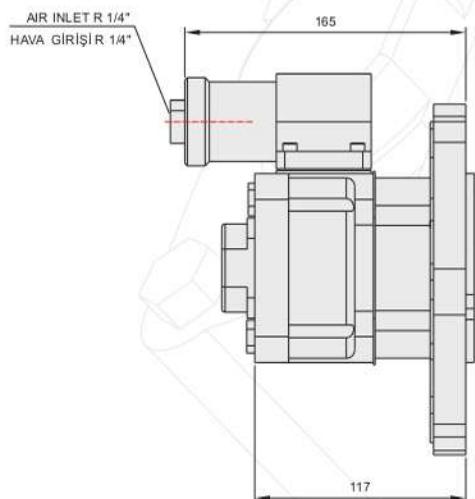
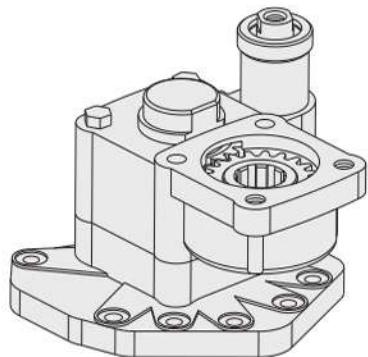
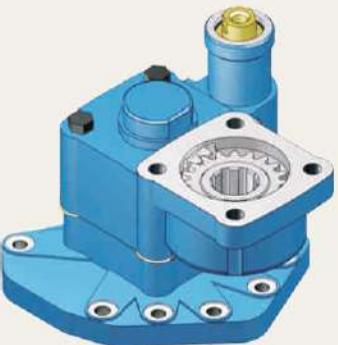
P.T.O.

P



MERCEDES G155-2

Adet	Parça No	Parça Adı	Kod	Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50127321-01	1	14	472x36 Segman	50127321-14
1	2	Nk 30/20A Rulman	50127321-02	1	15	Pnömatik Kovan contası	50127321-15
1	3	31x52x4 Bronz Pul	50127321-03	1	16	Pnömatik Kovan	50127321-16
1	4	Grup Disisi	50127321-04	4	17	M6x20 Cıvata	50127321-17
1	5	Kavrama Disisi	50127321-05	1	18	8x20 Disli	50127321-18
1	6	G155-2 Ortalayıcı Pul	50127321-06	1	19	Zf1 Conta	50127321-19
1	7	Hilal	50127321-07	2	20	M12x45 Saplama	50127321-20
1	8	Pnömatik Yay	50127321-08	4	21	M12-Somun	50127321-21
1	9	Pnömatik Piston	50127321-09	2	22	M120x20 Saplama	50127321-22
1	10	3x27 O-ing	50127321-10	1	23	Zf2 Conta	50127321-23
1	11	33x25x5.5 Nutring	50127321-11	2	24	M12x90 Civata	50127321-24
1	12	Pnömatik Kapak	50127321-12	1	25	G100 Plate	50127321-25
1	13	29.75x3.53 O-ring	50127321-13	34	TOPLAM PARÇA SAYISI		

MERCEDES / G155-2
50127321

GENEL BİLGİLER/GENERAL DATA

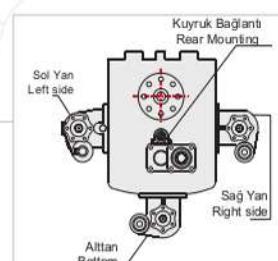
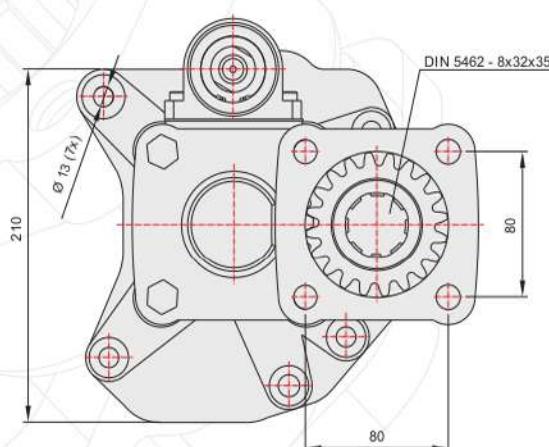
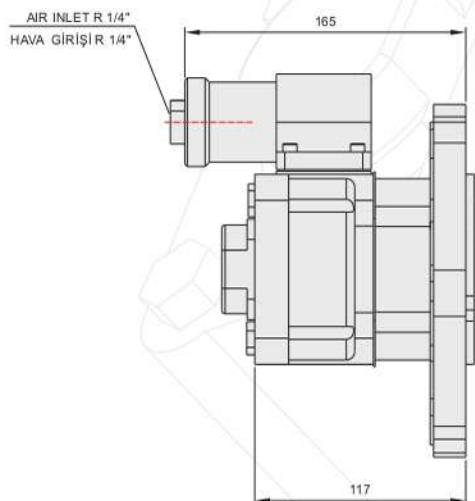
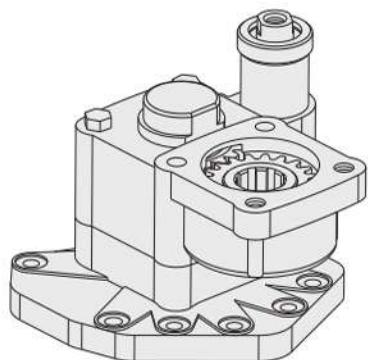
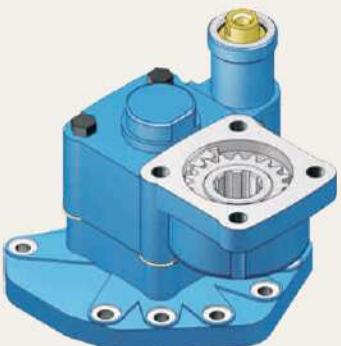
P.T.O. KODU / P.T.O. CODE	50127321	
Tork / Torque	28 Kgm	275 Nm
Güç(1000 rpm) / Power	57,7 Hp	43 Kw
Devir / Speed	675 rpm	675 rpm
Oran / Ratio	1/1,12	1/1,12
Ağırlık / Weight	16,6 kg	36,6 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - ISO	Left - ISO

Ana Şanziman / Gearbox	Kullanılan Bazı Araçlar / Used Vehicles
G 125-135-155-180-200-210-221-240-255-260	1729-1735-1827-1834-1838-1929-1935-2038-2429-2435-2527-2531-2534-2629-2631-2635-2638-3229-3234-3534-3535-1831-1835-1840-1844-1848-1850-1857-1934-1938-1953-2044-2050-2544-2550-2650-2643-2644-3031-3234-3331-3348-4148-3331-3535-3336-3340-3235-3340-2031-2040-2648-3548-3553-3557-3538 ACTROS MERCEDES BENZ

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF
P.T.O.
P

50127321

GENEL BİLGİLER/GENERAL DATA

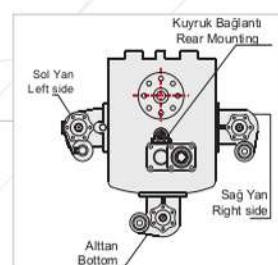
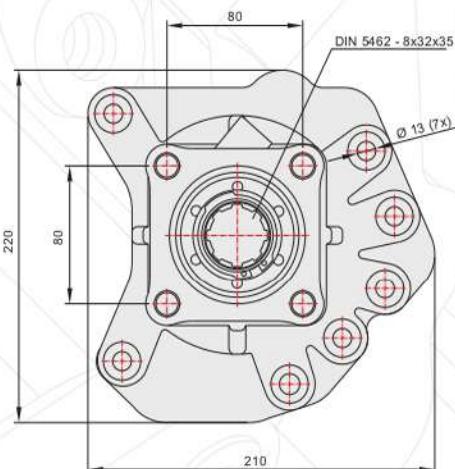
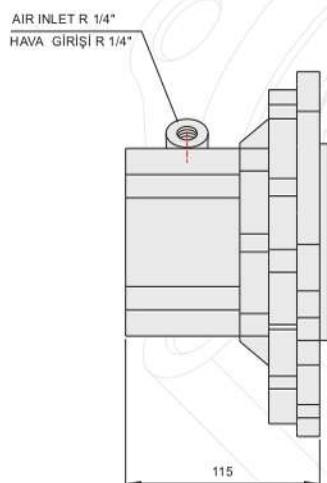
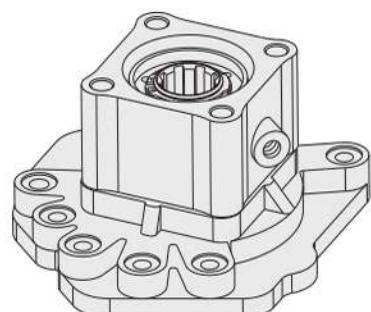
P.T.O. KODU / P.T.O. CODE	50127321	
Tork / Torque	28 Kgm	275 Nm
Güç(1000 rpm) / Power	57,7 Hp	43 Kw
Devir / Speed	675 rpm	675 rpm
Oran / Ratio	1/1,12	1/1,12
Ağırlık / Weight	16,6 kg	36,6 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havalı	Pneumatic
Dönüş / P.T.O. Rotation	Sol - ISO	Left - ISO

Ana Şanzıman / Gearbox	Kullanılan Bazı Araçlar / Used Vehicles
G 125-135-155-180-200-210-221-240-255-260	1729-1735-1827-1834-1838-1929-1935-2038-2429-2435-2527-2531-2534-2629-2631-2635-2638-3229-3234-3534-3535-1831-1835-1840-1844-1848-1850-1857-1934-1938-1953-2044-2050-2544-2550-2650-2643-2644-3031-3234-3331-3348-4148-3331-3535-3336-3340-3235-3340-2031-2040-2648-3548-3553-3557-3538 ACTROS MERCEDES BENZ

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
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P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF
P.T.O.
P

MERCEDES / G100-1
50124322

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50124322	
Tork / Torque	24 Kgm	235,5 Nm
Güç(1000 rpm) / Power	16 Hp	12 Kw
Devir / Speed	500 rpm	500 rpm
Oran / Ratio	1/1	1/1
Ağırlık / Weight	10,5 kg	23,3 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sağ - ISO	Right - ISO

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox	Kullanılan Bazı Araçlar / Used Vehicles
G 100	1528-1823-1828-1924-2523-2528-2623- 2628-2832-3224-3228-AXOR 1223-1323-1523-1328-1828-2528- 2628 ATEGO

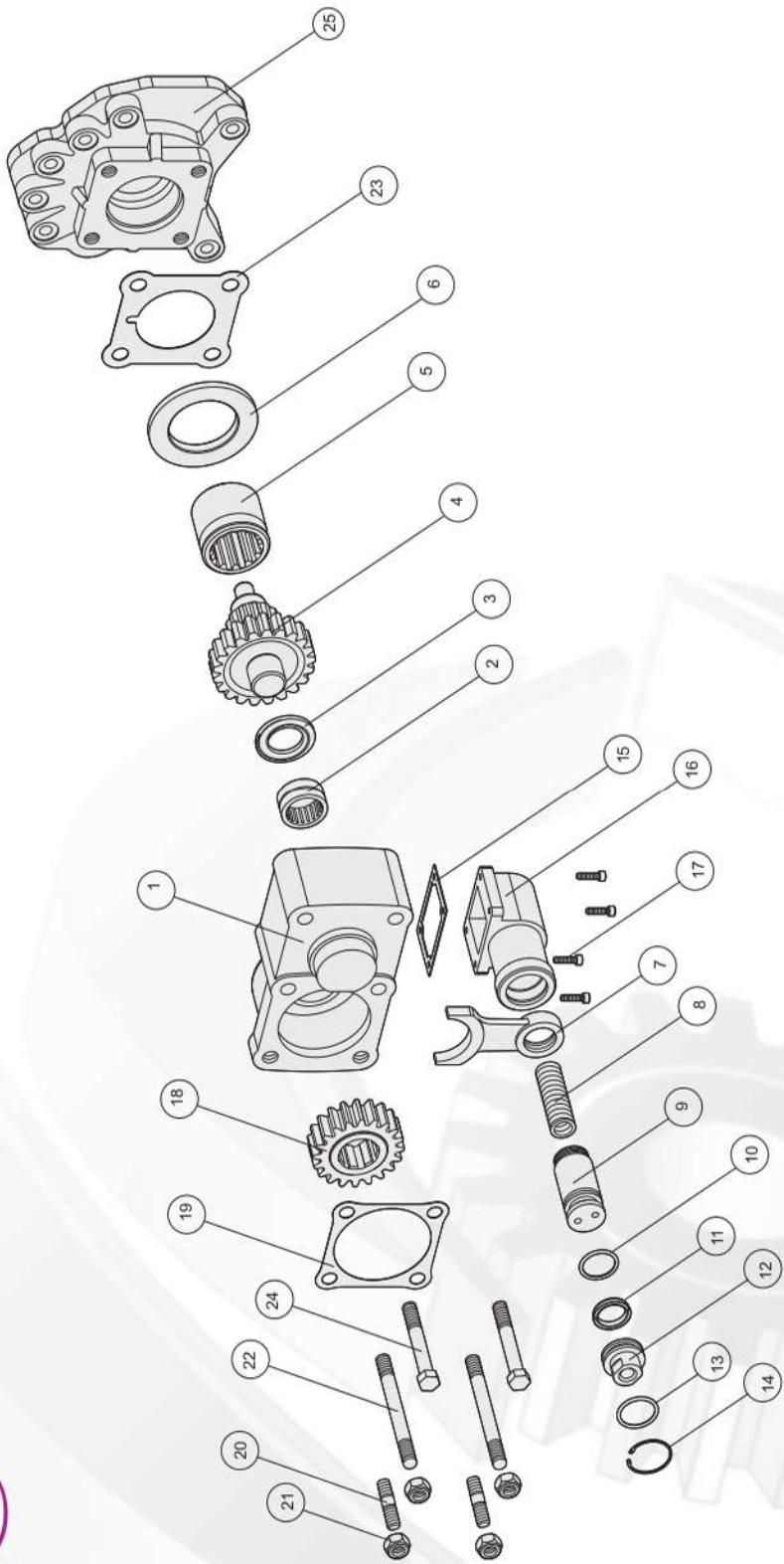
P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST

POWER TAKE OFF

P.T.O.

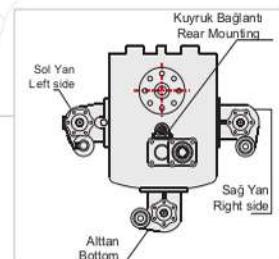
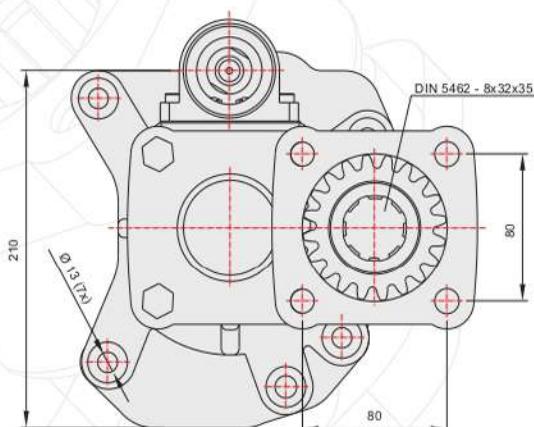
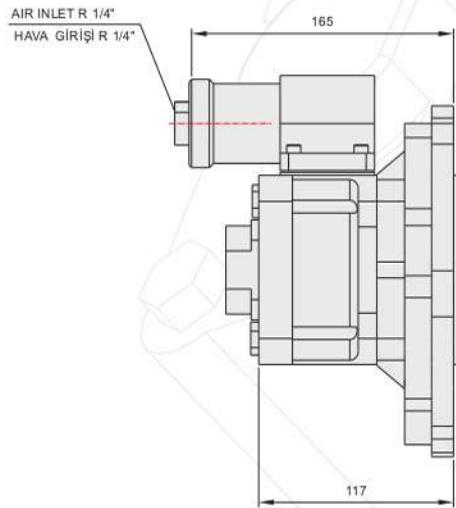
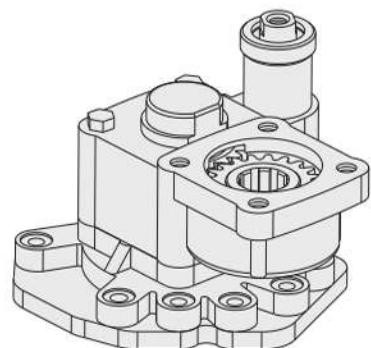
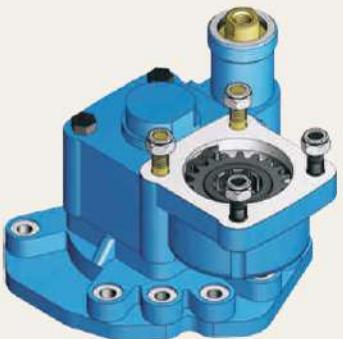
P



MERCEDES G100-2

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50125321-01
1	2	Nk 30/20 Rulman	50125321-02
1	3	31x52x4 Bronz Pul	50125321-03
1	4	Grup Disisi	50125321-04
1	5	Kavrama Disisi	50125321-05
1	6	G100-2 Ortalayıcı Pul	50125321-06
1	7	Hilal	50125321-07
1	8	Pnömatik Yay	50125321-08
1	9	Pnömatik Piston	50125321-09
1	10	3x27 O-ring	50125321-10
1	11	33x25x5,5 Nutring	50125321-11
1	12	Pnömatik Kapak	50125321-12
1	13	29,75x3,53 O-ring	50125321-13
34		TOPLAM PARÇA SAYISI	

Adet	Parça No	Parça Adı	Kod
1	14	472-36 Segman	50125321-14
1	15	Pnömatik Kovan contası	50125321-15
1	16	Pnömatik kovan	50125321-16
4	17	M6x20 Civata	50125321-17
1	18	8x20 Disli	50125321-18
1	19	Zfir Conta	50125321-19
2	20	M12x45 Saplama	50125321-20
4	21	M12 Somun	50125321-21
2	22	M120x20 Saplama	50125321-22
1	23	Zfir Conta	50125321-23
2	24	M12x90 Civata	50125321-24
1	25	G100 Plate	50125321-25
34		TOPLAM PARÇA SAYISI	

MERCEDES / G100-2
50125321

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50125321	
Tork / Torque	30 Kgm	295 Nm
Güç(1000 rpm) / Power	57,7 Hp	43 Kw
Devir / Speed	675 rpm	675 rpm
Oran / Ratio	1/1,12	1/1,12
Ağırlık / Weight	16,6 kg	36,6 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - ISO	Left - ISO

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox	Kullanılan Bazı Araçlar / Used Vehicles
G 100	2523-2528-3228 AXOR

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF
P.T.O.

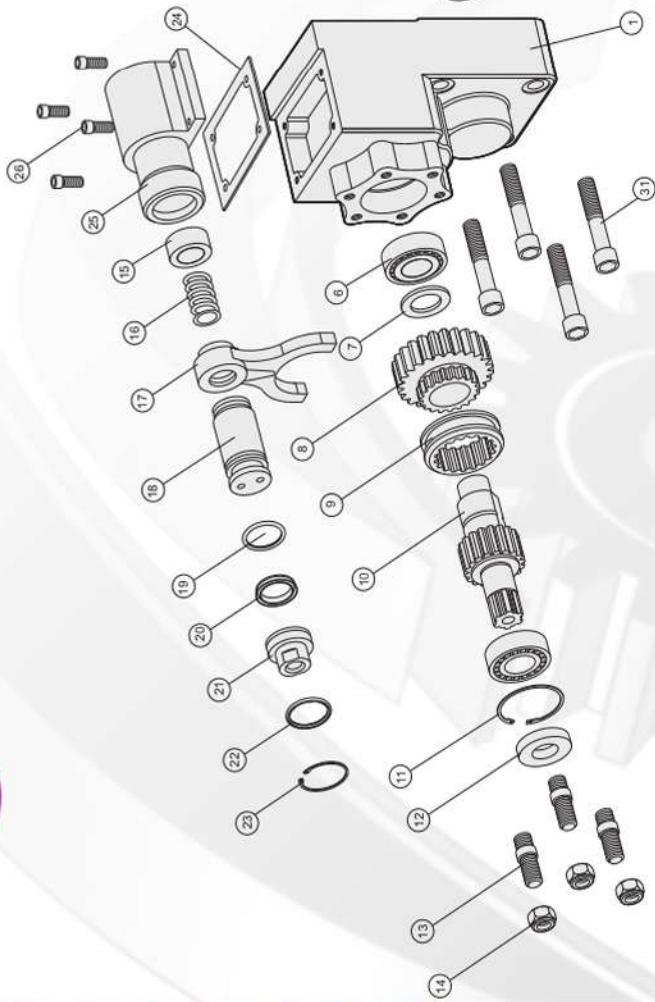
MERCEDES ATEGO

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST

P.T.O.

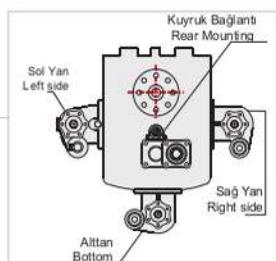
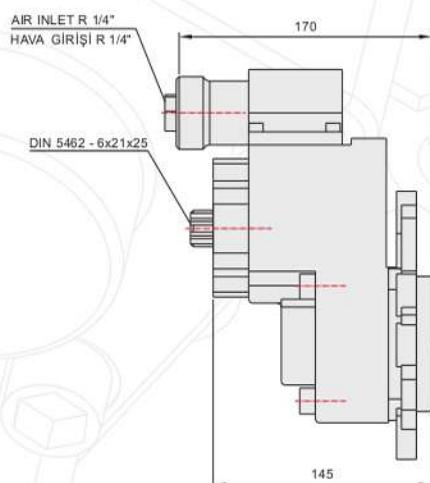
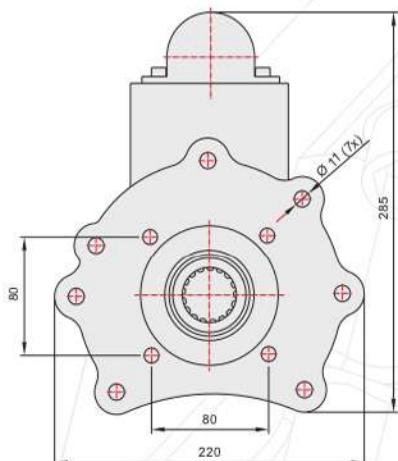
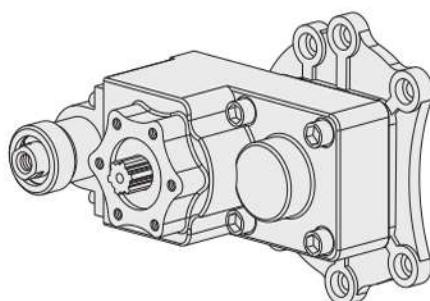
POWER TAKE OFF

P



MERCEDES ATEGO

Kod	Parça No	Parça Adı	Adet
50122311 -01	50122311 -17	Hilal	1
50122311 -02	50122311 -18	Friömatik Piston	1
50122311 -03	50122311 -19	3x27 O-ring	1
50122311 -04	50122311 -20	33x25x5,5 Nutring	1
50122311 -05	50122311 -21	Friömatik Kapak	1
50122311 -06	50122311 -22	29,75x3,53 O-ring	1
50122311 -07	50122311 -23	472-36 Segman	1
50122311 -08	50122311 -24	Friömatik Kovan Contası	1
50122311 -09	50122311 -25	Friömatik Kovan	1
50122311 -10	50122311 -26	M6x20 Civata	4
50122311 -11	50122311 -27	Conta	1
50122311 -12	50122311 -28	Atego - Plate	1
50122311 -13	50122311 -29	M10x25 Civata	8
50122311 -14	50122311 -30	Atego Conta	1
50122311 -15	50122311 -31	M12x65 Civata	4
50122311 -16	50122311 -31	TOPLAM PARÇA SAYISI	49

50122311

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50122311	
Tork / Torque	22,4 Kgm	219,7 Nm
Güç(1000 rpm) / Power	20 Hp	14,9 Kw
Devir / Speed	650 rpm	650 rpm
Oran / Ratio	1/1,12	1/1,12
Ağırlık / Weight	12 kg	26,5 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - UNI	Left - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox
G 60,85
Kullanılan Bazı Araçlar / Used Vehicles

614-814-815-818-817-823-925-1017-1328-
1215-1217-1223-1225-1317-1323-1328-
1517-1523-1618-1623-1823 ATEGO

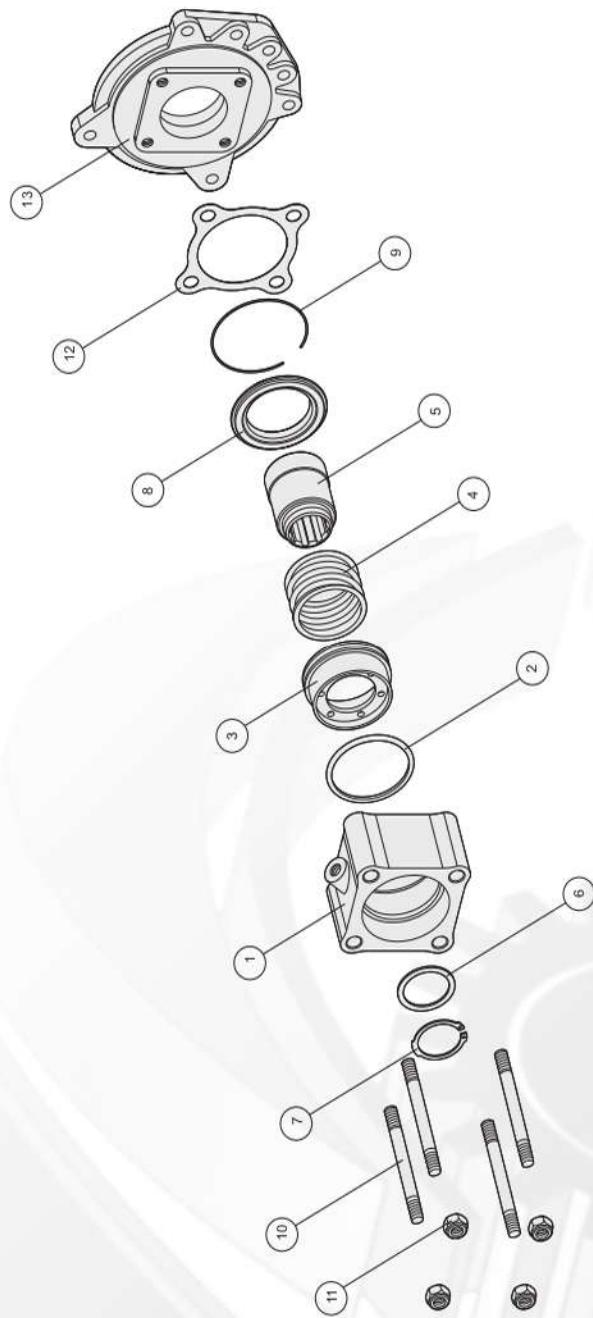
P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

MERCEDES / G4

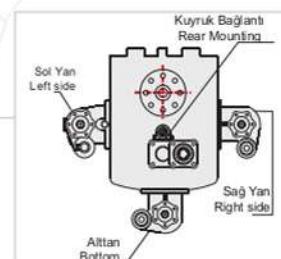
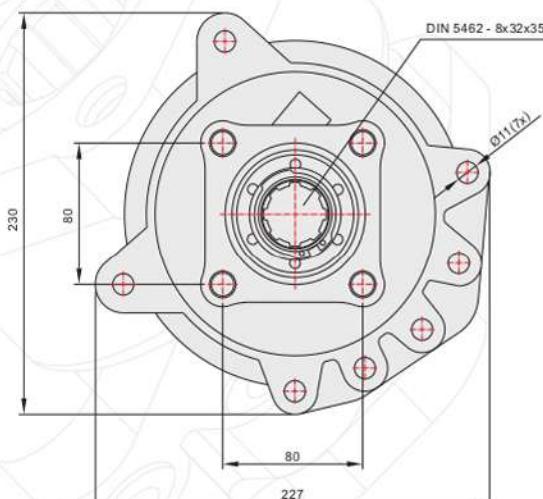
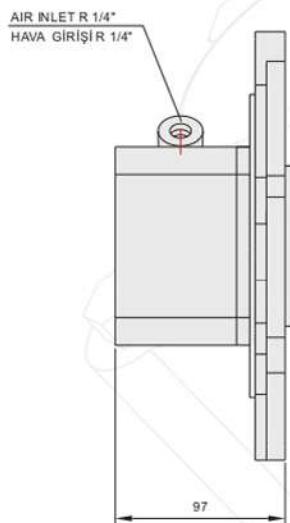
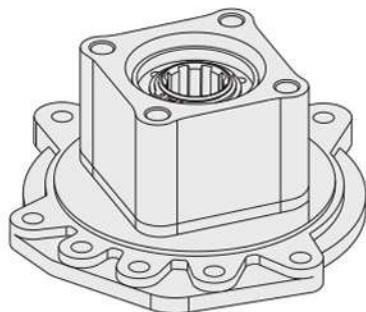
P.T.O.

POWER TAKE OFF

ÜRÜN MONTAJ ve PARÇA LİSTESİ



MERCEDES G4			
Adet	Parça No	Parça Adı	Kod
1	1	Zf1 Gövde	50128322-01
1	2	69.22x5.33 X-ring	50128322-02
1	3	Zf1 Piston	50128322-03
1	4	Zf1 Yay	50128322-04
1	5	Zf Kavrama-40	50128322-05
1	6	42x52x2 Pul	50128322-06
1	7	47142 Segman	50128322-07
1	8	Zf1 Ortalayıcı pul	50128322-08
1	9	1.70 Tel Segman	50128322-09
4	10	M12x120 Saplama	50128322-10
4	11	M12 Sonmum	50128322-11
1	12	Zf1 Conta	50128322-12
1	13	G4 Plate	50128322-13
19	TOPLAM PARÇA SAYISI		

MERCEDES / G4
50128322

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50128322	
Tork / Torque	23,5 Kgm	230,5 Nm
Güç(1000 rpm) / Power	16 Hp	12 Kw
Devir / Speed	500 rpm	500 rpm
Oran / Ratio	1/1	1/1
Ağırlık / Weight	12 kg	26,5 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sağ - ISO	Right - ISO

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

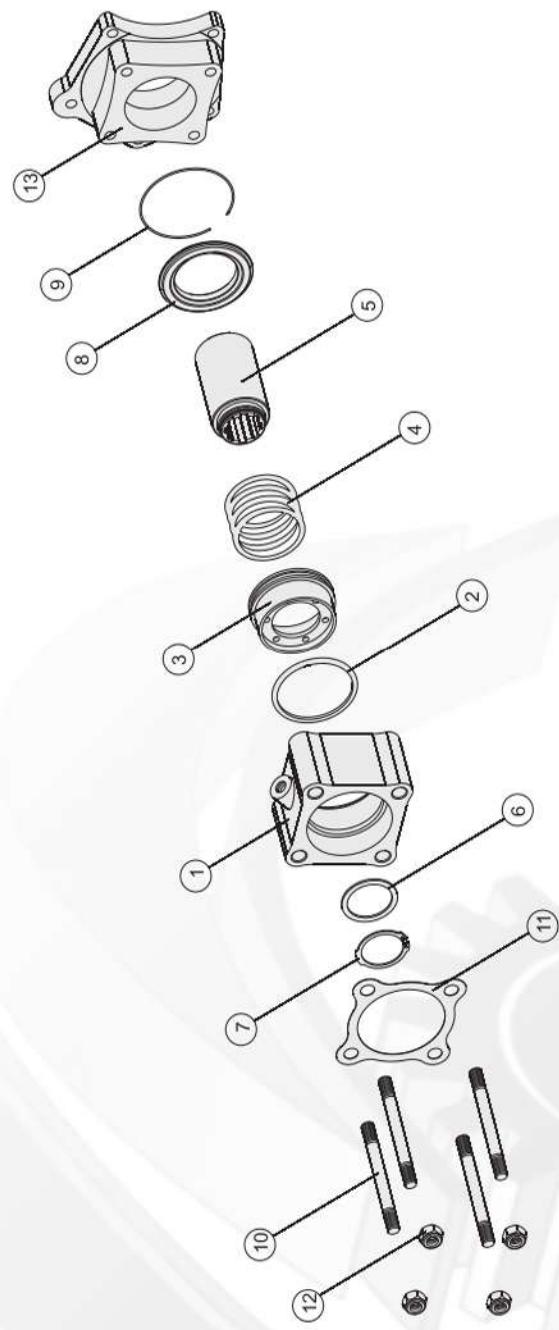
Ana Şanzıman / Gearbox	Kullanılan Bazı Araçlar / Used Vehicles
G4-GV/ 4 65,90,95,110,125,135, 155,180	1222-1224-1417-1419-1617-1619-1620- 1722-1733-1817-1820-1821-1827-1831- 1922-2232-2517-2521-2527-3027-1424- 1628-1820-1824-1929-1935-1948-2224- 2222-2426-2524-2622-2629-2635- MERCEDES BENZ

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

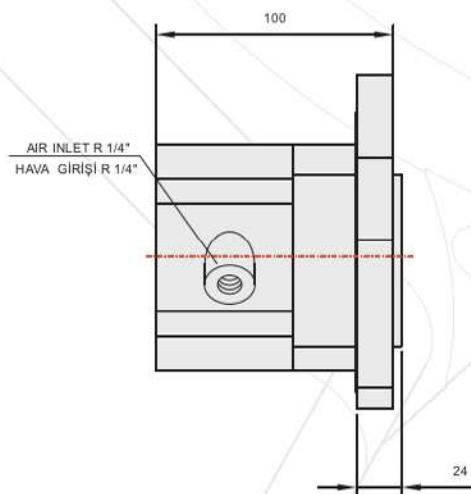
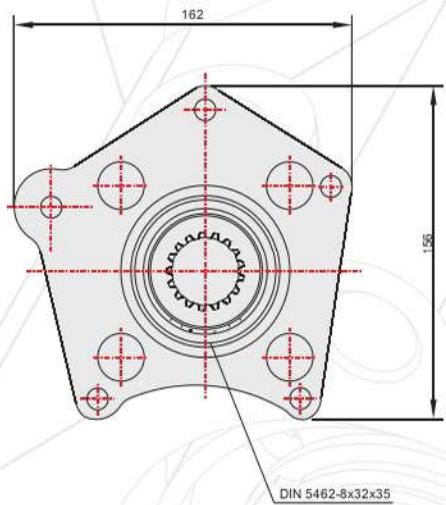
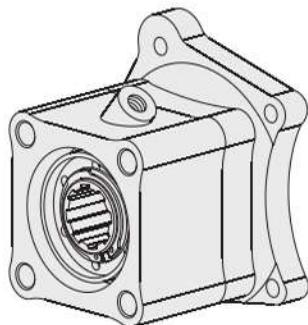
P.T.O.

P

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



MERCEDES 352-1			
Adet	Parça No	Parça Adı	Kod
1	1	Zf1 Gövde	50121322-01
1	2	69.22x5.33 X-ring	50121322-02
1	3	Zf1 Piston	50121322-03
1	4	Zf1 Yay	50121322-04
1	5	352 Kavrama	50121322-05
1	6	42x52x2 Pil	50121322-06
1	7	471.42 Segman	50121322-07
1	8	Zf1 Ortalayıcı Pil	50121322-08
1	9	1.70 Tel Sedman	50121322-09
4	10	M12x1.20 Saplama	50121322-10
1	11	Zf1 Conta	50121322-11
4	12	M12 Somun	50121322-12
1	13	352 Plate	50120311-13
19	TOPLAM PARÇA SAYISI		

MERCEDES / 352-1
50121322

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE		
Tork / Torque	23 Kgm	225 Nm
Güç(1000 rpm) / Power	29,7 Hp	21,9 Kw
Devir / Speed	1000 rpm	1000 rpm
Oran / Ratio	1/1,12	1/1,12
Ağırlık / Weight	7,5 kg	16,5 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sağ - ISO	Right - ISO

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox

G3 / 32,36,40,45,50,55,60,61

Kullanılan Bazı Araçlar / Used Vehicles

 315-352-362-383-609-710-712-809-812-
813-814-817-913-1017-1113-1114-1213-
1216-1318-1618

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF
P.T.O.
P

KUYRUK/REAR

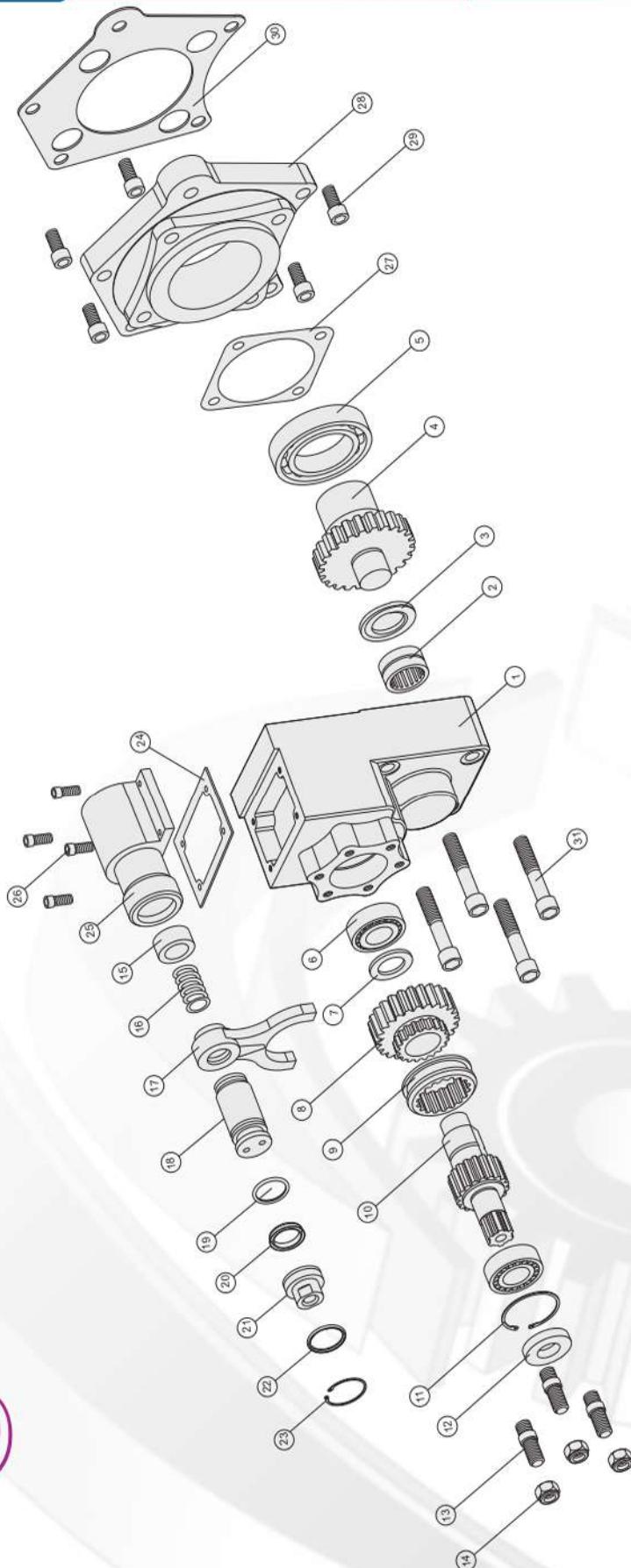
MERCEDES / 352-2

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST

POWER TAKE OFF

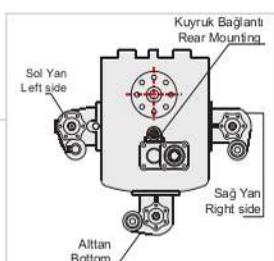
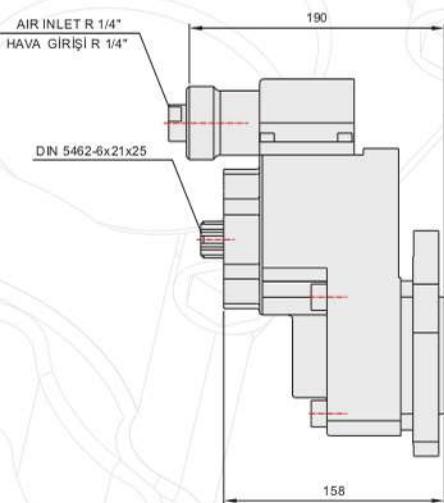
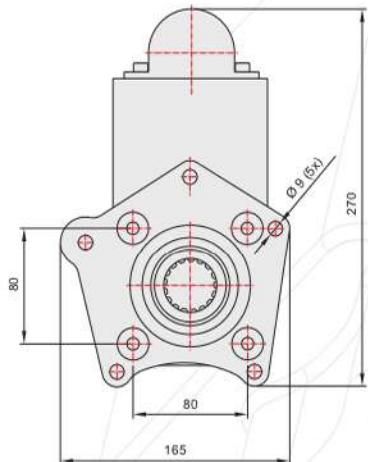
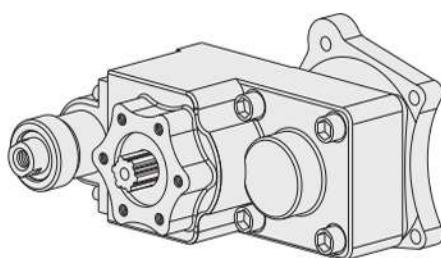
P.T.O.

P



Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50120311 -01
1	2	Nk 30/20 Rulman	50120311 -02
1	3	31x52x4 Bronz Pül	50120311 -03
1	4	Grup Disisi	50120311 -04
1	5	6011 Rulman	50120311 -05
2	6	Ni 205 Rulman	50120311 -06
1	7	25.5x39.5x3 Pül	50120311 -07
1	8	Küçük Disili	50120311 -08
1	9	Senkromec	50120311 -09
1	10	6x18 Alt Mili	50120311 -10
1	11	472-52 Segman	50120311 -11
1	12	25x52x10 Kece	50120311 -12
3	13	M10x45 Saplama	50120311 -13
3	14	M10 Somun	50120311 -14
1	15	25x35x15 Ortalama Pulu	50120311 -15
1	16	Pnömatik Yaya	50120311 -16
1	17	Hilal	50120311 -17
1	18	Pnömatik Piston	50120311 -18
1	19	3x27 O-ring	50120311 -19
1	20	33x25x5.5 Nutring	50120311 -20
1	21	Pnömatik Kapak	50120311 -21
1	22	29.75x3.53 O-ring	50120311 -22
1	23	472-36 Segman	50120311 -23
1	24	Pnömatik Kovan Kontası	50120311 -24
1	25	Pnömatik Kovan	50120311 -25
4	26	M6x20 Civata	50120311 -26
1	27	Conia	50120311 -27
1	28	352-Plate	50120311 -28
5	29	M10x25 Civata	50120311 -29
1	30	352 Canta	50120311 -30
4	31	M12x65 Civata	50120311 -31
43	TOPLAM PARÇA SAYISI		50120311 -31

50120311



GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50120311	
Tork / Torque	22,4 Kgm	219,7 Nm
Güç(1000 rpm) / Power	18,5 Hp	13,8 Kw
Devir / Speed	600 rpm	600 rpm
Oran / Ratio	1/1,12	1/1,12
Ağırlık / Weight	11 kg	24,3 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - UNI	Left - UNI

Ana Şanzıman / Gearbox

G3 / 32,36,40,45,50,55,60,61

Kullanılan Bazı Araçlar / Used Vehicles

315-352-362-383-609-710-712-809-812-
813-814-817-913-1017-1113-114-1213-
1216-1318-1618

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF

P.T.O.

KUYRUK/REAR

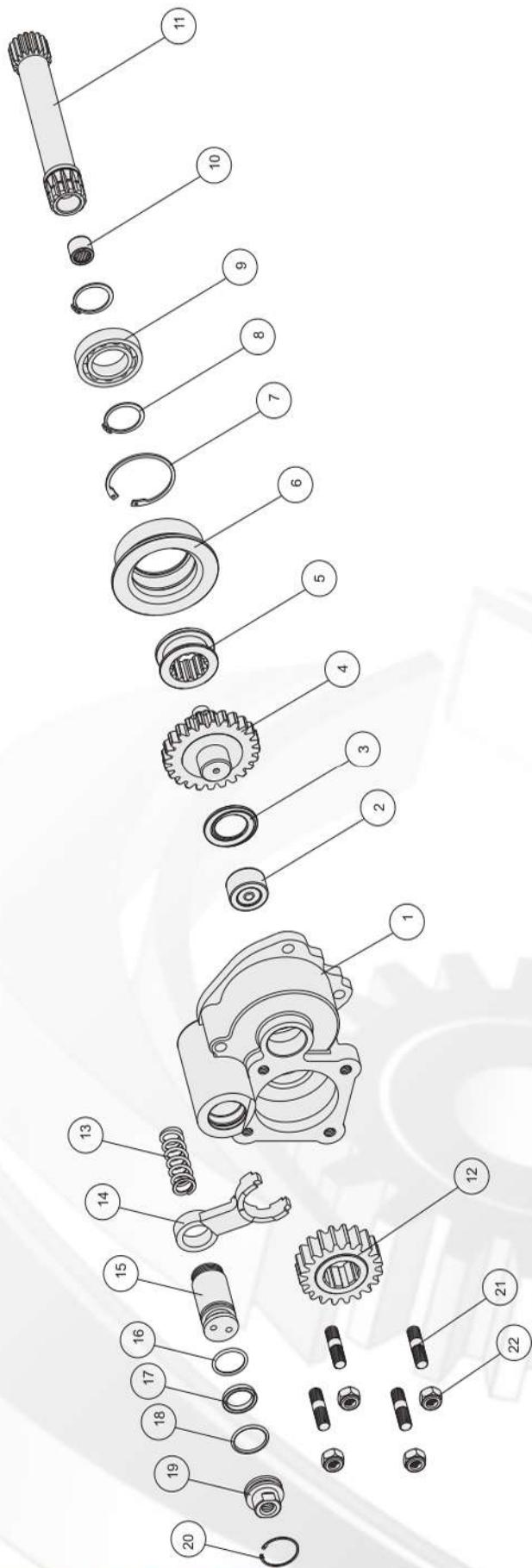
MERCEDES / G3/65-90 UNIMOG

P.T.O.



POWER TAKE OFF

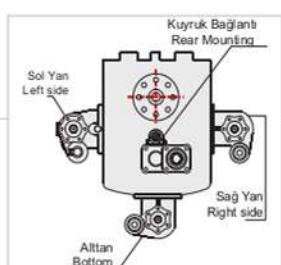
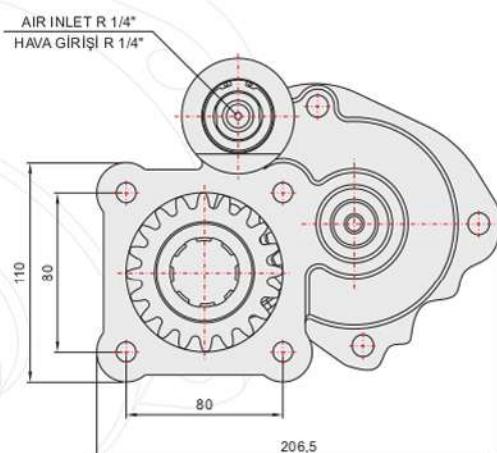
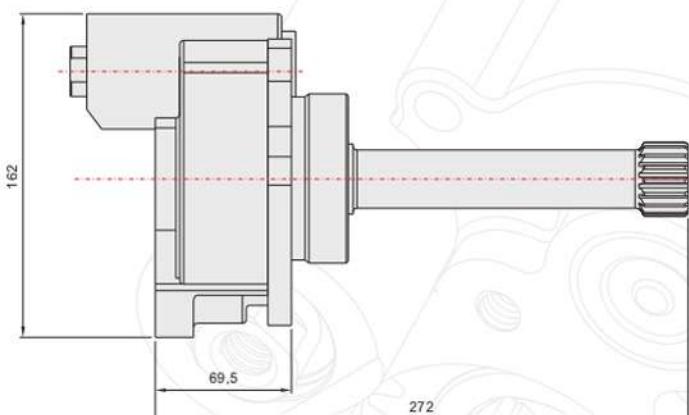
ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



MERCEDES G3/65-90 UNIMOG

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50132321 -01
1	2	Bk 3020 Rulman	50132321 -02
1	3	Bronz Pul	50132321 -03
1	4	Grup Disisi	50132321 -04
1	5	Senkromeç	50132321 -05
1	6	Merkezieme Pulu	50132321 -06
1	7	472-62 Segman	50132321 -07
2	8	471-35 Segman	50132321 -08
1	9	6007 Rulman	50132321 -09
1	10	Hk 1616 Rulman	50132321 -10
1	11	Kardan Mili	50132321 -11
29		TOPLAM PARÇA SAYISI	

Adet	Parça No	Parça Adı	Kod
1	12	8x20 Dışlı	50132321 -12
1	13	Yay	50132321 -13
1	14	Hilal	50132321 -14
1	15	Phömatik Piston	50132321 -15
1	16	3x27 O-ring	50132321 -16
1	17	33x25x5,5 Nutring	50132321 -17
1	18	29,75x3,53 O-ring	50132321 -18
1	19	Phömatik Kapak	50132321 -19
1	20	472-36 Segman	50132321 -20
4	21	M12x45 Sapama	50132321 -21
4	22	M12 Sormun	50132321 -22
29		TOPLAM PARÇA SAYISI	

50132321

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50132321	
Tork / Torque	26,1 Kgm	256 Nm
Güç(1000 rpm) / Power	33,37 Hp	24,9 Kw
Devir / Speed	1000 rpm	1000 rpm
Oran / Ratio	1/1,2	1/1,2
Ağırlık / Weight	10 kg	22 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - ISO	Left - ISO

Ana Şanzıman / Gearbox
G3 / 65-90
Kullanılan Bazı Araçlar / Used Vehicles
1217-1219-1413-1419-1422-1613-1619-1922K-2024-2067-MERCEDES-BENZ/UNIMOG BENZ

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

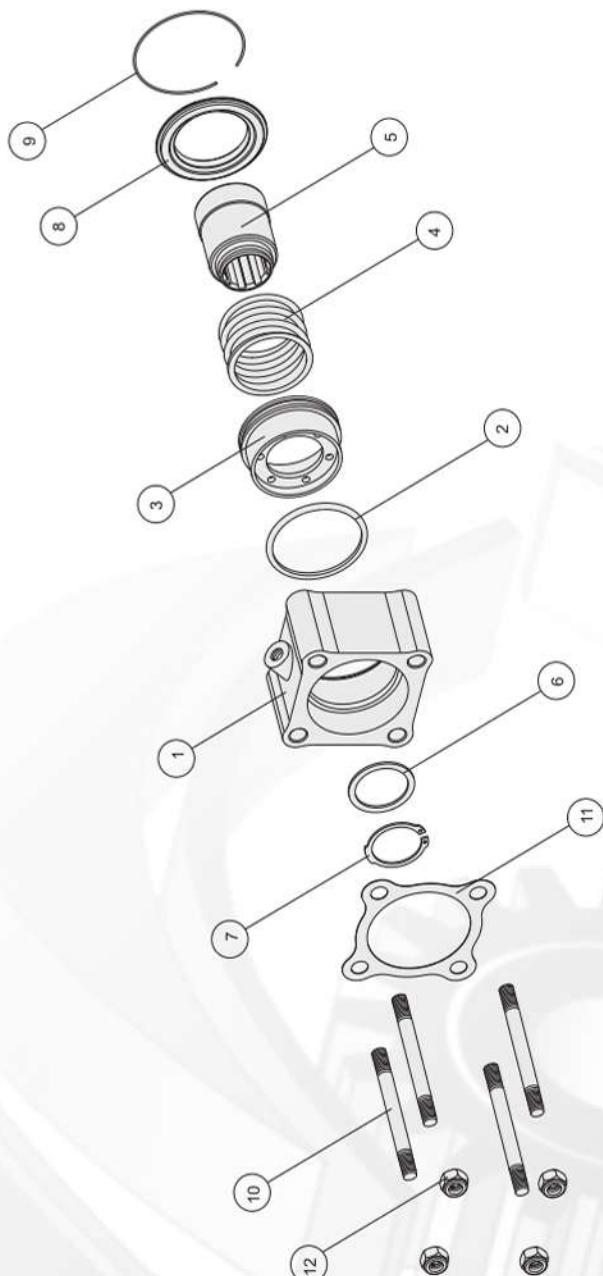
P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF
P.T.O.
P

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST

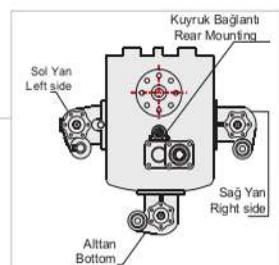
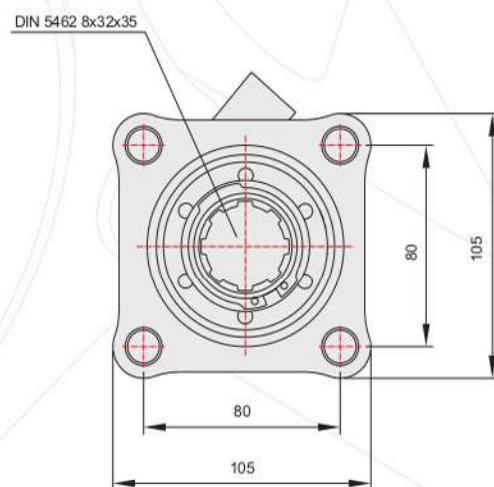
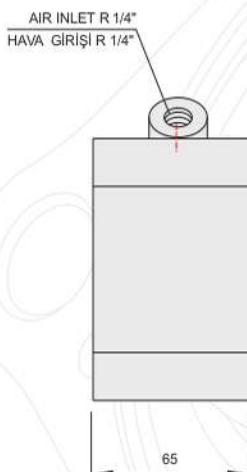
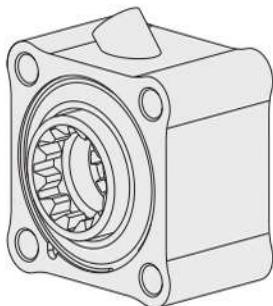
POWER TAKE OFF

P.T.O.



Adet	Parça No	Parça Adı	Kod
1	1	Zf1 Gövde	50210322-01
1	2	69.22x5.33 X-ring	50210322-02
1	3	Zf1 Piston	50210322-03
1	4	Zf1 Yay	50210322-04
1	5	Zf Kavrama-45	50210322-05
1	6	42x52x2 Pul	50210322-06
1	7	471-42 Segman	50210322-07
1	8	Zf1 Ortalayıcı pul	50210322-08
1	9	1.70 Tel Segman	50210322-09
4	10	M12x120 Saplama	50210322-10
1	11	Zf1 Conla	50210322-11
8	12	M12 Sıvımun	50210322-12
18		TOPLAM PARÇA SAYISI	

P

50210322

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50210322	
Tork / Torque	48,9 Kgm	479,5 Nm
Güç(1000 rpm) / Power	34,5 Hp	25,7 Kw
Devir / Speed	513 rpm	513 rpm
Oran / Ratio	1/1	1/1
Ağırlık / Weight	7 kg	15,4 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havalı	Pneumatic
Dönüş / P.T.O. Rotation	Sağ - ISO	Right - ISO

Ana Şanziman / Gearbox

ZF16S251-221-151-150-130-
ZF S5/AK/65-120-111-110-92-
GP ZF S5/AK/6S-90-80-70-66-
65-55-50-42-36-35-ZF-ECOMIT
9S75-9S109-16S109 ZF NEW
ECOSPLIT 16S1620TD-
16S1820TO-18S1820TO-
16S2220TD-16S220TO-
16S2520TO- 16S2023TDL

Kullanılan Bazı Araçlar / Used Vehicles

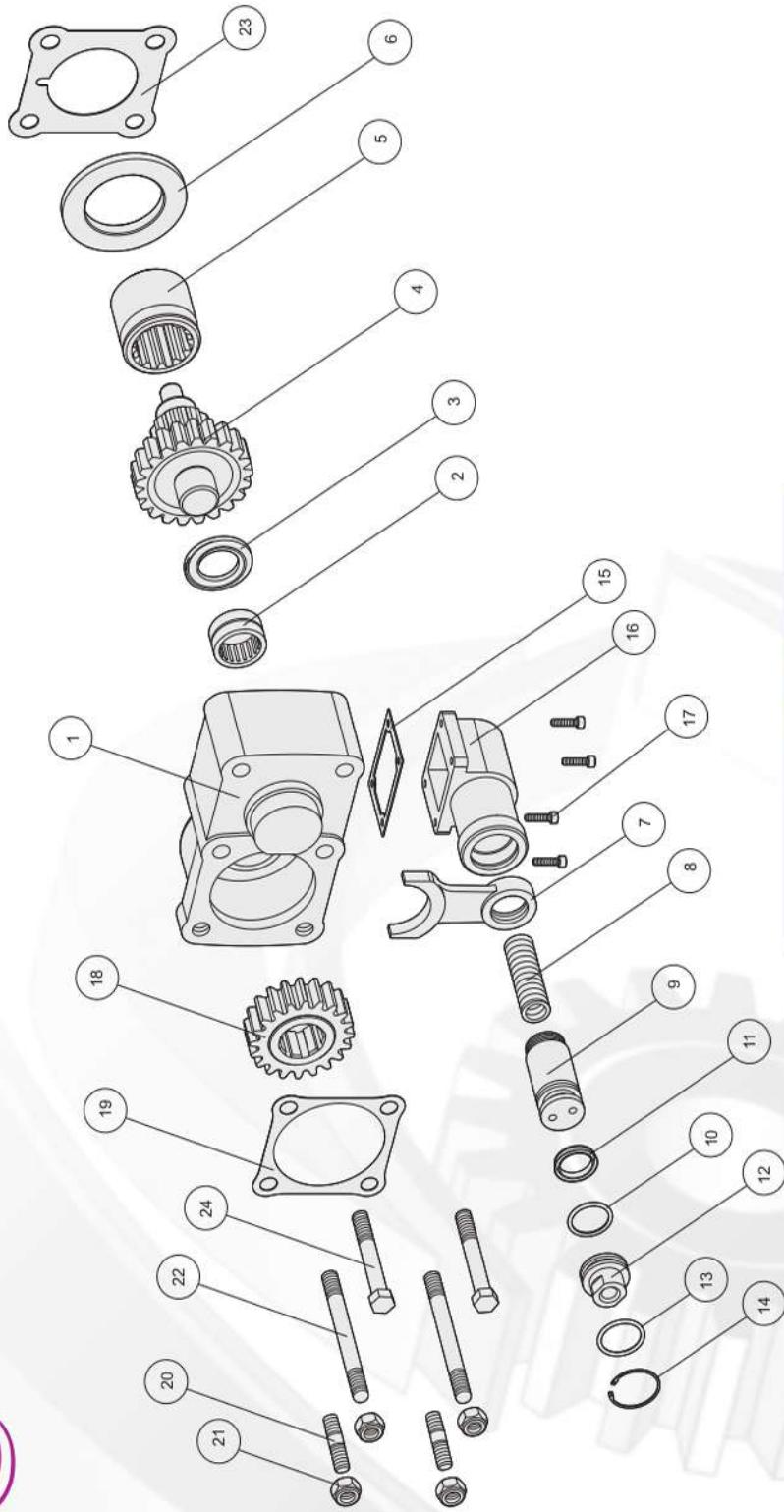
MAN / MERCEDES / BMC PROFESYONEL
/ FORD CARGO / CHRYSLER HINO /
DODGE / FARGO / IVECO /DAF/
DAEWOO / RENAULT

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

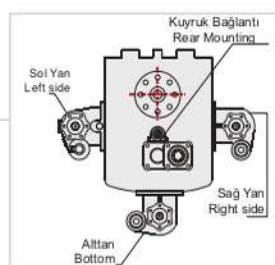
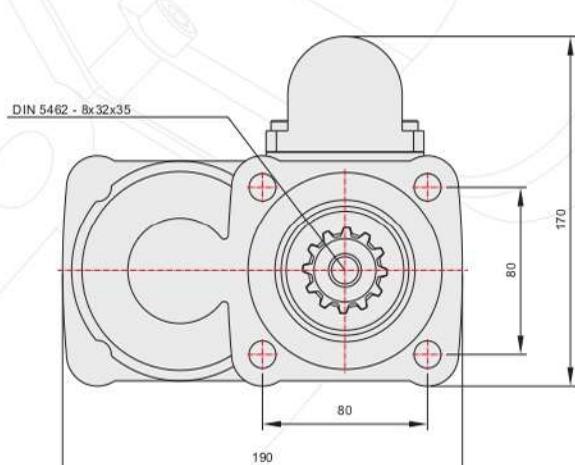
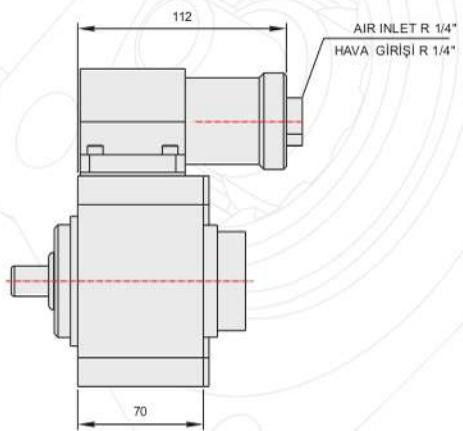
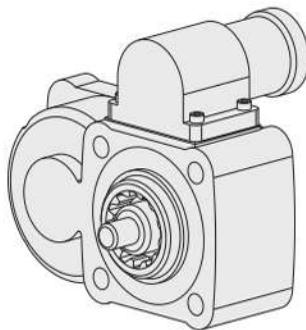
P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF

P.T.O.


 ÜRÜN MONTAJ ve PARÇA LİSTESİ
 PRODUCT ASSEMBLY and PART LIST


ADET	PARÇA NO	PARÇA ADI	KOD
1	1	Zf2 Gövde	50211321-01
1	2	NK 30x20 Rulman	50211321-02
1	3	31x52x4 Bronz Pul	50211321-03
1	4	Grup Dişli	50211321-04
1	5	Kavrama Dişliği	50211321-05
1	6	Zf2 Merkezieme Pulu	50211321-06
1	7	Hilal	50211321-07
1	8	Pnömatik Piston Piston Yayı	50211321-08
1	9	Pnömatik Piston	50211321-09
1	10	3x27 O-Ring	50211321-10
1	11	33x25x5.5 Nutring	50211321-11
1	12	Pnömatik Kapak	50211321-12
2	20	M12x45 Aks Saplama	50211321-20
4	21	M112 Somun	50211321-21
2	22	M12x120 Aks Saplam	50211321-22
1	23	Conta	50211321-23
2	24	M12x90 Cıvata	50211321-24
33		TOPLAM PARÇA SAYISI	

ZF-2 / ISO
50211321

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE		
50211321		
Tork / Torque	26,5 Kgm	260 Nm
Güç(1000 rpm) / Power	24,5 Hp	18,3 Kw
Devir / Speed	675 rpm	675 rpm
Oran / Ratio	1/1,2	1/1,2
Ağırlık / Weight	11 kg	24,4 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - ISO	Left - ISO

Ana Şanzıman / Gearbox

ZF16S251-221-151-150-130-
ZF S5/AK/65-120-111-110-92-
GP ZF S5/AK/6S-90-80-70-66-
65-55-50-42-36-35-ZF-ECOMIT
9S75-9S109-16S109 ZF NEW
ECOSPLIT 16S1620TD-
16S1820TO-18S1820TO-
16S2220TD-16S2220TO-
16S2520TO- 16S2023TDL

Kullanılan Bazı Araçlar / Used Vehicles

MAN / MERCEDES / BMC PROFESYONEL
/ FORD CARGO / CHRYSLER HINO /
DODGE / FARGO / IVECO /DAF/
DAEWOO / RENAULT

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF
P.T.O.
P

ZF MİL ÇIKIŞI

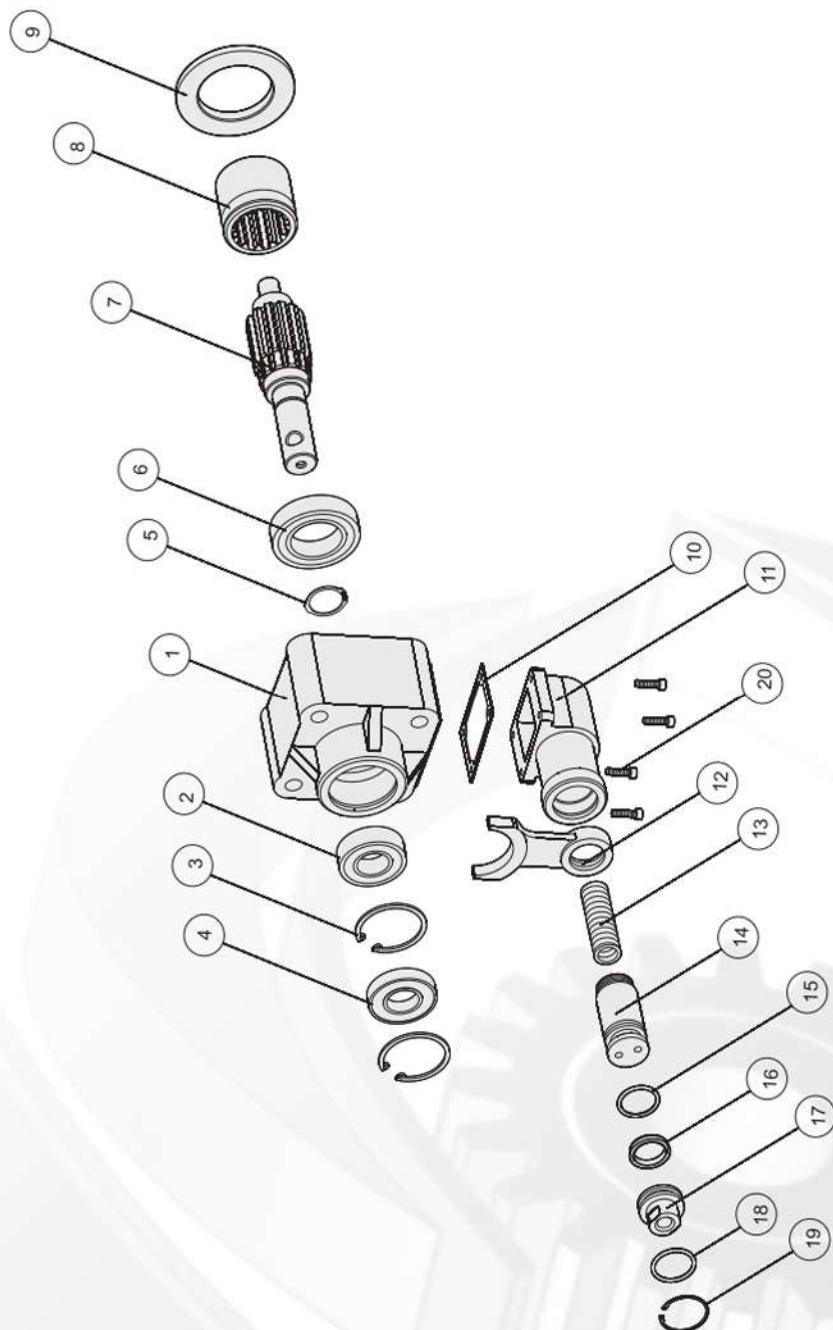
ZF SHAFT OUTLET

POWER TAKE OFF

P.T.O.

P

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST

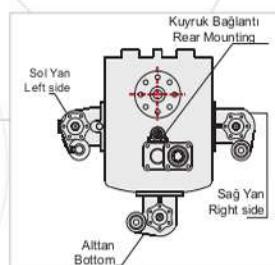
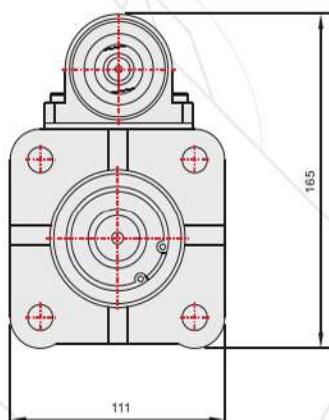
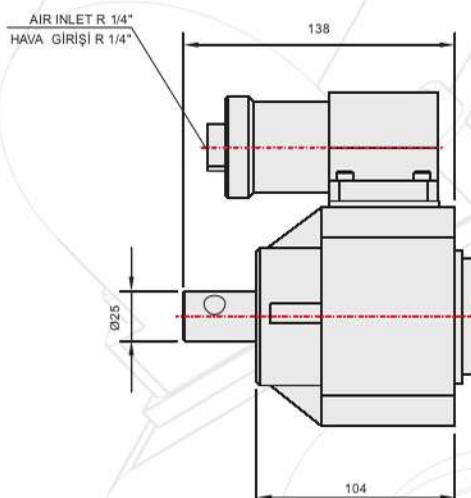
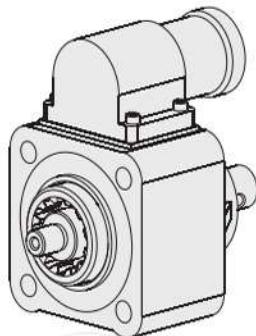


ZF MİLÇIKIŞU / ZF SHAFT OUTLET

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50225342-01
1	2	6205 Rulman	50225342-02
2	3	472-52 Segman	50225342-03
1	4	25x52x10 Keçe	50225342-04
1	5	471-25 Segman	50225342-05
1	6	6008 Rulman	50225342-06
1	7	Pim Delikli Mil	50225342-07
1	8	Kavrama Dışlısı	50225342-08
1	9	Zf Ortalayıcı Pül	50225342-09
1	10	Phömatik Kovan Contası	50225342-10

Adet	Parça No	Parça Adı	Kod
1	11	Phömatik Kovan	50225342-11
1	12	Hilal	50225342-12
1	13	Phömatik Yay	50225342-13
1	14	Phömatik Piston	50225342-14
1	15	3x27 O-ring	50225342-15
1	16	33x25x5 Nutring	50225342-16
1	17	Phömatik Kapak	50225342-17
1	18	29,75x3,53 O-ring	50225342-18
1	19	472-36 Segman	50225342-19
4	20	M5x20 Cıvata	50225342-20

24 TOPLAM PARÇA SAYISI

ZF MİL ÇIKIŞI / ZF SHAFT OUTLET
50225342

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE		
50225342		
Tork / Torque	48,9 Kgm	479,5 Nm
Güç(1000 rpm) / Power	34,5 Hp	25,7 Kw
Devir / Speed	513 rpm	513 rpm
Oran / Ratio	1/1	1/1
Ağırlık / Weight	7 kg	15,4 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sağ	Right

Ana Şanziman / Gearbox
ZF16S251-221-151-150-130-
ZF S5/AK/65-120-111-110-92-
GP ZF S5/AK/6S-90-80-70-66-
65-55-50-42-36-35-ZF-ECOMIT
9S75-9S109-16S109 ZF NEW
ECOSPLIT 16S1620TD-
16S1820TO-18S1820TO-
16S2220TD-16S220TO-
16S2520TO- 16S2023TDL

Kullanılan Bazı Araçlar / Used Vehicles

MAN / MERCEDES / BMC PROFESYONEL
 / FORD CARGO / CHRYSLER HINO /
 DODGE / FARGO / IVECO /DAF/
 DAEWOO / RENAULT

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
 The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
 Fill the oil of the gear box after mounting the P.T.O.

YAN/SIDE

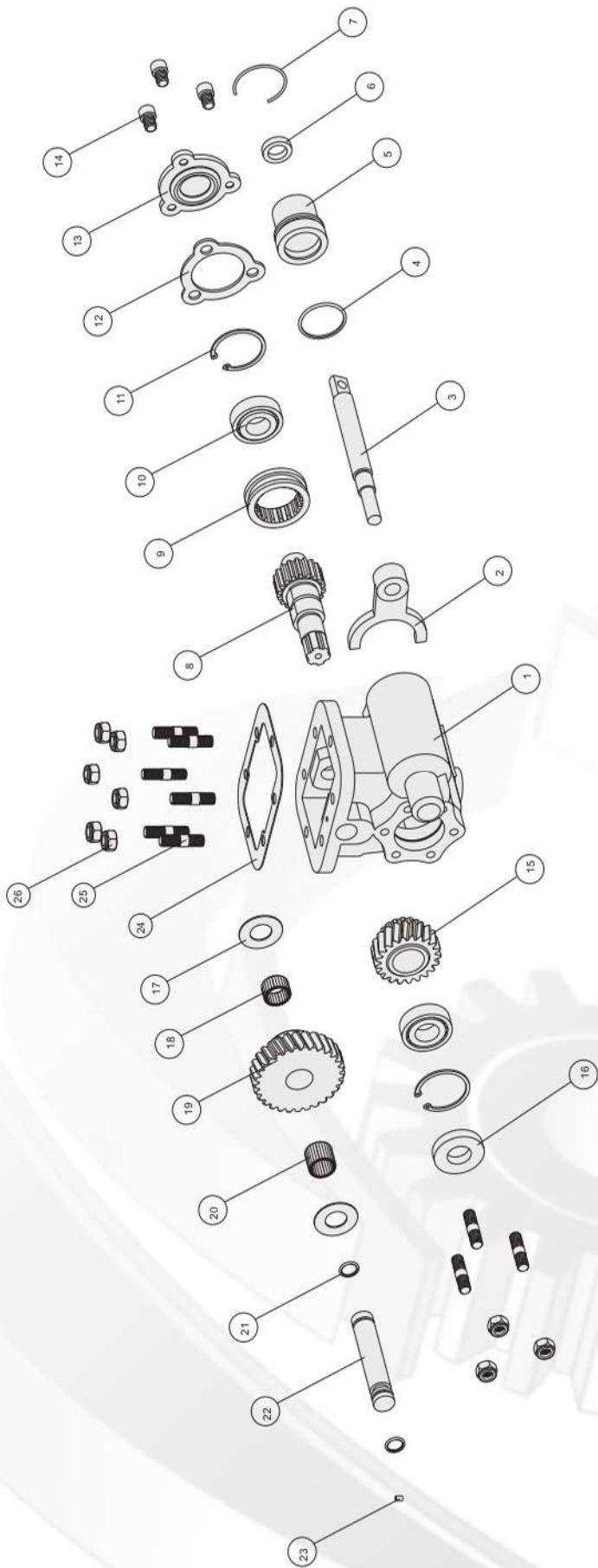
ZF / MB 800

POWER TAKE OFF

P.T.O.

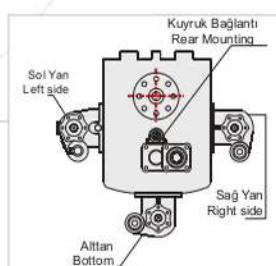
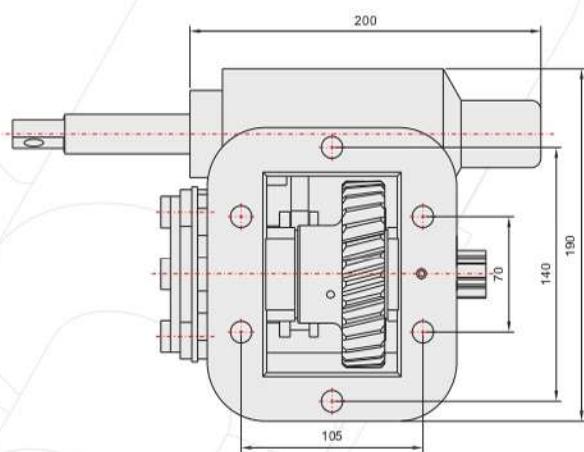
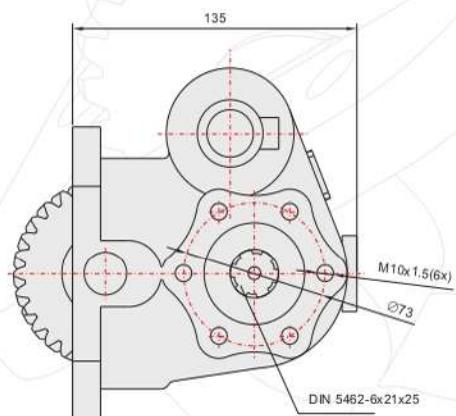
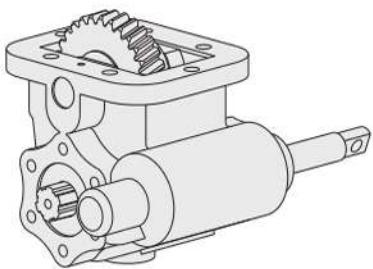


ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50230512-01
1	2	Hilal	50230512-02
1	3	Kumanda Mili	50230512-03
1	4	3,53x42,86 O-ring	50230512-04
1	5	Mekanik Kovan	50230512-05
1	6	20x30x7 Keçe	50230512-06
1	7	Tel Segman	50230512-07
1	8	6x18 Alt Mili	50230512-08
1	9	Senkromec	50230512-09
2	10	30205 Rulman	50230512-10
2	11	472-52 Segman	50230512-11
1	12	Conta	50230512-12
1	13	Plo Yan Kapak	50230512-13
3	14	M10x16 Civata	50230512-14
98		TOPLAM PARÇA SAYISI	

Adet	Parça No	Parça Adı	Kod
1	15	Alt Dışı	50230512-15
1	16	25x52x10 Keçe	50230512-16
2	17	22,5x44,5x1,5 Pul	50230512-17
26	18	3x15,5 Masura Bilya	50230512-18
1	19	Üst Dışı	50230512-19
26	20	3x23,5 Masura Bilya	50230512-20
2	21	O-ring	50230512-21
1	22	Üst Mili	50230512-22
1	23	M6x10 Setiskur	50230512-23
1	24	Conta	50230512-24
9	25	M10x45 Saplama	50230512-25
9	26	M10 Somun	50230512-26
98		TOPLAM PARÇA SAYISI	

50230512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE		
Tork / Torque	21 Kgm	206,01 Nm
Güç(1000 rpm) / Power	26,8 Hp	20Kw
Devir / Speed	1000 rpm	1000 rpm
Oran / Ratio	1/0,8	1/0,8
Ağırlık / Weight	13 kg	28,65 lb
Bağlantı / Mounting	Sağ yan	Right side
Kumanda / Control	Mekanik	Mechanic
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox

ZF ECOLITE S5-42(5,72)

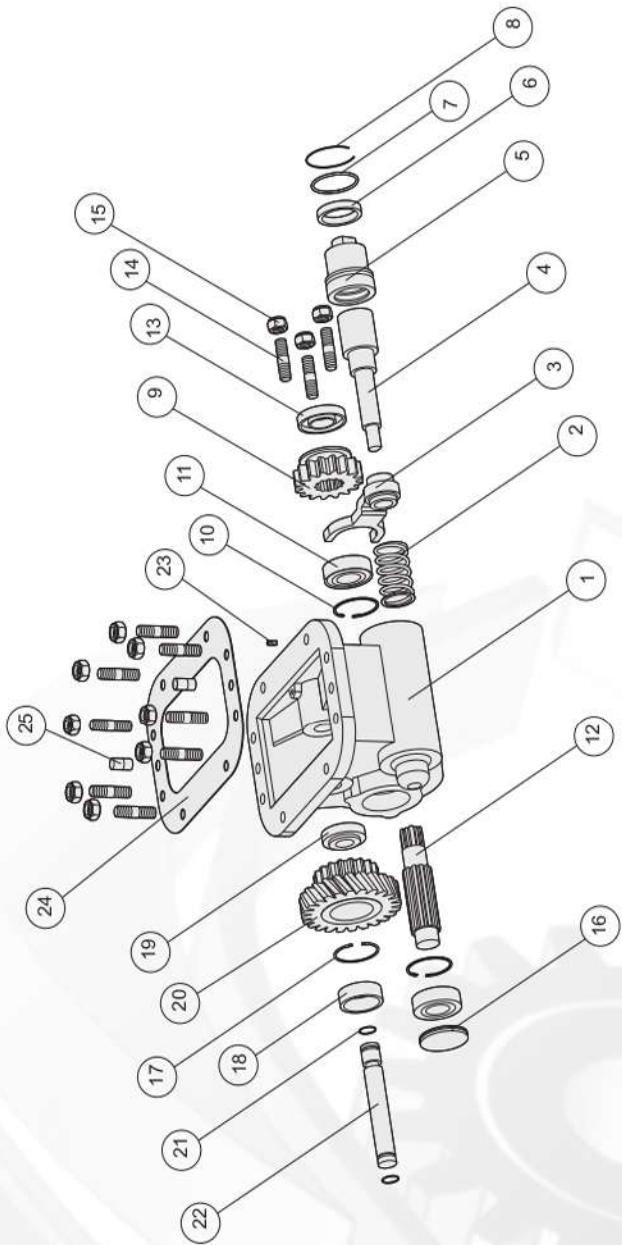
Kullanılan Bazı Araçlar / Used Vehicles

8,150-8,153-10,153-10,163-10,185 MAN /
MB 800-1215-1517-ATEGO MERCEDES
BENZ / 45LF-170 DAF 45,120-45,130-
45,150-45,160-50,130 LEYLAND DAF /
RENAULT S120,07-S120,08-135-370
MIDLUM 302-304-306-313-317 LEYLAND /
45LF,150-45LF,170/MERCEDES VARIO-
LEICHT 614-712-715-812-814-815

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

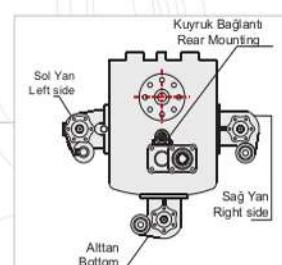
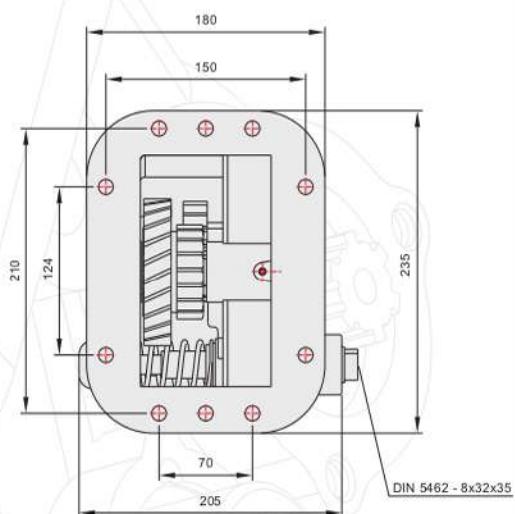
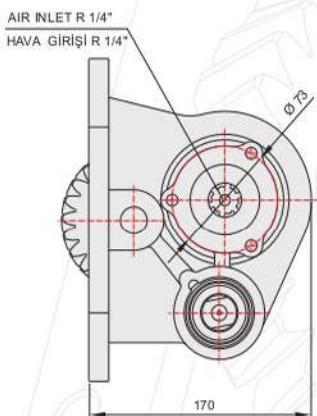
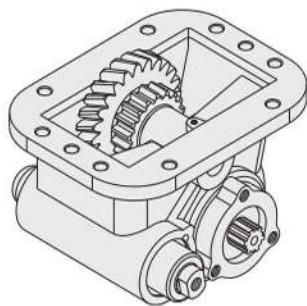


ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



SCANIA GR 900

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50310512-01
1	2	Pnömatik Yay	50310512-02
1	3	Hilal	50310512-03
1	4	Pnömatik Mil	50310512-04
1	5	Pnömatik Kovan	50310512-05
1	6	38x48,1x8 Nutring	50310512-06
1	7	3,53x42,89 O-ring	50310512-07
1	8	Tel Segman	50310512-08
1	9	Alt Disli	50310512-09
2	10	472-52 Segman	50310512-10
2	11	6205 Rulman	50310512-11
1	12	6x12 Alt Mil	50310512-12
1	13	25x52x10 Keçe	50310512-13
49		TOPLAM PARÇA SAYISI	

50310512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE		50310512	
Tork / Torque	25 Kgm	245 Nm	
Güç(1000 rpm) / Power	45,3 Hp	33,8 Kw	
Devir / Speed	1065 rpm	1065 rpm	
Oran / Ratio	1/0,78	1/0,78	
Ağırlık / Weight	15,1 kg	33,3 lb	
Bağlantı / Mounting	Sağ	Right	
Kumanda / Control	Havali	Pneumatic	
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI	

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox

GR 900 / GRH 900

Kullanılan Bazı Araçlar / Used Vehicles

94 C 310-124 C 360-R 124 G 360-
143 H 450 CV-143 M 400 CV-260H-143H
P 113M-P114-GA 380-114P-124R-
113P-114R-113H 360

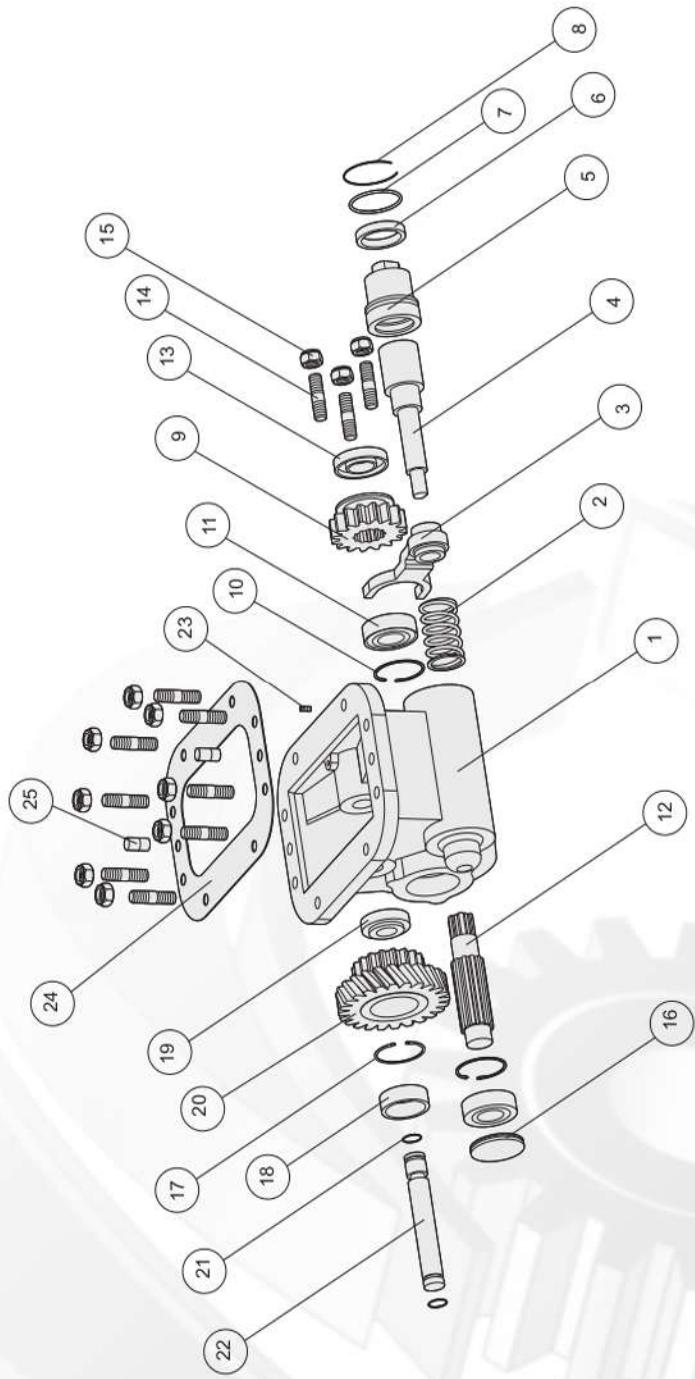
P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

P.T.O.

POWER TAKE OFF

P

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST

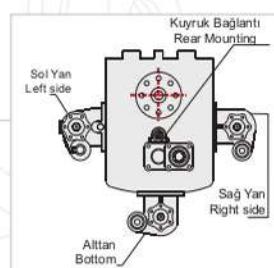
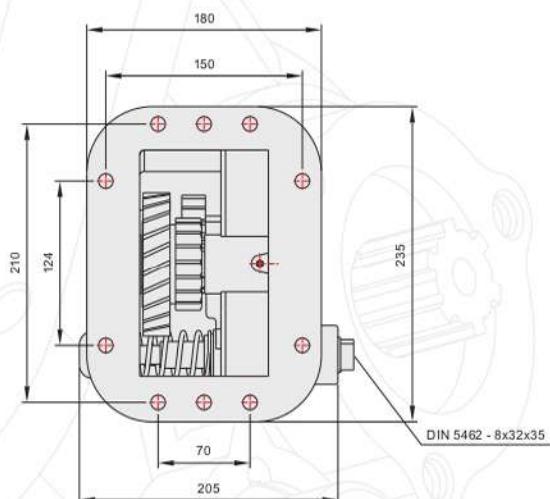
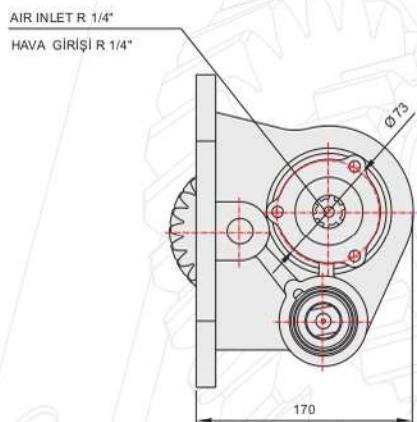
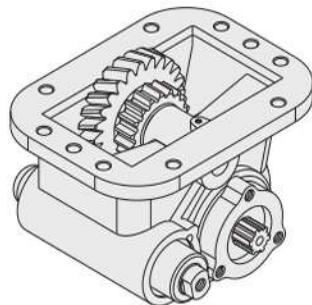


SCANIA GRS 900

Adet	Parça No	Parça Adı	Kod	Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50312512-01	11	14	M10x45 Saplılama	50312512-14
1	2	Phömatik Yay	50312512-02	11	15	M10 Sıvımun	50312512-15
1	3	Hilal	50312512-03	1	16	4Tp-017 52x7 Kapak	50312512-16
1	4	Phömatik Mil	50312512-04	1	17	472-47 Segman	50312512-17
1	5	Phömatik Kovan	50312512-05	1	18	39x46,9x15,5 Pül	50312512-18
1	6	38x48,1x8 Nutring	50312512-06	1	19	30204 Rulman	50312512-19
1	7	3,53x42,86 O-ring	50312512-07	1	20	Grs900 Üst Dışlı	50312512-20
1	8	Tel Segman	50312512-08	2	21	2,35x20 O-ring	50312512-21
1	9	Alt Dışlı	50312512-09	1	22	20-Üst Mill	50312512-22
2	10	472-52 Segman	50312512-10	1	23	M6x16 Setskur	50312512-23
2	11	6205 Rulman	50312512-11	1	24	Conta	50312512-24
1	12	6x12 Alt Mil	50312512-12	2	25	Konik Pim	50312512-25
1	13	25x52x10 Keçe	50312512-13	49		TOPLAM PARÇA SAYISI	

SCANIA / GRS 900

50312512



GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE		
Tork / Torque	25 Kgm	245 Nm
Güç(1000 rpm) / Power	45,3 Hp	33,8 Kw
Devir / Speed	1065 rpm	1065 rpm
Oran / Ratio	1/0,78	1/0,78
Ağırlık / Weight	15,1 kg	33,3 lb
Bağlantı / Mounting	Sağ	Right
Kumanda / Control	Havalı	Pneumatic
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox

GRS 900 / GRS 890 / GRS 920

Kullanılan Bazı Araçlar / Used Vehicles

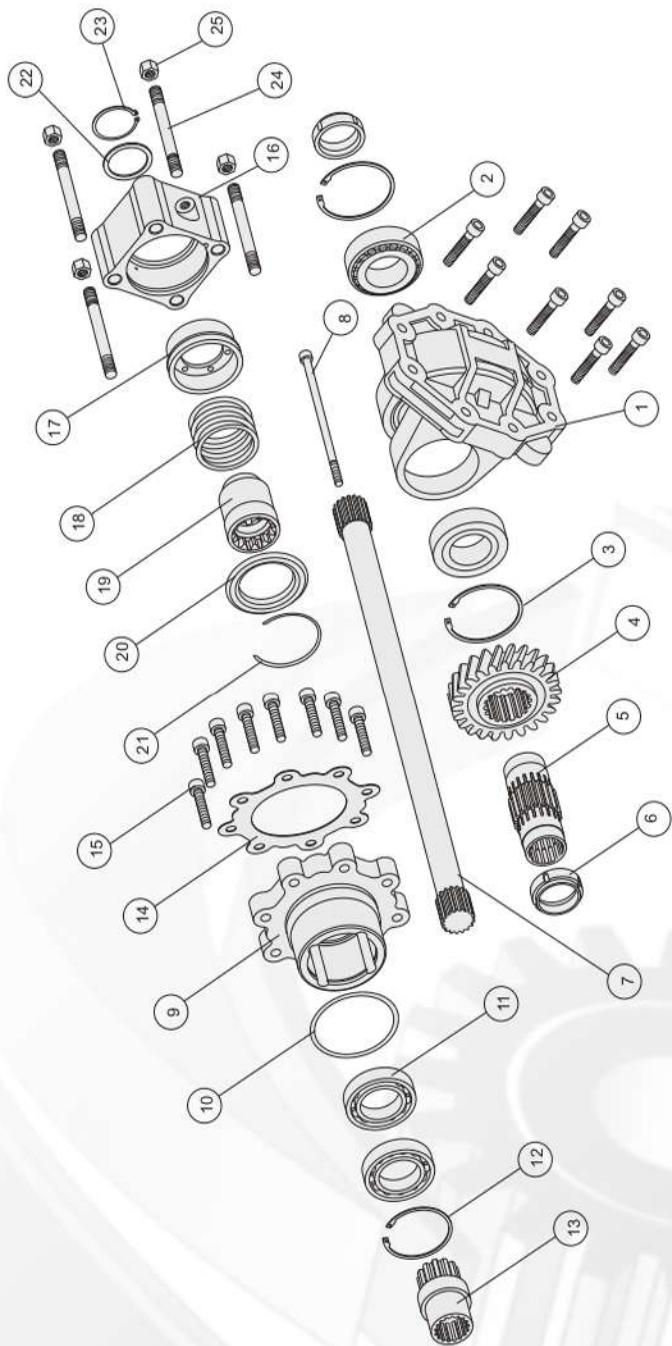
124 G 420-113-124 L 400-144 L 530-124 LA
420-144 LA 460 144 LA 530-R124 LA 420 R
124 GA 420-143H-143M-143.400-143.450
143.500-R580-R124GA/CB-R164
GA SCANIA

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

P.T.O.



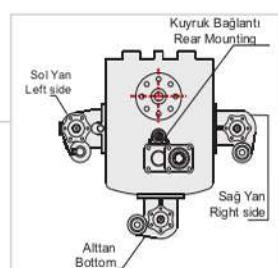
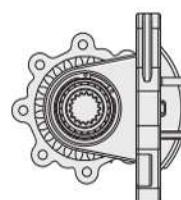
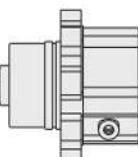
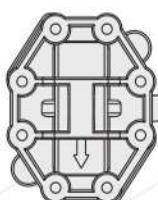
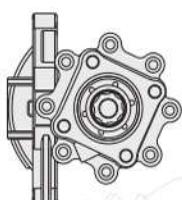
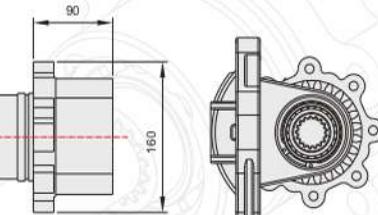
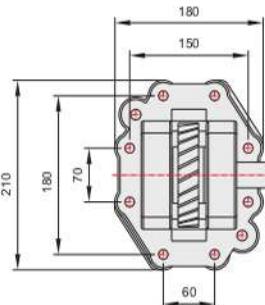
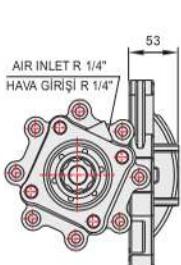
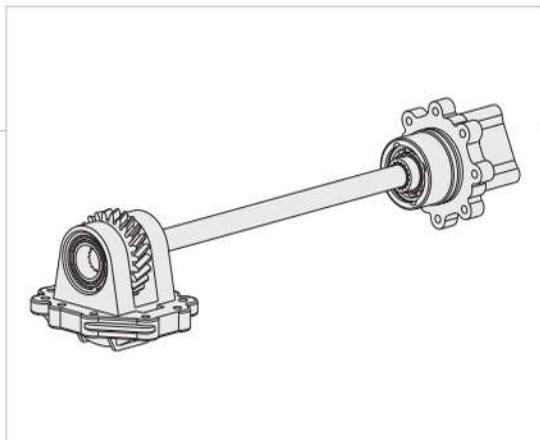
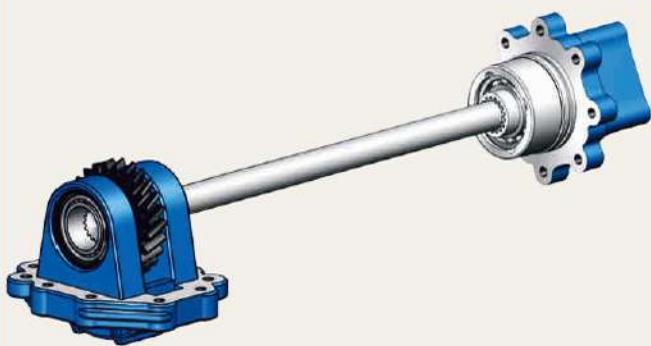
POWER TAKE OFF

 ÜRÜN MONTAJ ve PARÇA LİSTESİ
 PRODUCT ASSEMBLY and PART LIST


SCANIA GRS 905

Adet	Parça No	Parça Adı	Kod	Adet	Parça No	Parça Adı	Kod
1	1	Yan Gövde	50314421-01	11	14	Conta	50314421-14
2	2	33109 Rulman	50314421-02	16	15	M10x50 Civata	50314421-15
2	3	472-80 Segman	50314421-03	1	16	Zf1 Gövde	50314421-16
1	4	Yan Dişli	50314421-04	1	17	Piston	50314421-17
1	5	Yan Kapak Boru Dişli	50314421-05	1	18	Yay	50314421-18
2	6	Boru Dişli Somunu	50314421-06	1	19	Zf1 Kavrama-45	50314421-19
1	7	Kardan Mili	50314421-07	1	20	Zf1Ortalayıcı Pul	50314421-20
1	8	M8x180 Civata	50314421-08	1	21	Tel Segman	50314421-21
1	9	Kuyruk Gövde	50314421-09	1	22	42x52x2 Pul	50314421-22
1	10	2,96x94 O-ring	50314421-10	1	23	471-42 Segman	50314421-23
2	11	6009 Rulman	50314421-11	4	24	M12x120 Saplama	50314421-24
1	12	472-75 Segman	50314421-12	4	25	M12 Somun	50314421-25
1	13	Kuyruk Gövde Dişli	50314421-13	50	TOPLAM PARÇA SAYISI		

SCANIA / GRS 905

50314421

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50314421	
Tork / Torque	44,8 Kgm	436 Nm
Güç(1000 rpm) / Power	56,8Hp	42,4Kw
Devir / Speed	1250 rpm	1250 rpm
Oran / Ratio	1/1	1/1
Ağırlık / Weight	23,5 kg	51,8 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - ISO	Left - ISO

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox

GR 875 / GR 905 / GRS 895
/ GRSO 906 / GRS 906

Kullanılan Bazı Araçlar / Used Vehicles

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF

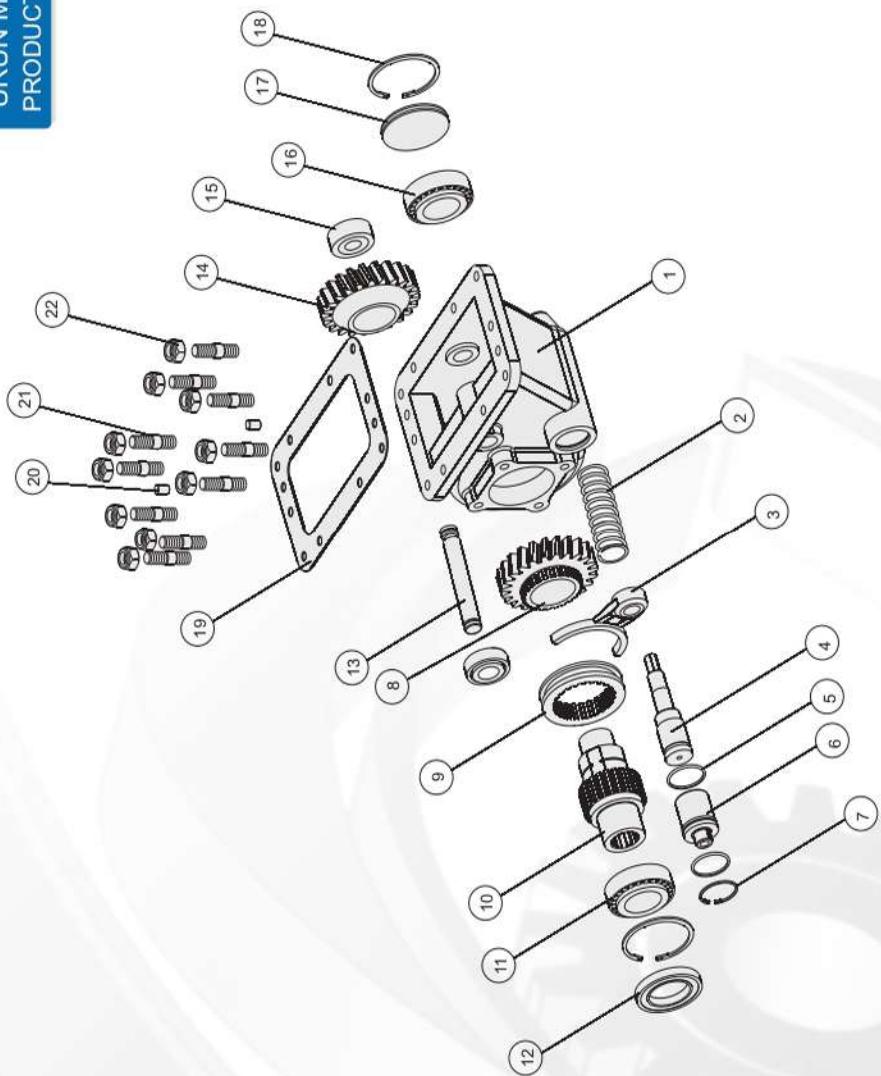
P.T.O.

P

POWER TAKE OFF

P.T.O.



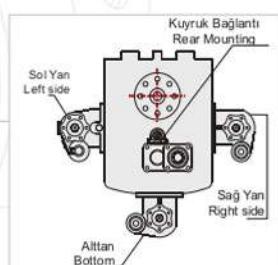
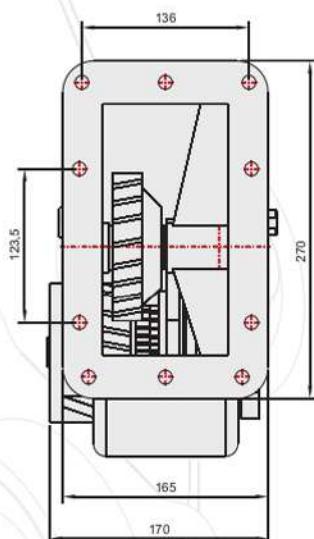
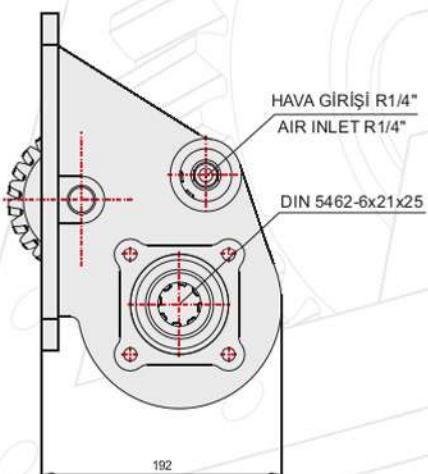
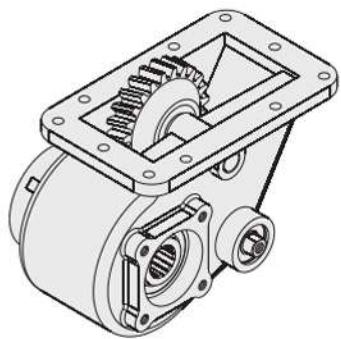
 ÜRÜN MONTAJ ve PARÇA LİSTESİ
 PRODUCT ASSEMBLY and PART LIST


SCANIA GR 871

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50316522 -01
1	2	Pnömatik Yay	50316522 -02
1	3	Hilal	50316522 -03
1	4	Pnömatik Mil	50316522 -04
2	5	O-ring	50316522 -05
1	6	Pnömatik Kovan	50316522 -06
1	7	472-45 Segman	50316522 -07
1	8	Alt Dişli	50316522 -08
1	9	Senkromec	50316522 -09
1	10	Alt Mil	50316522 -10
1	11	Rulman	50316522 -11

Adet	Parça No	Parça Adı	Kod
1	12	50x80x8 Keçe	50316522 -12
1	13	20-Ust Mil	50316522 -13
1	14	G871 Üst Disli	50316522 -14
2	15	30304 Rulman	50316522 -15
1	16	32208 Rulman	50316522 -16
1	17	Pto Yan Kapak	50316522 -17
2	18	472-80 Segman	50316522 -18
1	19	Conta	50316522 -19
2	20	Merkezleme Pimi	50316522 -20
10	21	M12x45 Saplama	50316522 -21
10	22	M12 Sormun	50316522 -22

TOPLAM PARÇA SAYISI

50316522

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50316522	
Tork / Torque	29 Kgm	284 Nm
Güç(1000 rpm) / Power	37,5 Hp	27,6 Kw
Devir / Speed	1000 rpm	1000 rpm
Oran / Ratio	1/0,78	1/0,78
Ağırlık / Weight	22,5 kg	49,6 lb
Bağlantı / Mounting	Sağ yan	Right side
Kumanda / Control	Havalı	Pneumatic
Dönüş / P.T.O. Rotation	Sağ - ISO	Right- ISO

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox
GR 870-871 SCANIA
Kullanılan Bazı Araçlar / Used Vehicles
**P92-93-111-112C-113R-114H-142M-144L
93H-280R-113M SCANIA**

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

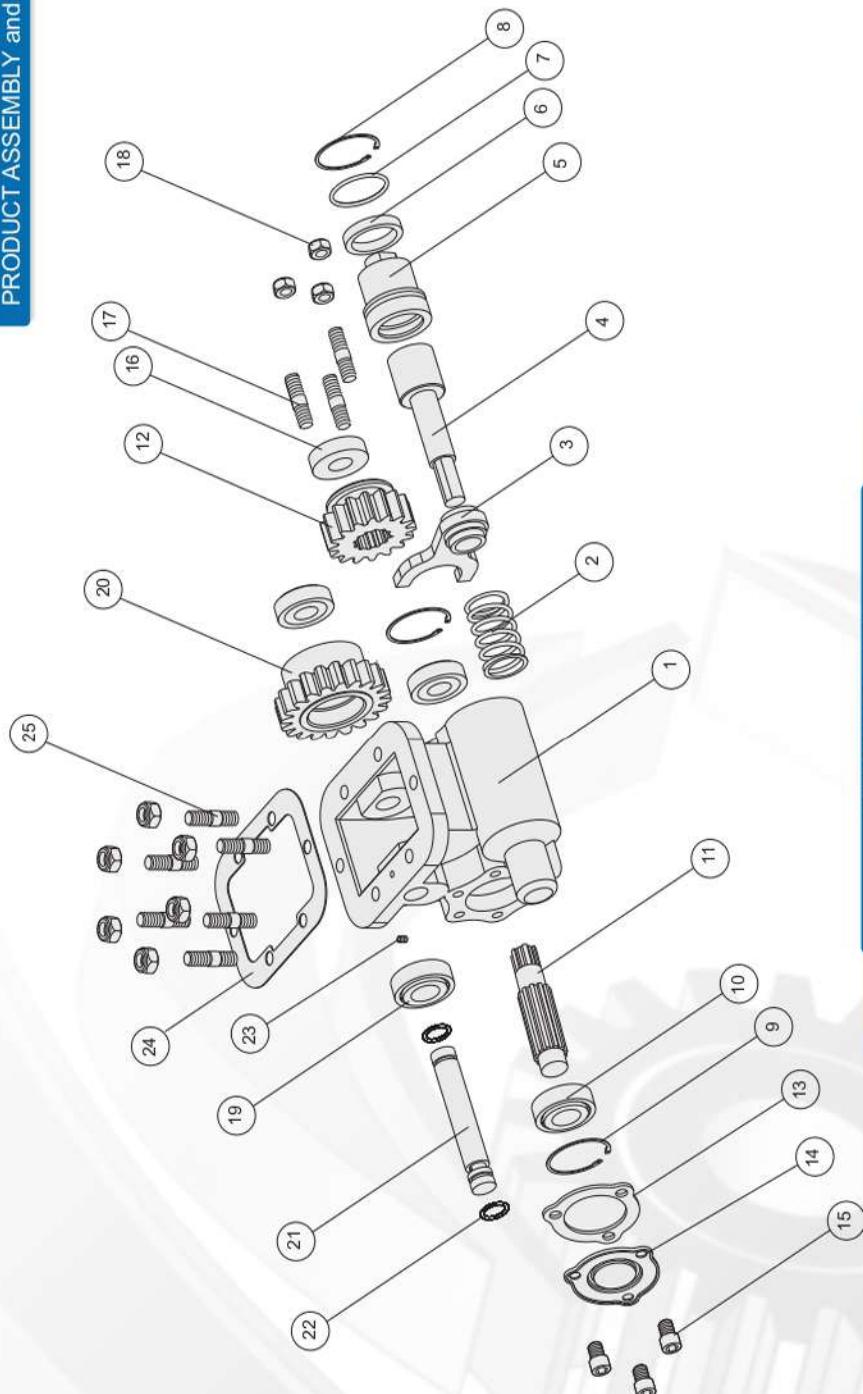
POWER TAKE OFF
P.T.O.

POWER TAKE OFF

P.T.O.



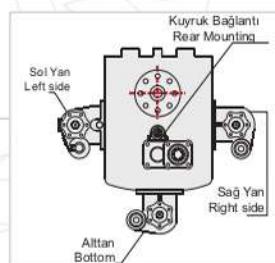
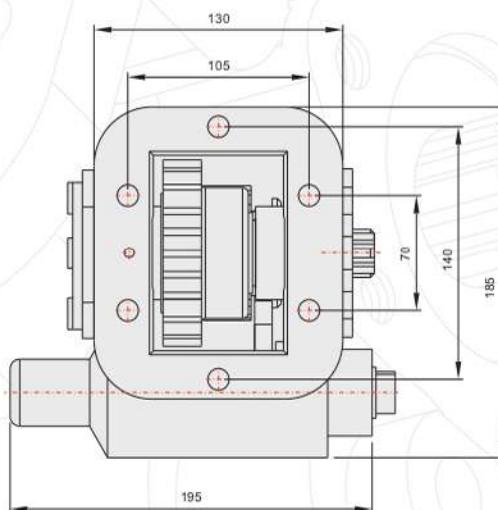
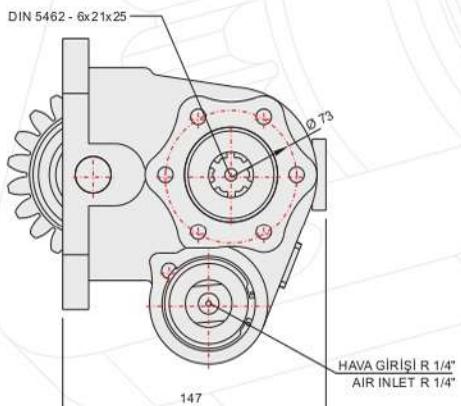
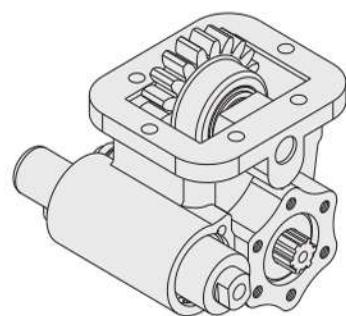
ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



EATON-HEMA 475

Adet	Parça No	Parça Adı	Kod	Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50410511-01	1	14	Pto Yan Kapak	50410511-14
1	2	Yay	50410511-02	3	15	M110x16 Cıvıla	50410511-15
1	3	Hilal	50410511-03	1	16	25x52x10 Kerce	50410511-16
1	4	Pnömatik Mil	50410511-04	3	17	M10x45 Saplama	50410511-17
1	5	Pnömatik Kovan	50410511-05	9	18	M10 Somun	50410511-18
1	6	38x48 1x8 Nutring	50410511-06	2	19	30204 Rulman	50410511-19
1	7	3.53x42.86 O-ring	50410511-07	1	20	Üst Disli	50410511-20
1	8	Tel Segman	50410511-08	1	21	Üst Mil-20	50410511-21
2	9	472-52 Segman	50410511-09	2	22	2.35x20 O-ring	50410511-22
2	10	6205 Rulman	50410511-10	1	23	M6x10 Setskür	50410511-23
1	11	6x12 Mil	50410511-11	1	24	Conta	50410511-24
1	12	Alt Disli	50410511-12	6	25	M10x3/8 Saplama	50410511-25
1	13	Conta	50410511-13	46	TOPLAM PARÇA SAYISI		

50410511/12



GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50410511/12	
Tork / Torque	23 Kgm	225 Nm
Güç(1000 rpm) / Power	15,8 Hp	11,8 Kw
Devir / Speed	500 rpm	500 rpm
Oran / Ratio	1/1,5	1/1,5
Ağırlık / Weight	11 kg	24,3 lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - UNI	Left - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox
EATON-HEMA 475 L SML-SMA-SMO-SME-CMA-CMO

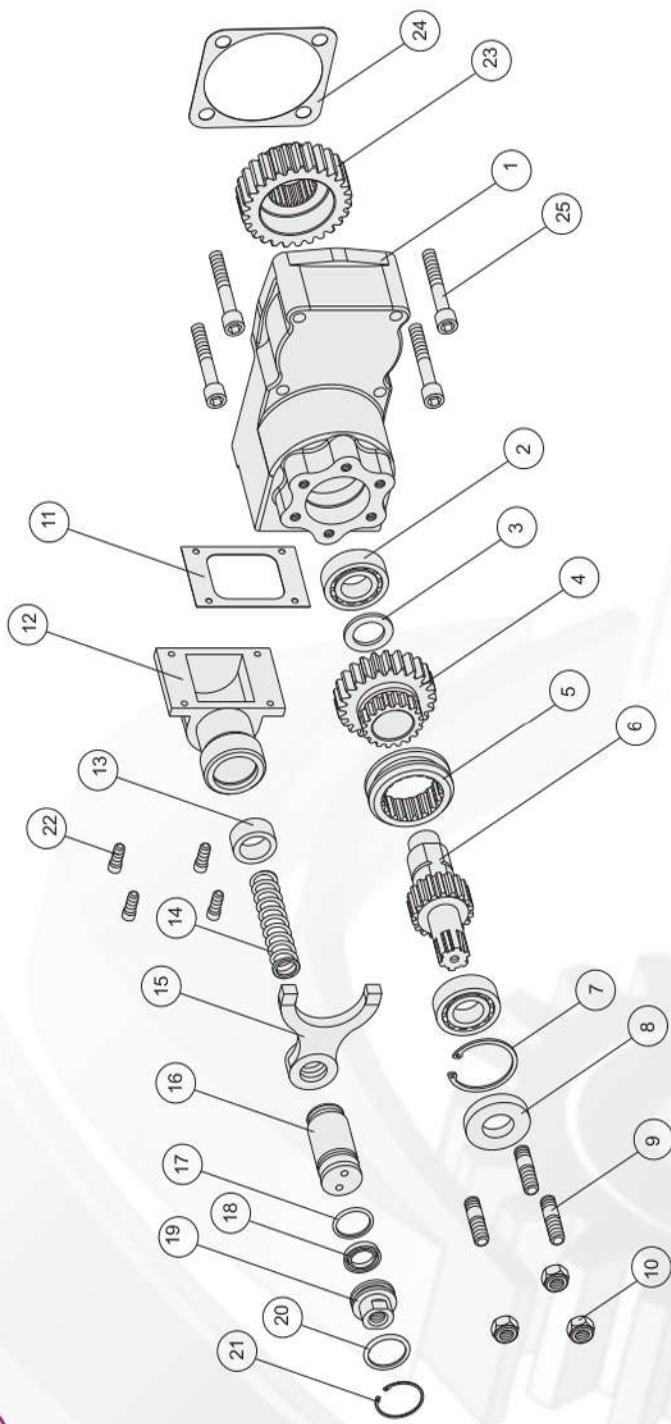
Kullanılan Bazı Araçlar / Used Vehicles
105.8-110.08-145.22 FATİH /
2014-2114 FORD CARGO
AS 600 DODGE / 1800 INTER / 1210-1212-1312-FORD (83-86) 1812-1814-2117-2517 FORD(86) 140-1340 BMC/GENETO 570

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

ÜRÜN MONTAJ ve PARÇA LİSTESİ
 PRODUCT ASSEMBLY and PART LIST

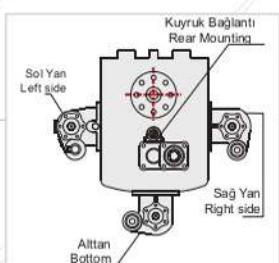
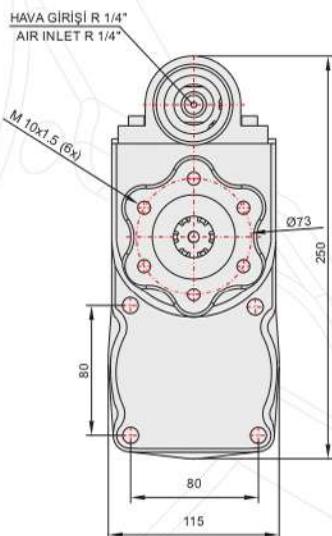
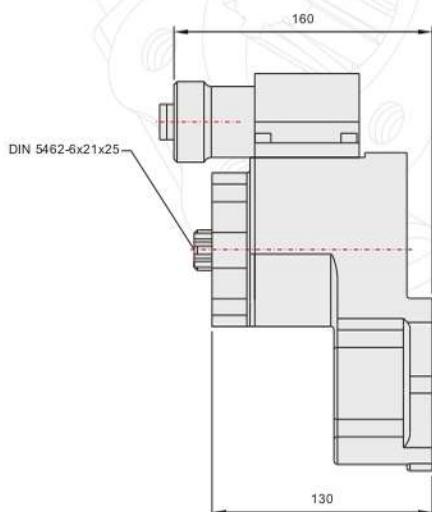
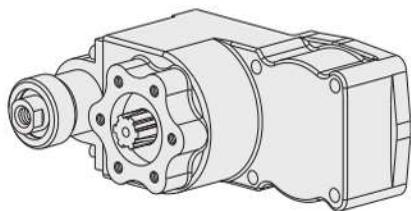
POWER TAKE OFF

P.T.O.

EATON-HEMA 475

Adet	Parça No	Parça Adı	Kod	Kod
1	1	Gövde	50410311-01	50410311-14
2	2	Ni 205 Rulman	50410311-02	50410311-15
1	3	25,5x39,5x3 Pül	50410311-03	50410311-16
1	4	Küçük Dışı	50410311-04	50410311-17
1	5	Senkromec	50410311-05	50410311-18
1	6	6x18 Alt Mili	50410311-06	50410311-19
1	7	472-52 Segman	50410311-07	50410311-20
1	8	25x52x10 Keçe	50410311-08	50410311-21
3	9	M10x45 Saplama	50410311-09	50410311-22
3	10	M10 Sıvımu	50410311-10	50410311-23
1	11	Pnömatik Kovan Contası	50410311-11	50410311-24
1	12	Pnömatik Kovan	50410311-12	50410311-25
1	13	25x35x15 Ortalama Pulu	50410311-13	
36		TOPLAM PARÇA SAYISI		

50410311

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50410311	
Tork / Torque	21,5 Kgm	210,9 Nm
Güç(1000 rpm) / Power	19,2 Hp	14 Kw
Devir / Speed	650 rpm	650 rpm
Oran / Ratio	1/1,12	1/1,12
Ağırlık / Weight	12 kg	26,5 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - UNI	Left - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox
EATON-HEMA 475 R SML-SMA-SMO-SME-CMA-CMO
Kullanılan Bazı Araçlar / Used Vehicles

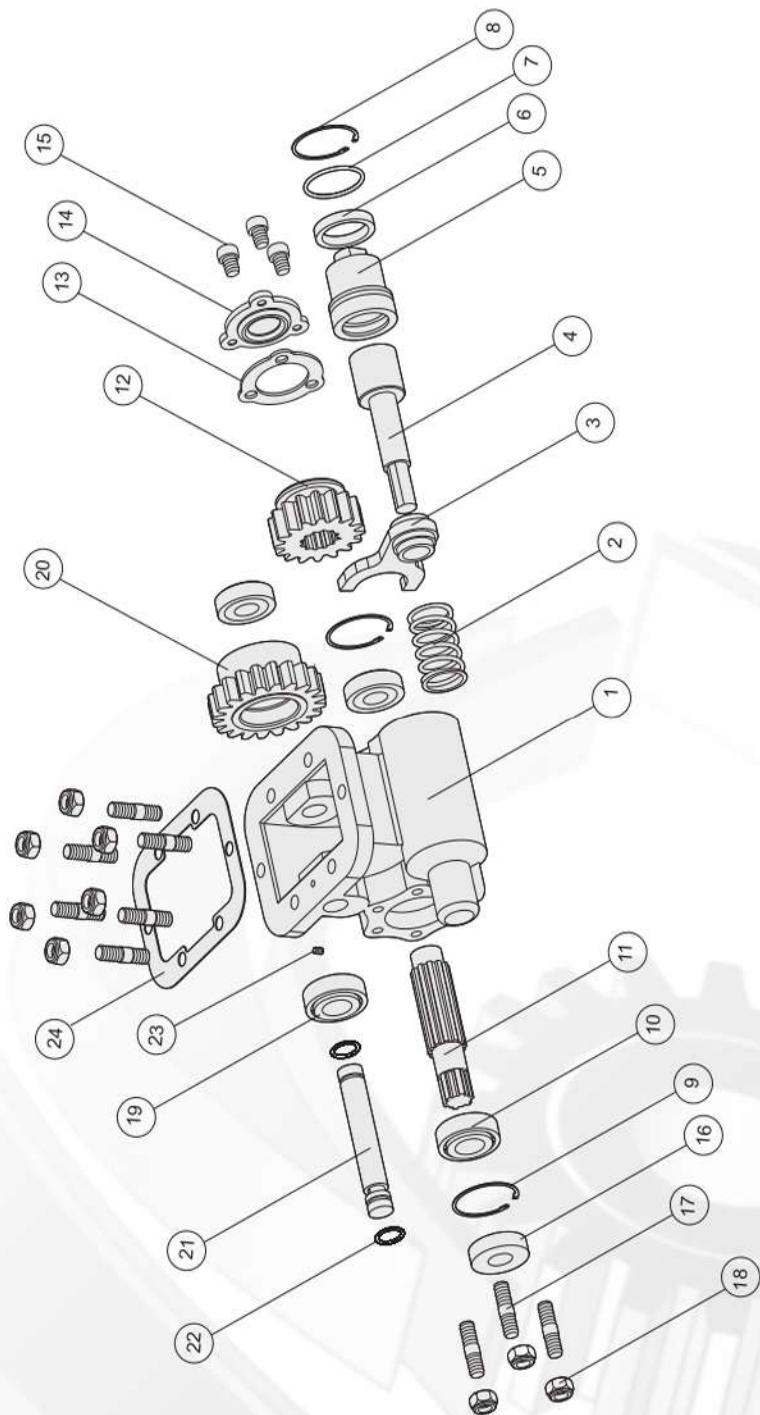
105.08-110.08-145.22 FATİH / 2014-2114 FORD CARGO
1800 INTER / 1212-1312 FORD(83-86)
1812-1814-2014-2117-2517 FORD
(86) 140-1340 BMC / ZIL (RUS)

POWER TAKE OFF

P.T.O.

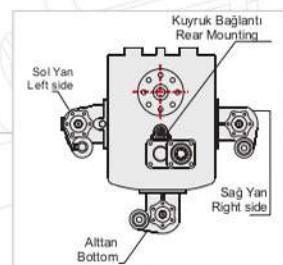
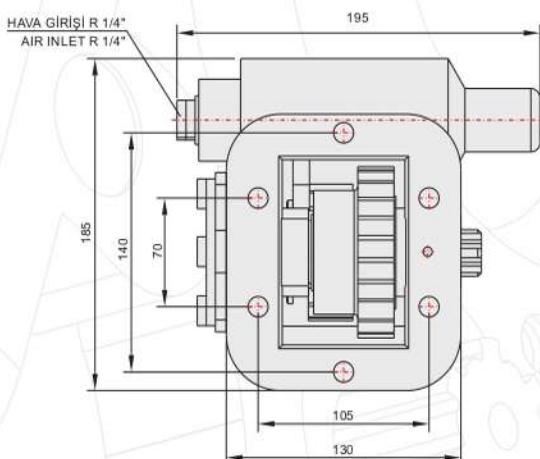
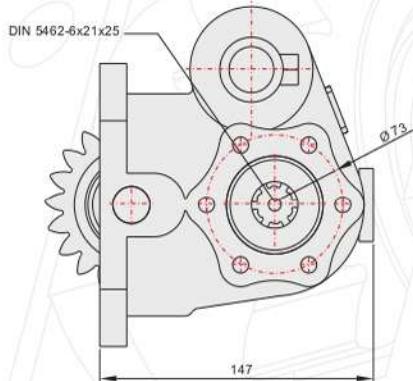
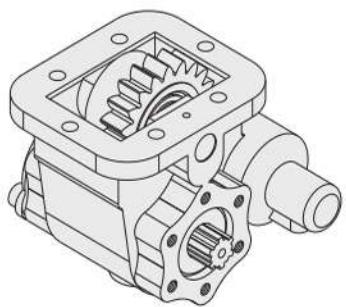
P

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



EATON-HEMA 570

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50412511-01
1	2	Yay	50412511-02
1	3	Hilal	50412511-03
1	4	Pnömatik Mil	50412511-04
1	5	Pnömatik Kovan	50412511-05
1	6	38x48,1x8 Nutring	50412511-06
1	7	3,5x42,86 O-ring	50412511-07
1	8	Tel Segman	50412511-08
2	9	472-52 Segman	50412511-09
2	10	6205 Rulman	50412511-10
1	11	6x12 Mil	50412511-11
1	12	Alt Dışı	50412511-12
1	13	Conta	50412511-13
6	14	Plo Yan Kapak	50412511-14
3	15	M10x16 Cıvata	50412511-15
1	16	25x52x10 Keçe	50412511-16
3	17	M10x45 Saplama	50412511-17
9	18	M10 Somun	50412511-18
2	19	30204 Rulman	50412511-19
1	20	Üst Disli	50412511-20
1	21	Üst Mil-20	50412511-21
2	22	2,35x20 O-ring	50412511-22
1	23	M6x10 Setskur	50412511-23
1	24	Conta	50412511-24
6	25	M10x38 Saplama	50412511-25
46		TOPLAM PARÇA SAYISI	50412511-13

50412511

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50412511	
Tork / Torque	25 Kgm	245 Nm
Güç(1000 rpm) / Power	17,2Hp	12,8 Kw
Devir / Speed	500 rpm	500 rpm
Oran / Ratio	1/1,25	1/1,25
Ağırlık / Weight	11 kg	24,3 lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - UNI	Left - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox
EATON-HEMA 570-542-640 L SMA-SMS-SMR-SMH-SMJ-CMA-CMR

Kullanılan Bazı Araçlar / Used Vehicles
162.22-162.25-170.25 FATİH / 2114-2116-2517-FORD CARGO BEDFORD GETENO / 1830 INTER

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

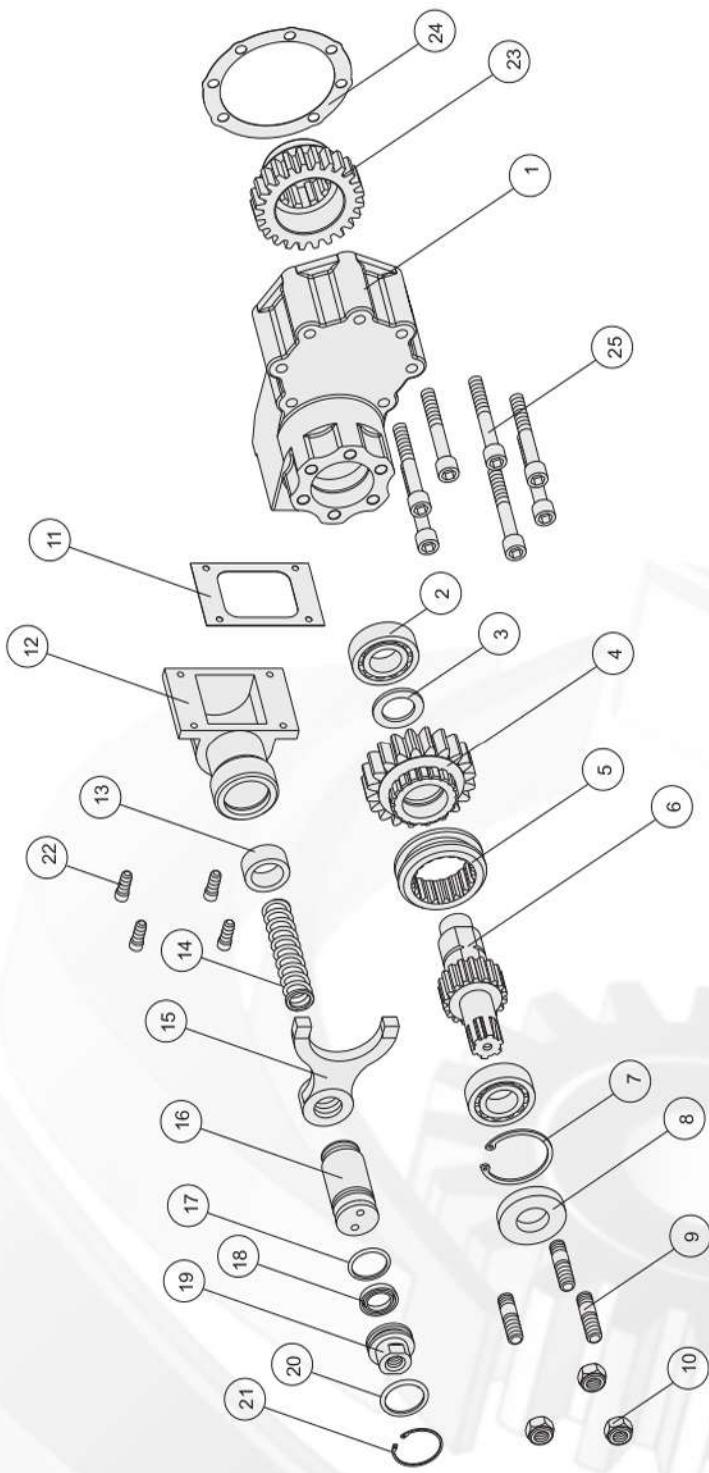
POWER TAKE OFF

P.T.O.

P

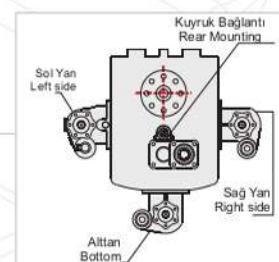
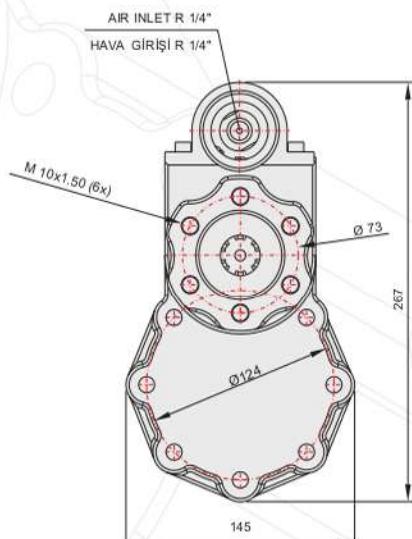
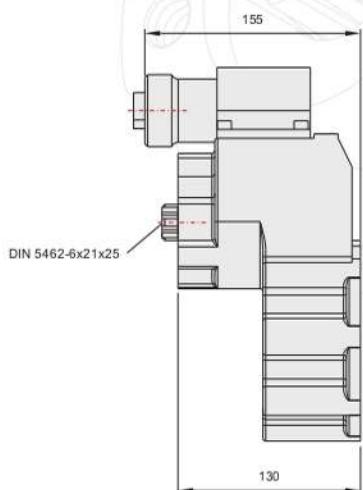
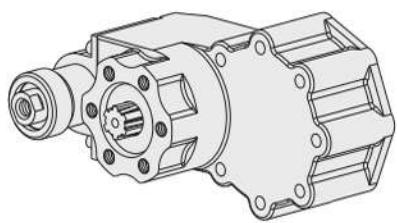


ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



EATON-HEMA 570

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50412311-01
2	2	Ni 205 Rulman	50412311-02
1	3	15,5x39,5x3 Pül	50412311-03
1	4	Küçük Disli	50412311-04
1	5	Senkromec	50412311-05
1	6	6x18 Alt Milli	50412311-06
1	7	472-52 Segman	50412311-07
1	8	25x52x10 Kege	50412311-08
3	9	M10x45 Saplama	50412311-09
3	10	M10 Sormun	50412311-10
1	11	Pnömatik Kovan Contası	50412311-11
1	12	Pnömatik Kovan	50412311-12
1	13	25x35x17 Ortalama Pulu	50412311-13
39		TOPLAM PARÇA SAYISI	

50412311

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50412311	
Tork / Torque	25 Kgm	245 Nm
Güç(1000 rpm) / Power	22,4 Hp	16,7 Kw
Devir / Speed	650 rpm	650 rpm
Oran / Ratio	1/1,25	1/1,25
Ağırlık / Weight	11 kg	24,3 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - UNI	Left - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox
EATON-HEMA 570-542-640 R SMA-SMS-SMR-SMH-SMJ-CMA-CMR

Kullanılan Bazı Araçlar / Used Vehicles
162.22-162.25-170.25 FATİH / 2114-2116-2517-FORD CARGO (86-96)
180 FATİH BMC BEDFORD GETENO / 1830 INTER / 1850 YAVUZ

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

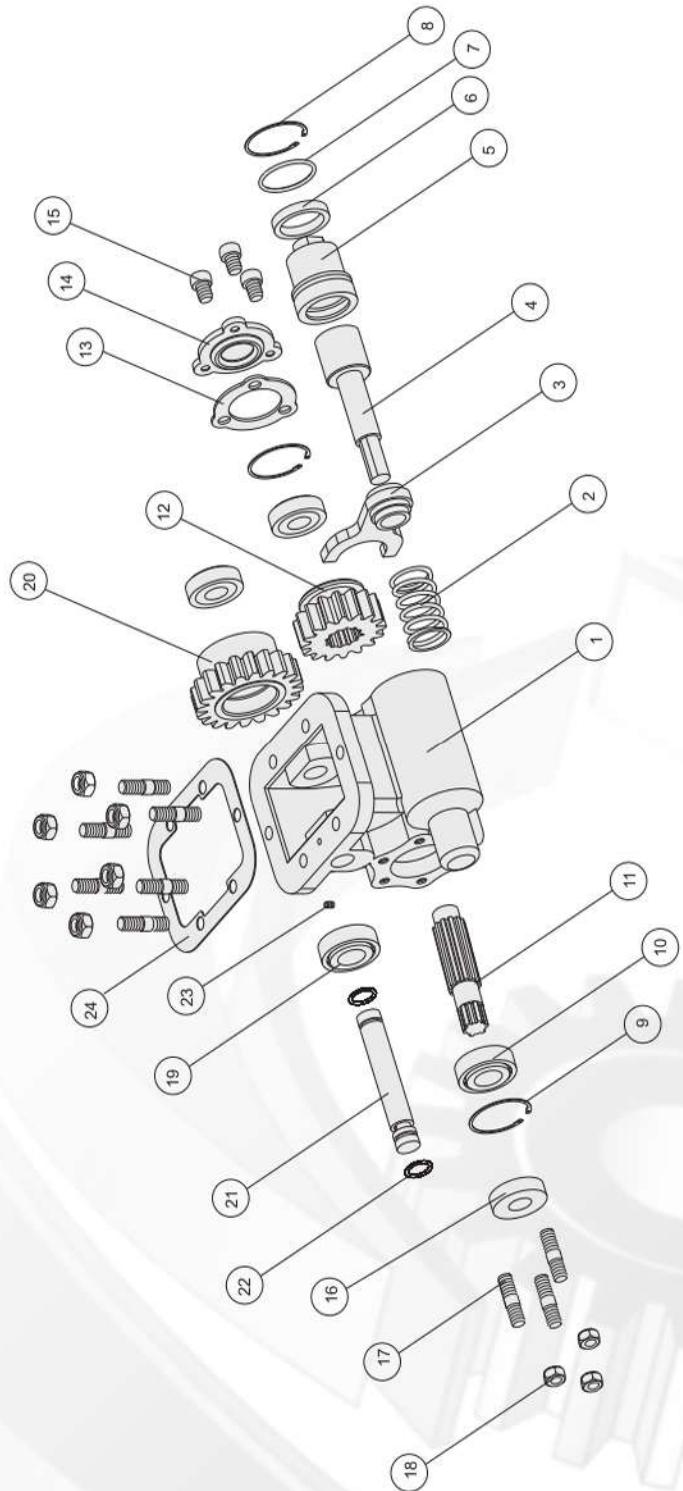
POWER TAKE OFF
P.T.O.
P

POWER TAKE OFF

P.T.O.

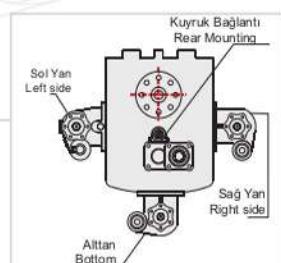
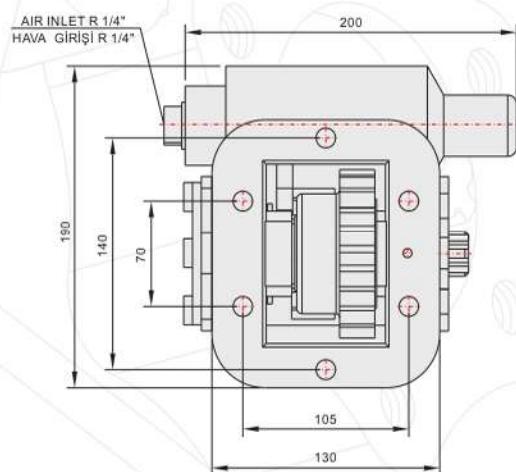
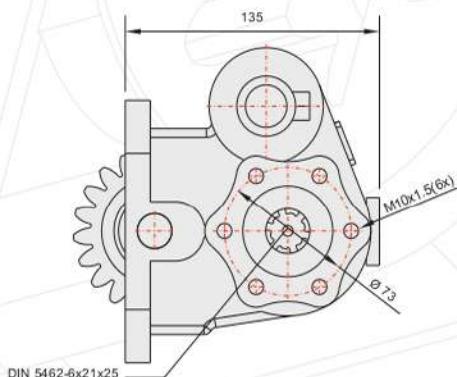
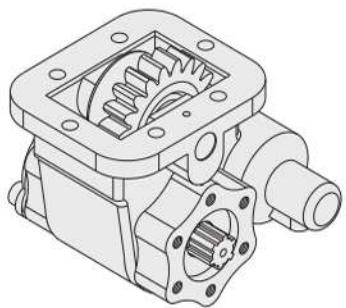


ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



EATON 4106

Adet	Parça No	Parça Adı	Kod	Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50422511-01	1	13	Conta	50422511-13
1	2	Yay	50422511-02	1	14	Pto Yan Kapak	50422511-14
1	3	Hilal	50422511-03	3	15	M10x16 Cıvata	50422511-15
1	4	Pnömatik Mili	50422511-04	1	16	25x52x10 Kece	50422511-16
1	5	Pnömatik Kovarı	50422511-05	9	17	M10x5 Saplama	50422511-17
1	6	38x48,1x8 Nutring	50422511-06	9	18	M10 Somun	50422511-18
1	7	3,53x42,86 O-ring	50422511-07	2	19	30204 Rulman	50422511-19
1	8	Tel Segman	50422511-08	1	20	Üst Disli	50422511-20
2	9	472-52 Segman	50422511-09	1	21	Üst Mili	50422511-21
2	10	6205 Rulman	50422511-10	2	22	2,35x20 O-ring	50422511-22
1	11	6x12 Mili	50422511-11	1	23	M6x10 Setskur	50422511-23
1	12	Alt Disli	50422511-12	1	24	Conta	50422511-24
46		TOPLAM PARÇA SAYISI					

50422511

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50422511	
Tork / Torque	21 Kgm	206 Nm
Güç(1000 rpm) / Power	10,7 Hp	8,1 Kw
Devir / Speed	375 rpm	375 rpm
Oran / Ratio	1/1,25	1/1,25
Ağırlık / Weight	11 kg	24,3 lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - UNI	Left - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox

EATON FS / FSO/H/V 4106-5206
A/B/H

Kullanılan Bazı Araçlar / Used Vehicles

180-167-620-622 BMC PRO / 220.26-
180 FATİH BMC 2520 FORD CORGO
AS 950 / CHRYSLER 180.12-210-220
CD-320 MIDLUM RENAULT / FODEN
2000 / ERF E6.18 / 1415-1718 FORD
8.163-8.224-18.228 MAN

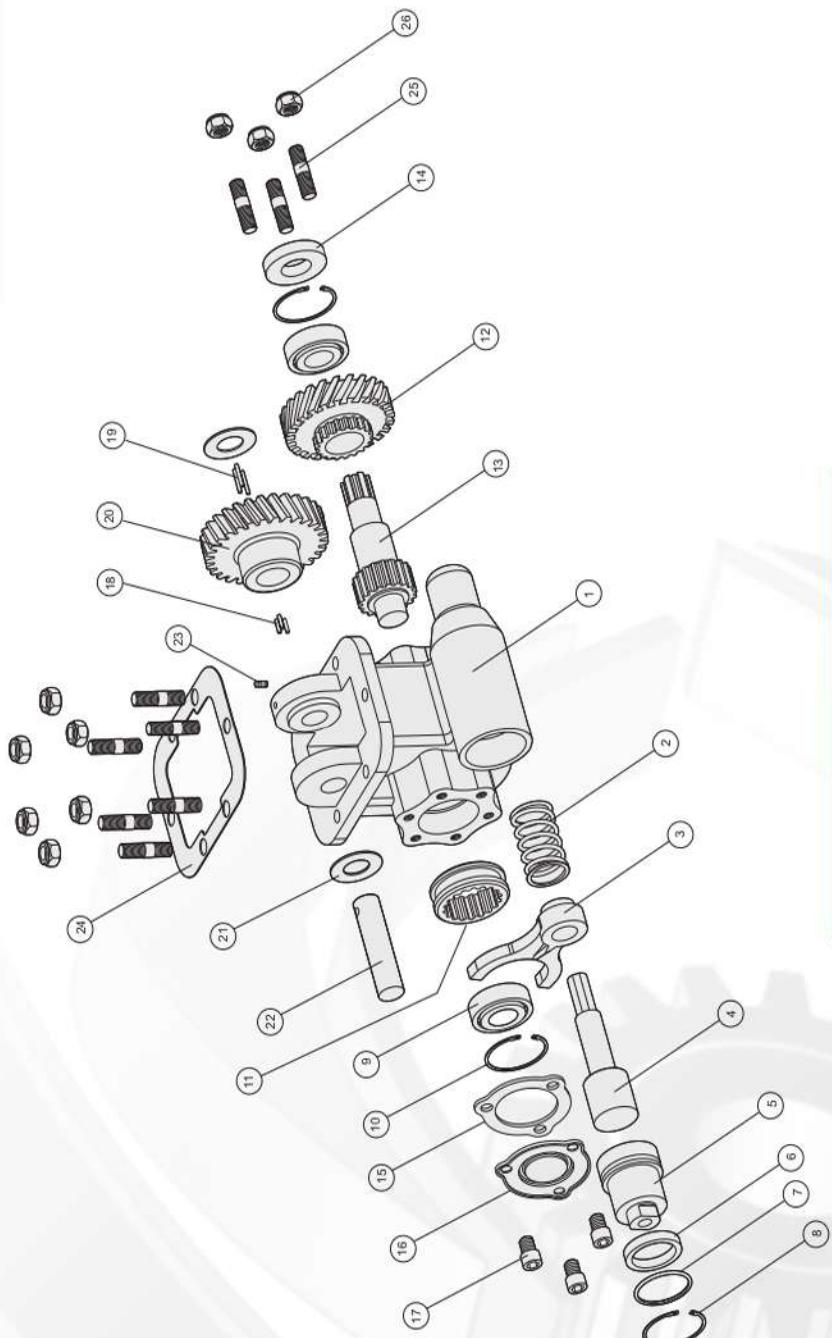
P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF

P.T.O.

P

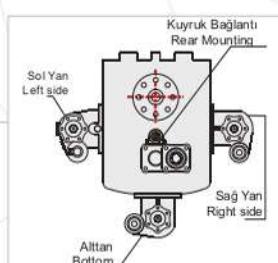
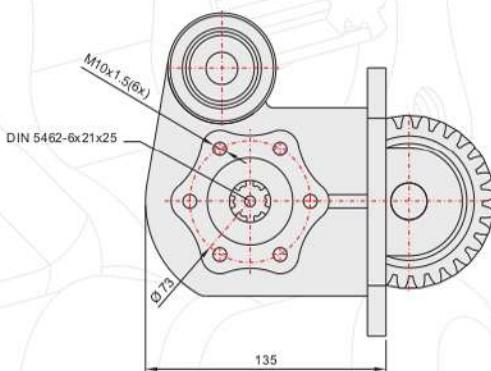
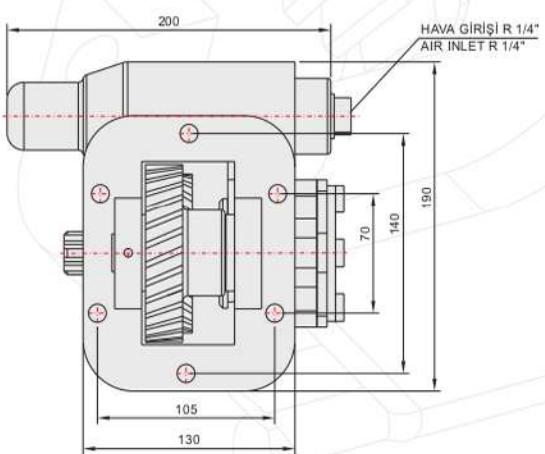
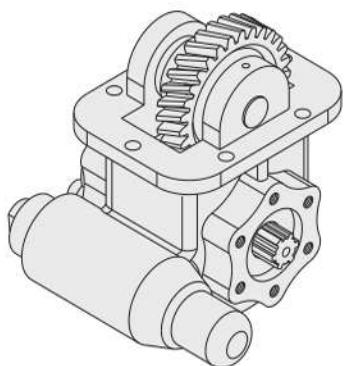
ÜRÜN MONTAJI ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



EATON 4106

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50420512-01
1	2	Yay	50420512-02
1	3	Hilal	50420512-03
1	4	Pnömatik Mil	50420512-04
1	5	Pnömatik Kovan	50420512-05
1	6	38x48.1x8 Nutring	50420512-06
1	7	3.53x42.86 O-ring	50420512-07
1	8	Tel Segman	50420512-08
2	9	30205 Segman	50420512-09
2	10	472-52 Segman	50420512-10
1	11	Sekromec	50420512-11
1	12	Alt Disli	50420512-12
1	13	6x18 Alt Mil	50420512-13
97		TOPLAM PARÇA SAYISI	

Adet	Parça No	Parça Adı	Kod
1	14	25x52x10 Keçe	50420512-14
1	15	Conta	50420512-15
1	16	Plo Yan Kapak	50420512-16
3	17	M10x16 Civata	50420512-17
26	18	3x15.5 Masura Bilya	50420512-18
26	19	3x23.5 Masura Bilya	50420512-19
1	20	Üst Disli	50420512-20
2	21	22.5x44.5x1.5 Pul	50420512-21
1	22	Üst Mil	50420512-22
1	23	M6x10 Setskuri	50420512-23
1	24	Conta	50420512-24
9	25	M10x45 Saplama	50420512-25
9	26	M10 Somun	50420512-26
97		TOPLAM PARÇA SAYISI	

50420512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE		
Tork / Torque	25 Kgm	245 Nm
Güç(1000 rpm) / Power	26,8 Hp	20 Kw
Devir / Speed	750 rpm	750 rpm
Oran / Ratio	1/1,16	1/1,16
Ağırlık / Weight	13 kg	28,7 lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Havalı	Pneumatic
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox

EATON FS / FSO/H/V 4106-5206
A/B/H

Kullanılan Bazi Araçlar / Used Vehicles

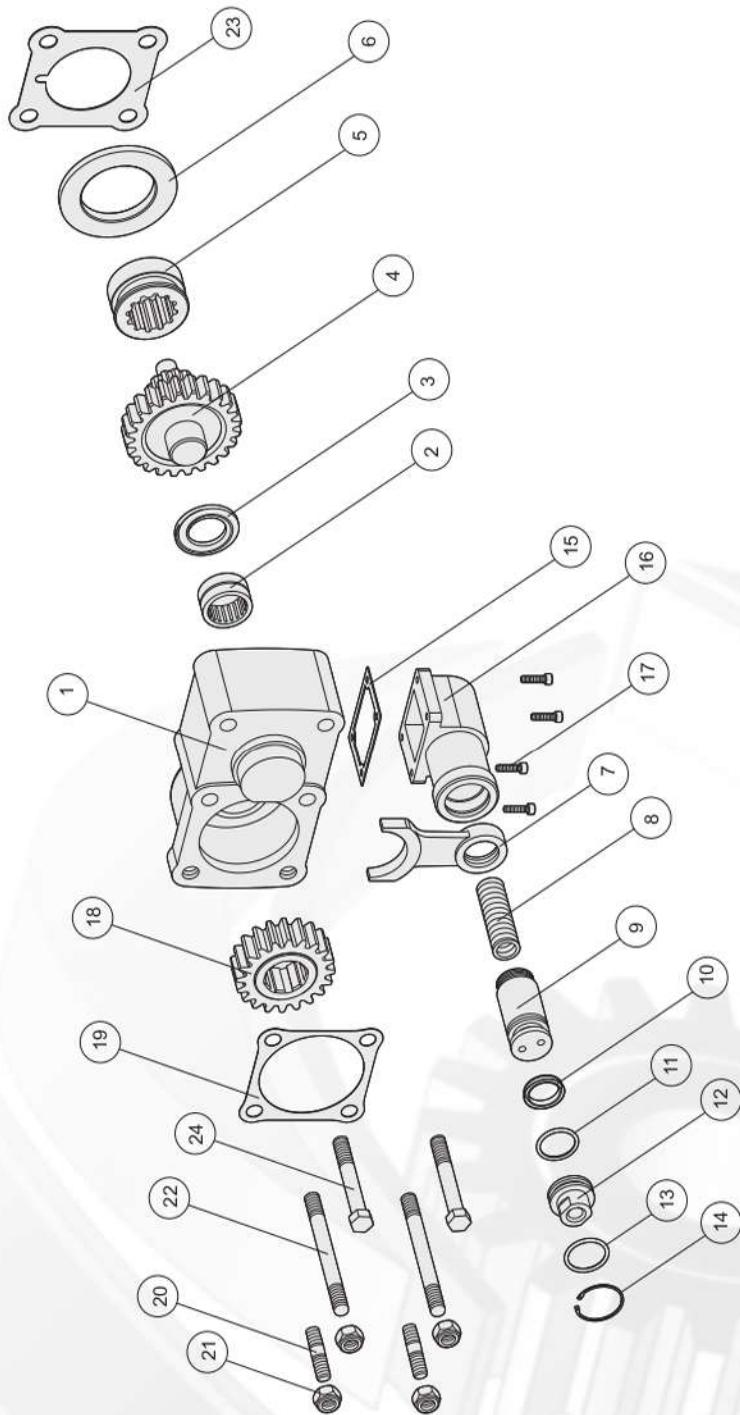
180-167-620-622 BMC PRO / 220.26-
180 FATİH BMC 2520 FORD CORGO
AS 950 / CHRYSLER 180.12-210-220
CD-320 MIDLUM RENAULT / FODEN
2000 / ERF E6.18 / 1415-1718 FORD
8.163-8.224-18.228 MAN

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

ÜRÜN MONTAJ ve PARÇA LİSTESİ
 PRODUCT ASSEMBLY and PART LIST

POWER TAKE OFF

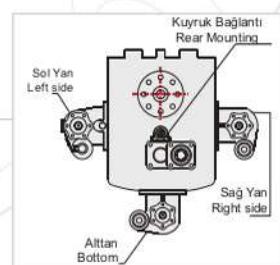
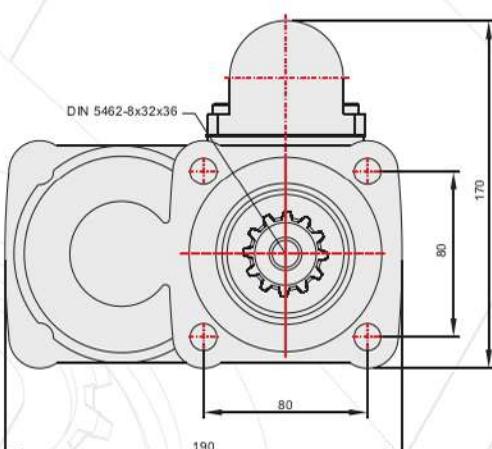
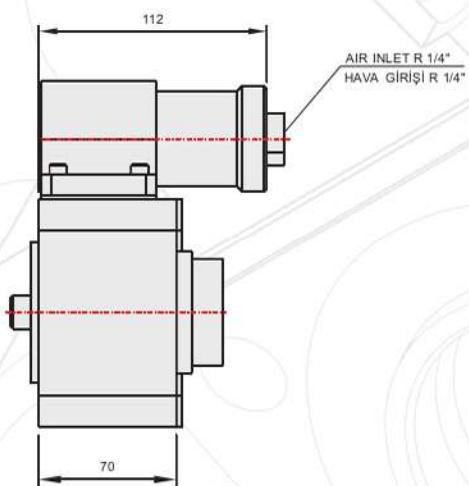
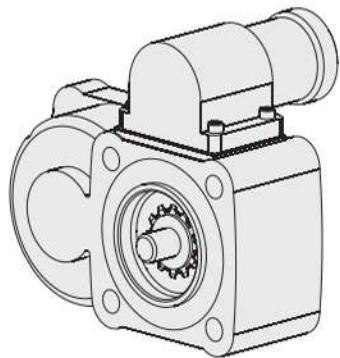
P.T.O.

EATON 4106

Adet	Parça No	Parça Adı	Kod
1	1	Z12 Gövde	50422321-01
1	2	Nk 30-20 Rulmanı	50422321-02
1	3	31x52x4 Bronz Pül	50422321-03
1	4	Grup Dişisi 40	50422321-04
1	5	Kavrama Disisi	50422321-05
1	6	Z12 Merkezleme Pulu	50422321-06
1	7	Hilal	50422321-07
1	8	Pnömatik Piston Yayı	50422321-08
1	9	Pnömatik Piston	50422321-09
1	10	3x27 O-ring	50422321-10
1	11	33x25x5.5 Nutring	50422321-11
1	12	Pnömatik Kapak	50422321-12
33		TOPLAM PARÇA SAYISI	

Adet	Parça No	Parça Adı	Kod
1	13	29.75x3.53 O-ring	50422321-13
1	14	472-36 Segman	50422321-14
1	15	Pnömatik Kovan Contası	50422321-15
1	16	Pnömatik Kovan	50422321-16
4	17	M5x20 Inbus	50422321-17
1	18	8x20 Dışlı	50422321-18
1	19	Conta	50422321-19
2	20	M12x45 Aks. Saplama	50422321-20
4	21	M12 Sıvum	50422321-21
1	22	M12x120 Aks. Saplama	50422321-22
1	23	Conta	50422321-23
2	24	M12x80 Civala	50422321-24
33		TOPLAM PARÇA SAYISI	

50422321

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50422321	
Tork / Torque	26,5 Kgm	260 Nm
Güç(1000 rpm) / Power	24,5 Hp	13,8 Kw
Devir / Speed	675 rpm	675 rpm
Oran / Ratio	1/1,2	1/1,2
Ağırlık / Weight	11 kg	24,4 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havalı	Pneumatic
Dönüş / P.T.O. Rotation	Sol - UNI	Left - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox
EATON FS / FSO/H/V 4106-5206
A/B/H

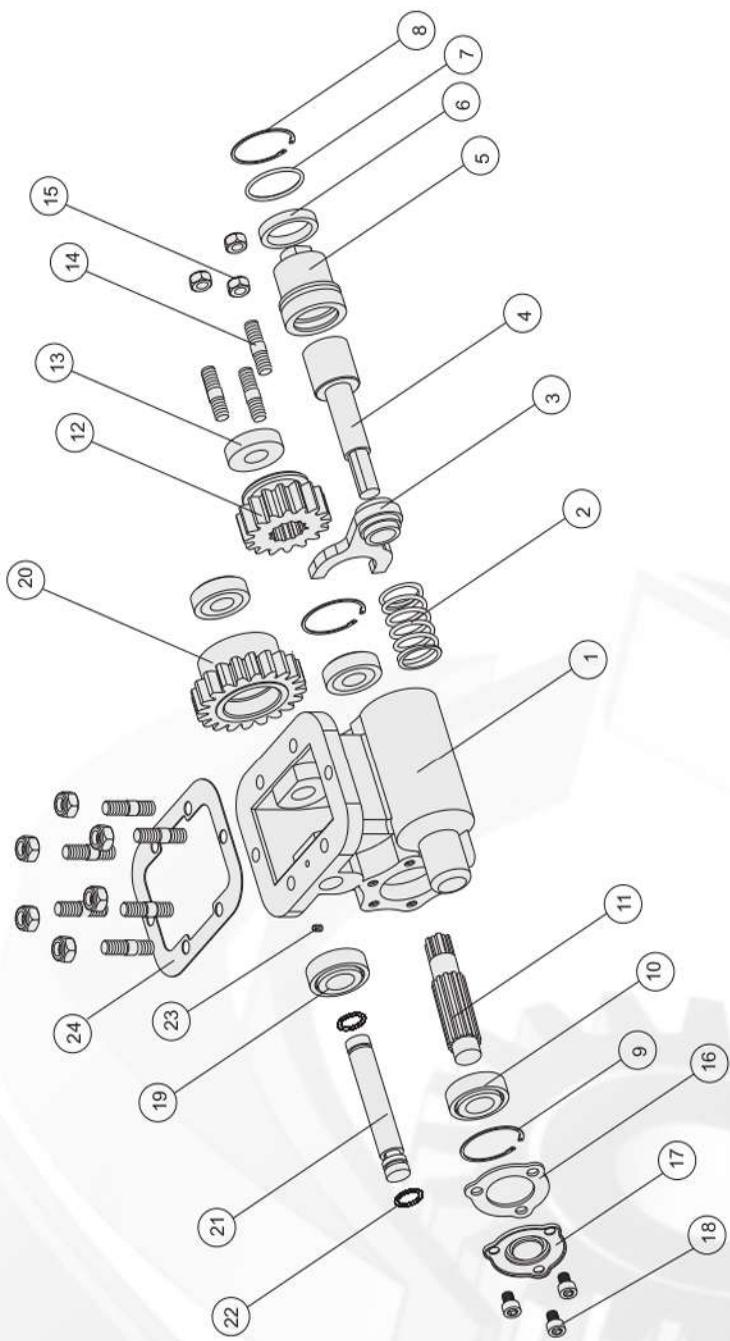
Kullanılan Bazı Araçlar / Used Vehicles
180-167-620-622 BMC PRO / 220.26-
180 FATİH BMC 2520 FORD CORGO
AS 950 / CHRYSLER 180.12-210-220
CD-320 MIDLUM RENAULT / FODEN
2000 / ERF E6.18 / 1415-1718 FORD
8.163-8.224-18.228 MAN

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

**ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST**

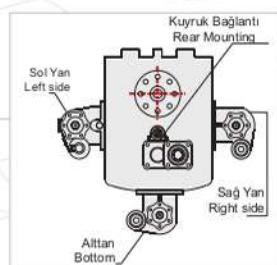
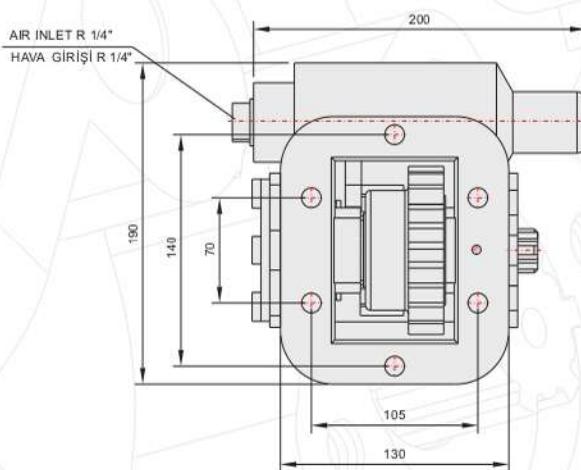
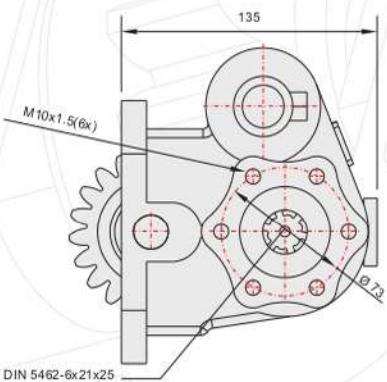
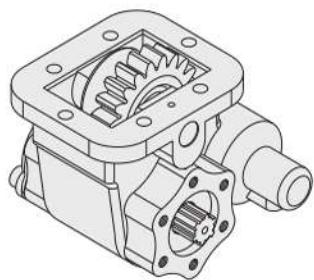
POWER TAKE OFF

P.T.O.



EATON 6109

Adet	Parça No	Parça Adı	Kod	Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50424511-01	1	14	Pto Yan Kapak	50424511-14
1	2	Yay	50424511-02	3	15	M10x16 Civata	50424511-15
1	3	Hilal	50424511-03	1	16	25x52x10 Kece	50424511-16
1	4	Pnömatik Mil	50424511-04	9	17	M10x45 Saplama	50424511-17
1	5	Pnömatik Kovan	50424511-05	9	18	M10 Somun	50424511-18
1	6	38x48,1x8 Nutting	50424511-06	2	19	30204 Rulman	50424511-19
1	7	3,53x42,86 O-ring	50424511-07	1	20	Ust Disli	50424511-20
1	8	Tel Segman	50424511-08	1	21	Ust Milli	50424511-21
2	9	472-52 Segman	50424511-09	2	22	2,35x20 O-ring	50424511-22
2	10	6205 Rulman	50424511-10	1	23	M6x10 Setskur	50424511-23
1	11	6x12 Milli	50424511-11	1	24	Conta	50424511-24
1	12	Alt Disli	50424511-12	46	TOPLAM PARÇA SAYISI		50424511-25
1	13	Conta	50424511-13				

50424511

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50424511	
Tork / Torque	21 Kgm	206 Nm
Güç(1000 rpm) / Power	10,8 Hp	8,1 Kw
Devir / Speed	375 rpm	375 rpm
Oran / Ratio	4/5	4/5
Ağırlık / Weight	11 kg	24,3 lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - UNI	Left - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox

EATON FS / FSV / FSO/H/V 6109-
6209-8209-8309 A

Kullanılan Bazı Araçlar / Used Vehicles

214.26-220.26-280 FATİH / 2520L-2621
FORD CARGO 522-822-620 BMC 280
/ FODEN 3000 26.234-26.264-26.284
MAN 6X2 EURO / SEDDON 211 /
NISSAN CPC 16 / RENAULT MIDLUM
270 TATA LPTA 1621 TC 6x6 -
LPS4021 TC

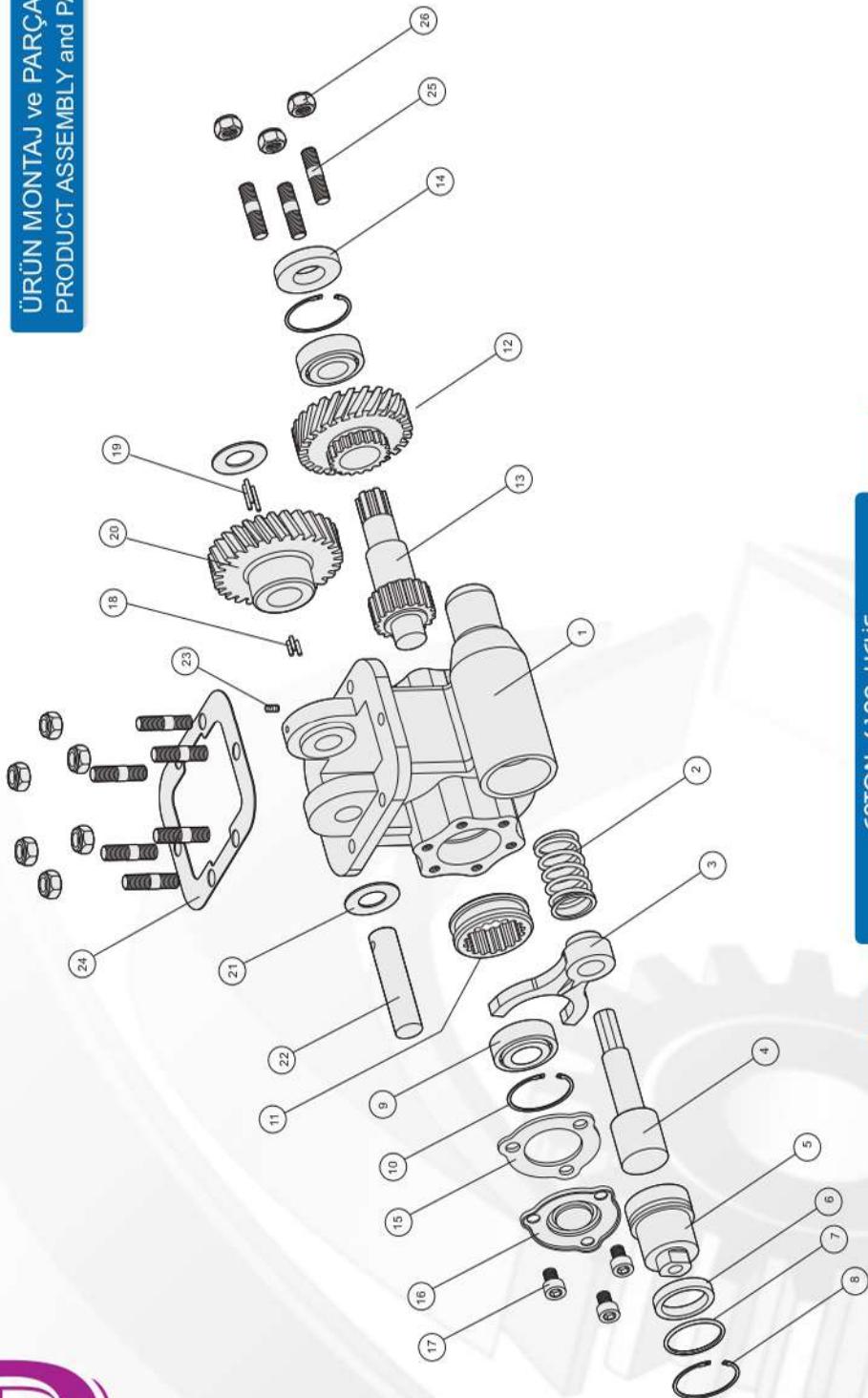
P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF
P.T.O.

P.T.O.



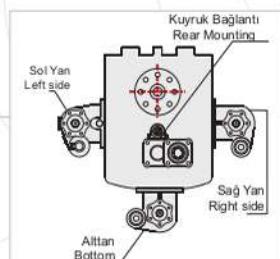
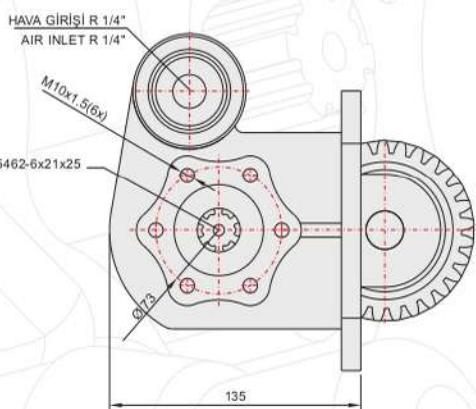
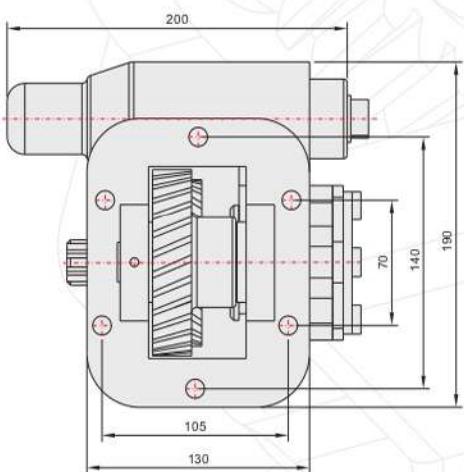
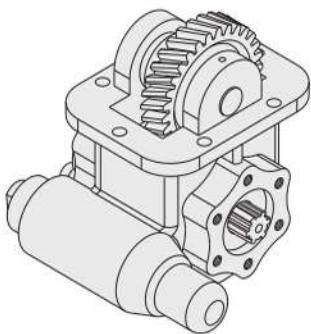
ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



EATON 6109 HELIS

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50426512-01
1	2	Yay	50426512-02
1	3	Hilal	50426512-03
1	4	Phömatik Mil	50426512-04
1	5	Pnömatik Kovan	50426512-05
1	6	38x48.1x8 Nutring	50426512-06
1	7	3.53x42.86 O-ring	50426512-07
1	8	Tel Segman	50426512-08
2	9	30205 Rulman	50426512-09
2	10	472-52 Segman	50426512-10
1	11	Sekromec	50426512-11
1	12	Alt Dişli	50426512-12
1	13	6x18 Alt Mil	50426512-13
97		TOPLAM PARÇA SAYISI	

Adet	Parça No	Parça Adı	Kod
1	14	25x52x10 Keçe	50426512-14
1	15	Conta	50426512-15
1	16	Pto Yan Kapak	50426512-16
3	17	M10x16 Civata	50426512-17
26	18	3x15.5 Masura Bilya	50426512-18
26	19	3x23.5 Masura Bilya	50426512-19
1	20	Üst Dişli	50426512-20
2	21	22.5x44.5x1.5 Pul	50426512-21
1	22	Üst Mil	50426512-22
1	23	M6x10 Setskür	50426512-23
1	24	Conta	50426512-24
9	25	M10x45 Saplama	50426512-25
9	26	M10 Sosun	50426512-26

50426512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50426512	
Tork / Torque	26 Kgm	255 Nm
Güç(1000 rpm) / Power	26,8 Hp	20 Kw
Devir / Speed	750 rpm	750 rpm
Oran / Ratio	1/1,16	1/1,16
Ağırlık / Weight	13 kg	28,7 lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox
EATON FS / FSV / FSO/H/V 6109-
6209-8209-8309 A

Kullanılan Bazı Araçlar / Used Vehicles
214.26-220.26-280 FATİH / 2520L-2621
FORD CARGO 522-822-620 BMC 280
/ FODEN 3000 26.234-26.264-26.284
MAN 6X2 EURO / SEDDON 211 /
NISSAN CPC 16 / RENAULT MIDLUM
270 TATA LTPA 1621 TC 6x6 -
LPS 4021 TC

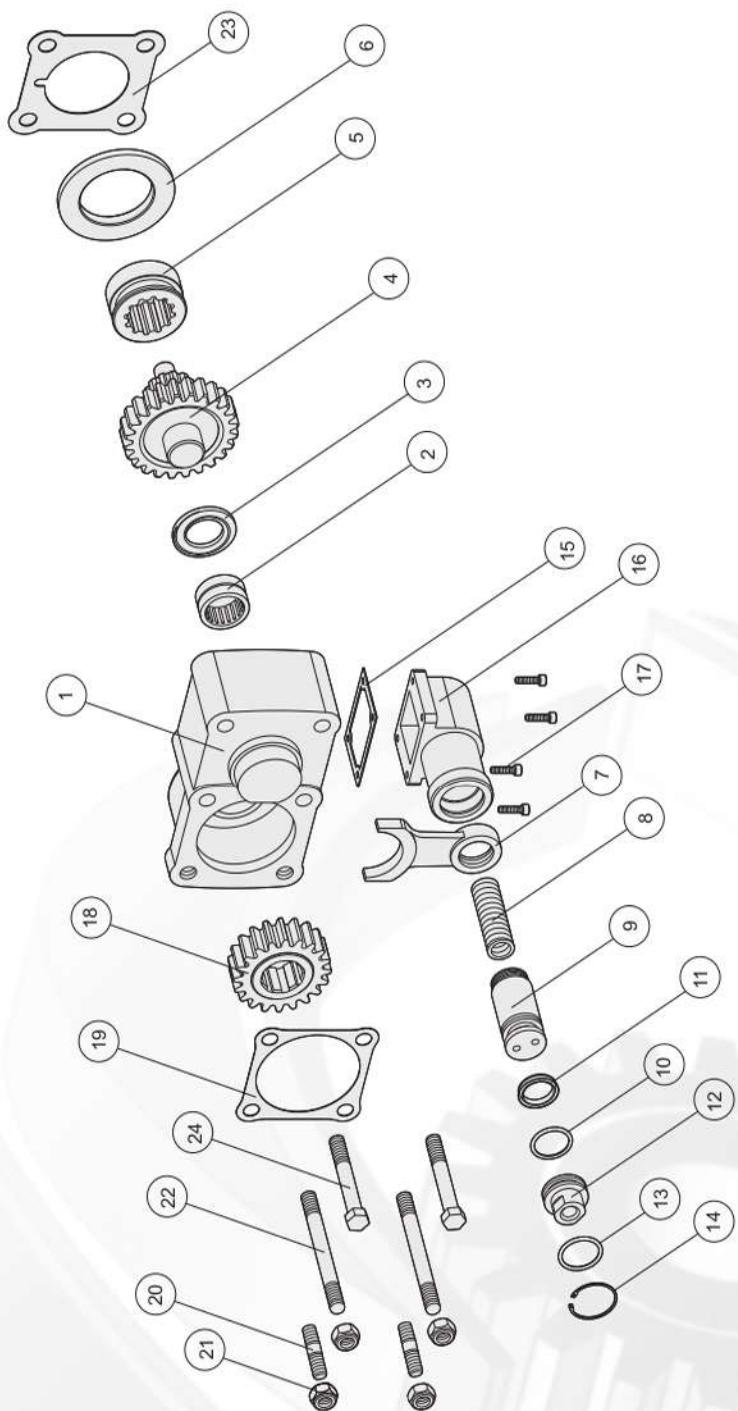
P.T.O. montaj edildikten sonra ana şanziman yağıni tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF

P.T.O.

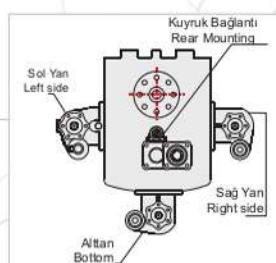
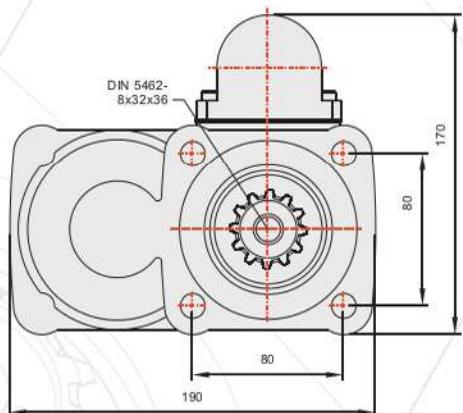
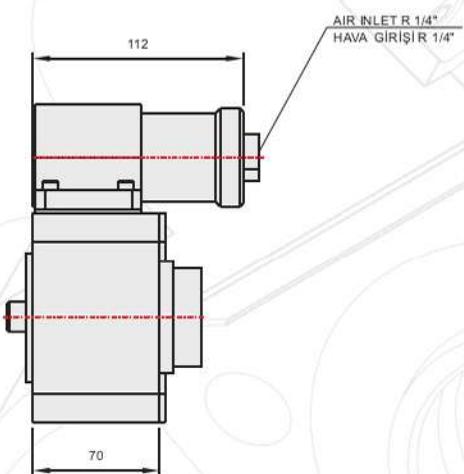
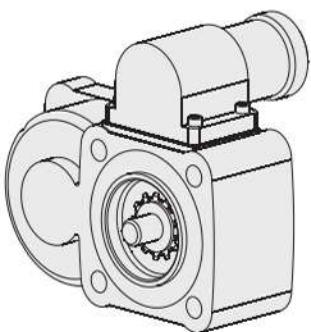
P

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



EATON 6109

Adet	Parça No	Parça Adı	Kod	Adet	Parça No	Parça Adı	Kod
1	1	Zf2 Gövde	50424321-01	1	13	29,75x3,53 O-ring	50424321-13
1	2	Nk 30x20 Rulman	50424321-02	1	14	47x36 Segman	50424321-14
1	3	31x52x4 Bronz Pul	50424321-03	1	15	Pnömatik Kovar Contası	50424321-15
1	4	Grup Disisi-45	50424321-04	1	16	Pnömatik Kovar	50424321-16
1	5	Kavrama Disisi	50424321-05	4	17	M5x20 Inbus	50424321-17
1	6	Zf2 Merkezleme Pulu	50424321-06	1	18	8x20 Dışı	50424321-18
1	7	Hilal	50424321-07	1	19	Conta	50424321-19
1	8	Pnömatik Piston Yayı	50424321-08	2	20	M12x45 Aks Saplama	50424321-20
1	9	Pnömatik Piston	50424321-09	4	21	M12 Sımon	50424321-21
1	10	3x27 O-ring	50424321-10	2	22	M12x120 Aks Saplama	50424321-22
1	11	33x25x5,5 Nutring	50424321-11	1	23	Conta	50424321-23
1	12	Pnömatik Kapak	50424321-12	2	24	M12x90 Civata	50424321-24
33		TOPLAM PARÇA SAYISI					

50424321

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE		
50424321		
Tork / Torque	26,5 Kgm	260 Nm
Güç(1000 rpm) / Power	24,5 Hp	18,3 Kw
Devir / Speed	675 rpm	675 rpm
Oran / Ratio	1/1,2	1/1,2
Ağırlık / Weight	11 kg	24,4 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - ISO	Left - ISO

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox

EATON FS / FSV / FSO/H/V 6109-
6209-8209-8309 A

Kullanılan Bazı Araçlar / Used Vehicles

214.26-220.26-280 FATİH / 2520L-2621
FORD CARGO 522-822-620 BMC 280
/ FODEN 3000 26.234-26.264-26.284
MAN 6X2 EURO / SEDDON 211 /
NISSAN CPC 16 / RENAULT MIDLUM
270 TATA LTPA 1621 TC 6x6 -
LPS1021 TC

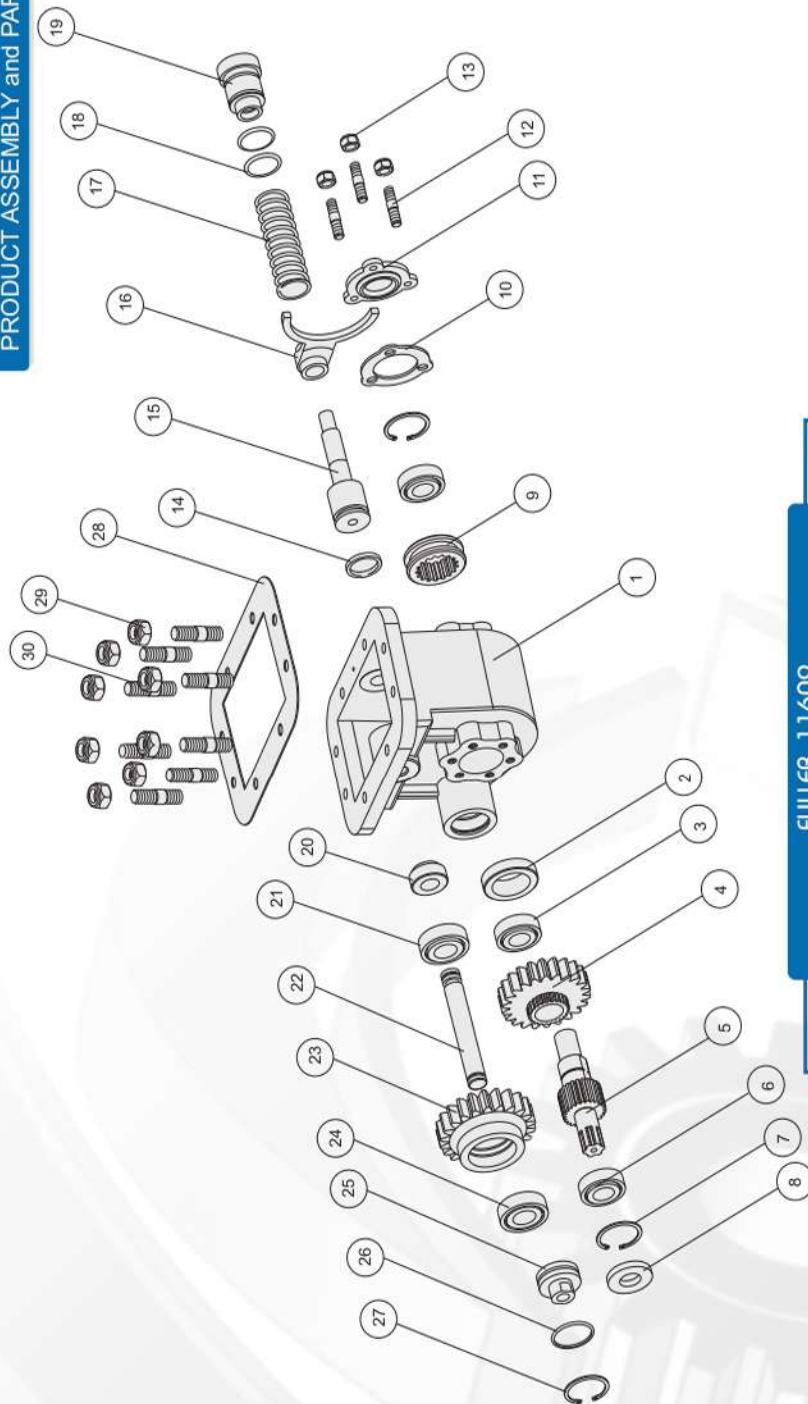
P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF

P.T.O.

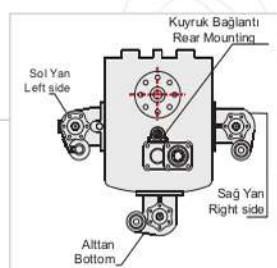
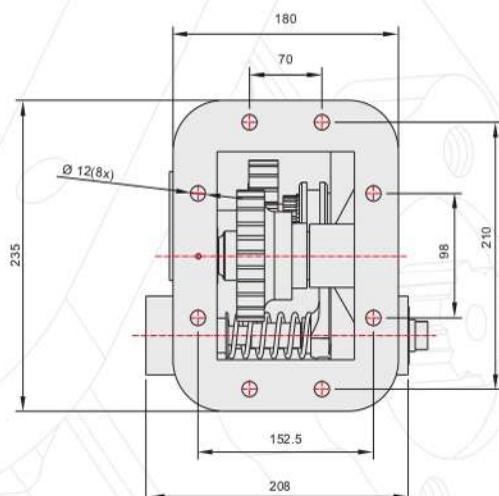
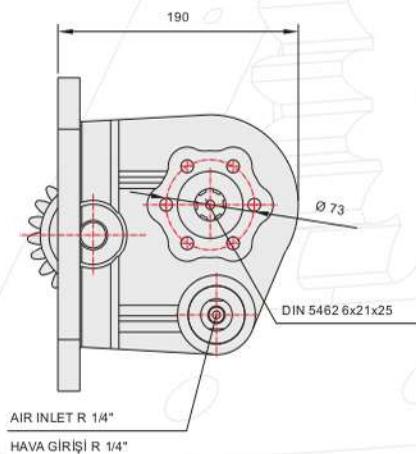
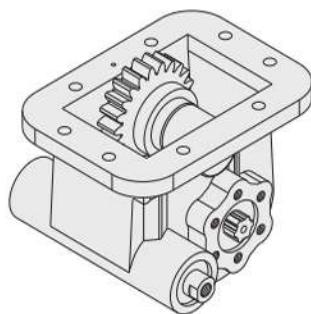


ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



FULLER 11609

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50510212-01
2	2	25.3x45x8.4 Pul	50510212-02
1	3	51105 Rulman	50510212-03
1	4	Alt Disli	50510212-04
1	5	Alt Milli	50510212-05
2	6	30205 Rulman	50510212-06
4	7	472-52 Segman	50510212-07
1	8	25x52x10 Kece	50510212-08
1	9	Senkromeç	50510212-09
1	10	Conta	50510212-10
1	11	Plo Van Kapak	50510212-11
3	12	M10x45 Saplama	50510212-12
3	13	M10 Somun	50510212-13
1	14	30x4 O-ring	50510212-14
1	15	Pnömatik Mil	50510212-15
16	16	Hilal	50510212-16
1	17	Pnömatik Yay	50510212-17
2	18	27x3 O-ring	50510212-18
1	19	Pnömatik Kapak2	50510212-19
1	20	21.3x40x20 Pul	50510212-20
1	21	30304 Rulman	50510212-21
1	22	Üst Mil	50510212-22
1	23	Üst Disli	50510212-23
1	24	32304 Rulman	50510212-24
1	25	Pnömatik Kapak	50510212-25
1	26	34x3 O-ring	50510212-26
2	27	47x45 Segman	50510212-27
1	28	Conta	50510212-28
8	29	M12x45 Saplama	50510212-29
8	30	M12 Somun	50510212-30
52	TOPLAM PARÇA SAYISI		

50510212

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50510212	
Tork / Torque	40 Kgm	392,4 Nm
Güç(1000 rpm) / Power	7,6 Hp	43,1 Kw
Devir / Speed	1050 rpm	1050 rpm
Oran / Ratio	1/1	1/1
Ağırlık / Weight	14 kg	30,9 lb
Bağlantı / Mounting	Altan Çift Dişli	Bottom
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox

RTO 11609-11613-11709-12709
14609
MRTO/RTX 9509-9513-9710
11509-14613-15613-15615
A/B/H

Kullanılan Bazı Araçlar / Used Vehicles

19.361-266.321-26.240-26.280 MAN
180.24-280.26-190.26-190.30-190.35-190.42
198.38-240.36-330.26-330.35-380 E30 IVECO
270-26 FATİH BMC
DAF 85-2605-28002815-3030-3300-3330-
3600-4400 ERF E6-E8-E12-EC 14
LEYLAND / FODEN 4000 / MAGIRUS /
19.320-30.280 MAN / FIAT 619-697

P.T.O. montaj edildikten sonra ana şanziman yağıni tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

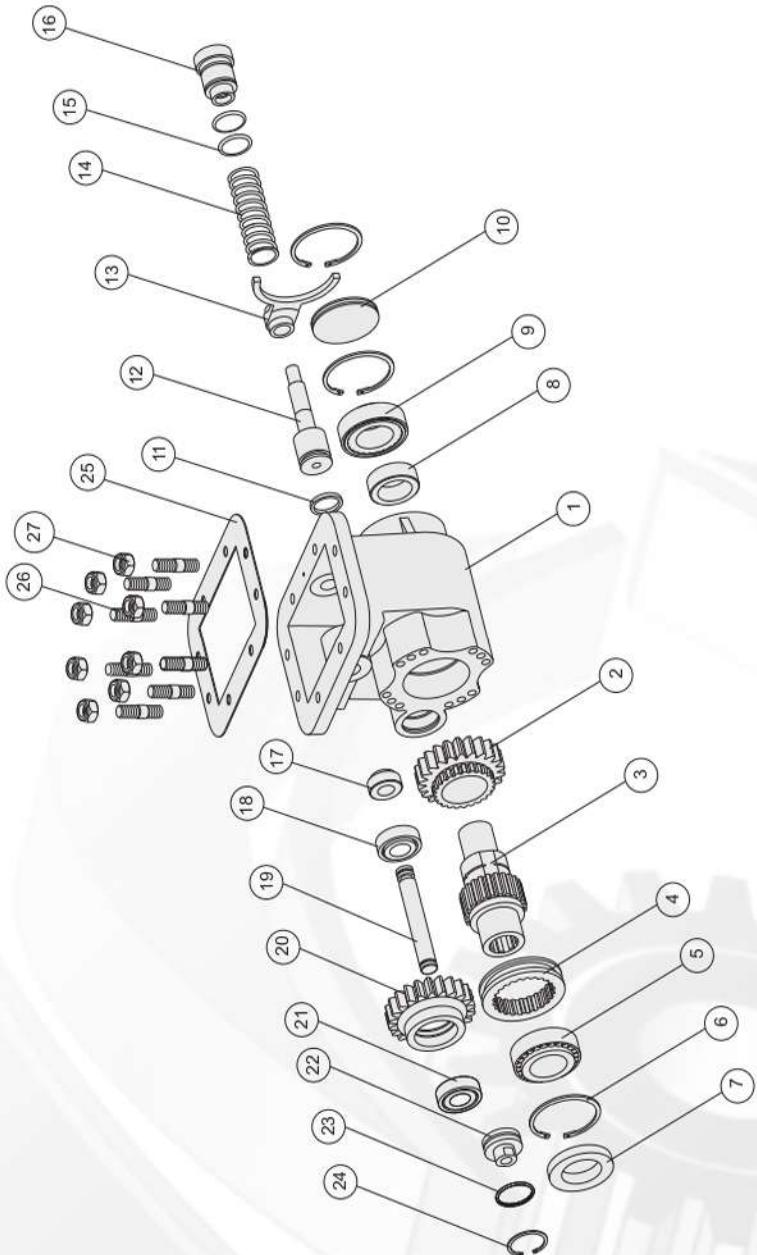
POWER TAKE OFF
P.T.O.
P

POWER TAKE OFF

P.T.O.

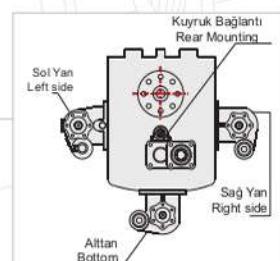
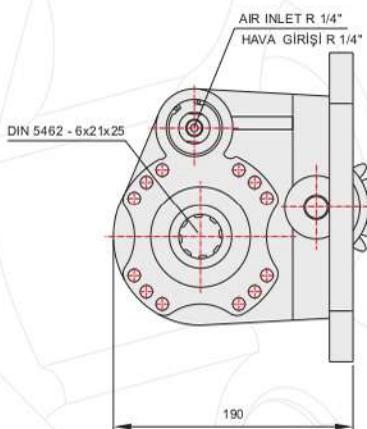
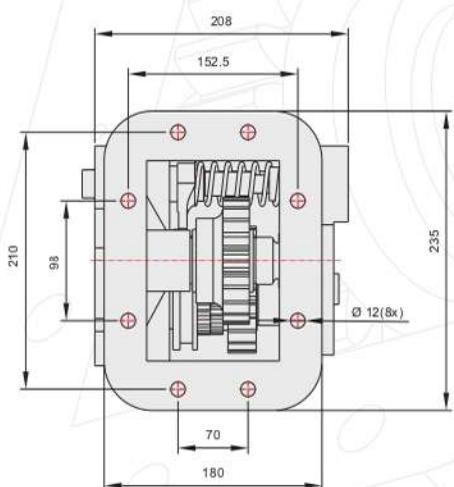
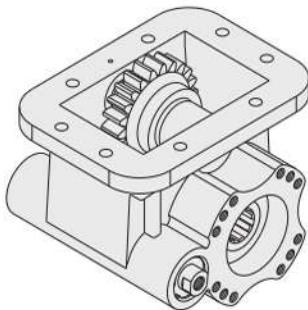
P

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



FULLER 11609

Adet	Parça No	Parça Adı	Kod	Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50510222-01	2	15	27x3 O-ring	50510222-15
1	2	Alt Dişli	50510222-02	1	16	Pnömatik Kapak2	50510222-16
1	3	Alt Mil	50510222-03	1	17	21,3x40x20 Pül	50510222-17
1	4	Senkromec	50510222-04	1	18	30304 Rulman	50510222-18
1	5	32010 Rulman	50510222-05	1	19	Üst Mil	50510222-19
3	6	472-80 Segman	50510222-06	1	20	Üst Dişli	50510222-20
1	7	50x80x8 Keçe	50510222-07	1	21	32304 Rulman	50510222-21
1	8	40x59x20 Ortalama Pulu	50510222-08	1	22	Pnömatik Kapak	50510222-22
1	9	32208 Rulman	50510222-09	1	23	34x3 O-ring	50510222-23
1	10	Ø80 Kapak	50510222-10	2	24	472x45 Segman	50510222-24
1	11	30x40 O-ring	50510222-11	1	25	Conia	50510222-25
1	12	Pnömatik Mil	50510222-12	8	26	M12x45 Saplama	50510222-26
1	13	Hilal	50510222-13	8	27	M12 Somun	50510222-27
1	14	Pnömatik Yay	50510222-14	45	TOPLAM PARÇA SAYISI		

50510222

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50510222	
Tork / Torque	40 Kgm	392,4 Nm
Güç(1000 rpm) / Power	57,8 Hp	43,1 Kw
Devir / Speed	1050 rpm	1050 rpm
Oran / Ratio	1/1	1/1
Ağırlık / Weight	14 kg	30,9 lb
Bağlantı / Mounting	Alltan Çift Dişli	Bottom
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sağ - ISO	Right - ISO

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox	Kullanılan Bazı Araçlar / Used Vehicles
RT 11609-11613-11709-12709-	19.361-26.321-26.240-26.280 MAN
14609 MRTO / RTX 9509-9513-	180.24-280.26-190.26-190.30-190.35-190.42-
9710-11509-14613-15613-	198.38-240.36-330.26-330.30-330.35-380E30
15615 A/B/H	IVECO / 270.26 FATİH BMC
	DAF 85-2605-2800-2815-3030-3300-3330-
	3600-4400-ERF E6-E8-E12-EC 14
	LEYLAND / FODEN 4000 MAGIRUS /
	19.320-30.280 MAN / FIAT 619-697

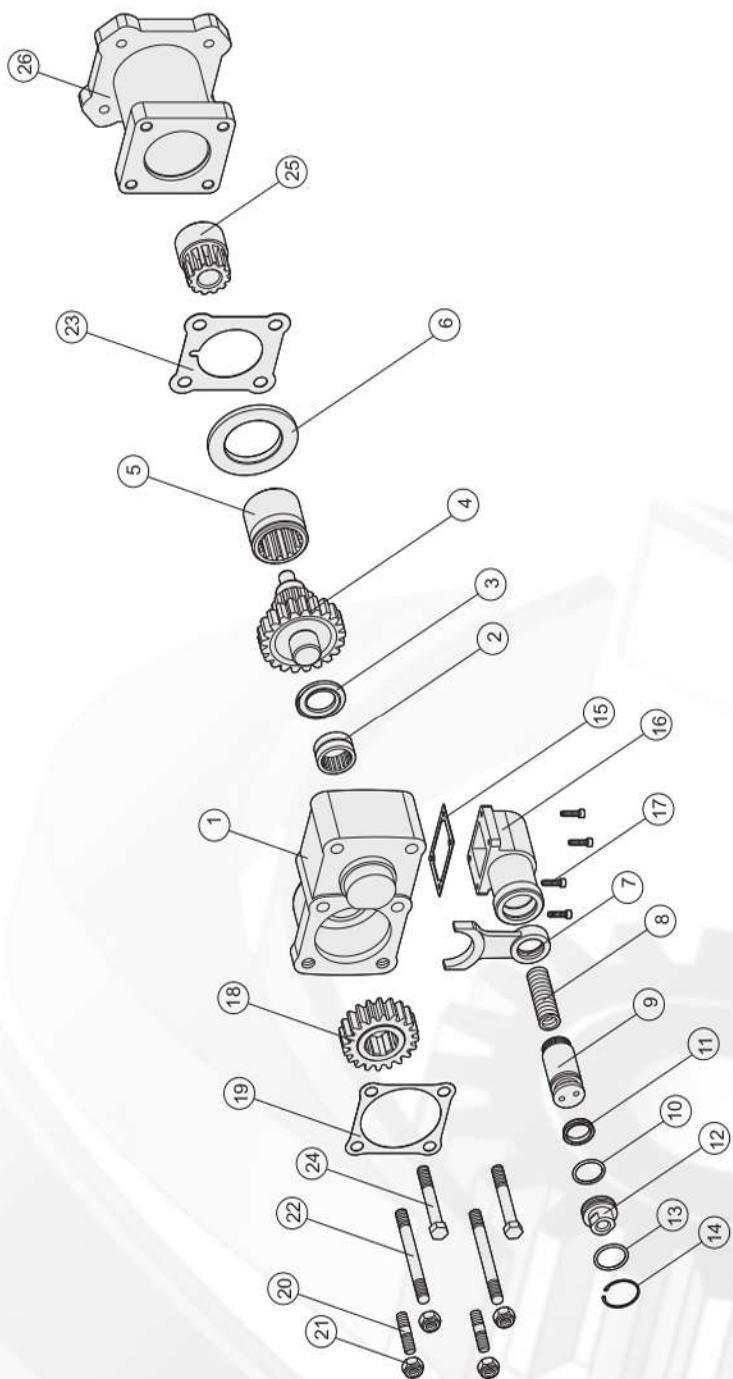
P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST

POWER TAKE OFF

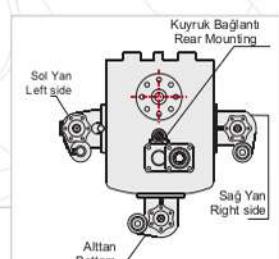
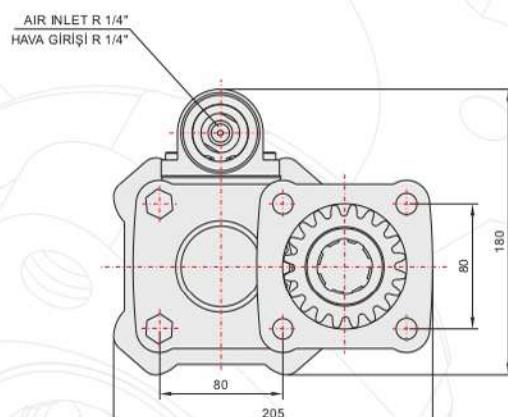
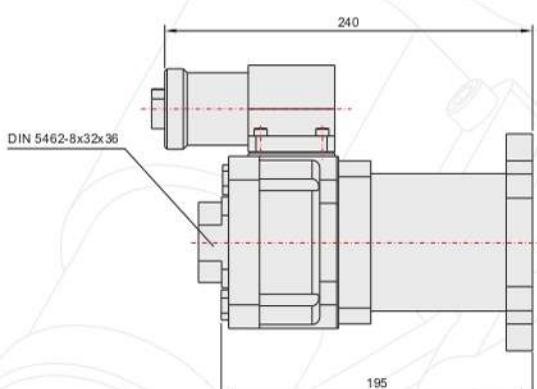
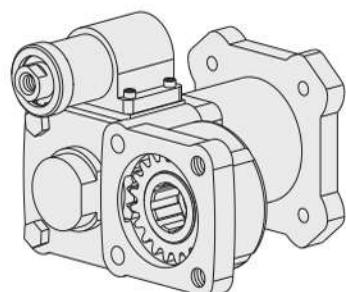
P.T.O.

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FULLER 11609

Adet	Parça No	Parça Adı	Kod
1	50510321-01	Z12 Gövde	50510321-14
1	50510321-02	NK30-220 Rulman	50510321-15
1	50510321-03	31x52x4 Bronz Pul	50510321-16
1	50510321-04	Grup Dışlı	50510321-17
1	50510321-05	Kavrama Dışlı	50510321-18
1	50510321-06	Z12 Merkezleme Pulu	50510321-19
1	50510321-07	Hilal	50510321-20
1	50510321-08	Pnömatik Piston Yayı	50510321-21
1	50510321-09	Pnömatik Piston	50510321-22
1	50510321-10	3x27 O-ring	50510321-23
1	50510321-11	33x25x5,5 Nutring	50510321-24
1	50510321-12	Pnömatik Kapak	50510321-25
1	50510321-13	29,75x3,53 O-Ring	50510321-26
35		TOPLAM PARCA SAYISI	

50510321

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50510321	
Tork / Torque	26,5 Kgm	260 Nm
Güç(1000 rpm) / Power	32,9 Hp	24,5 Kw
Devir / Speed	900 rpm	900 rpm
Oran / Ratio	1/1,2	1/1,2
Ağırlık / Weight	14 kg	30,9 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - ISO	Left - ISO

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

Ana Şanzıman / Gearbox

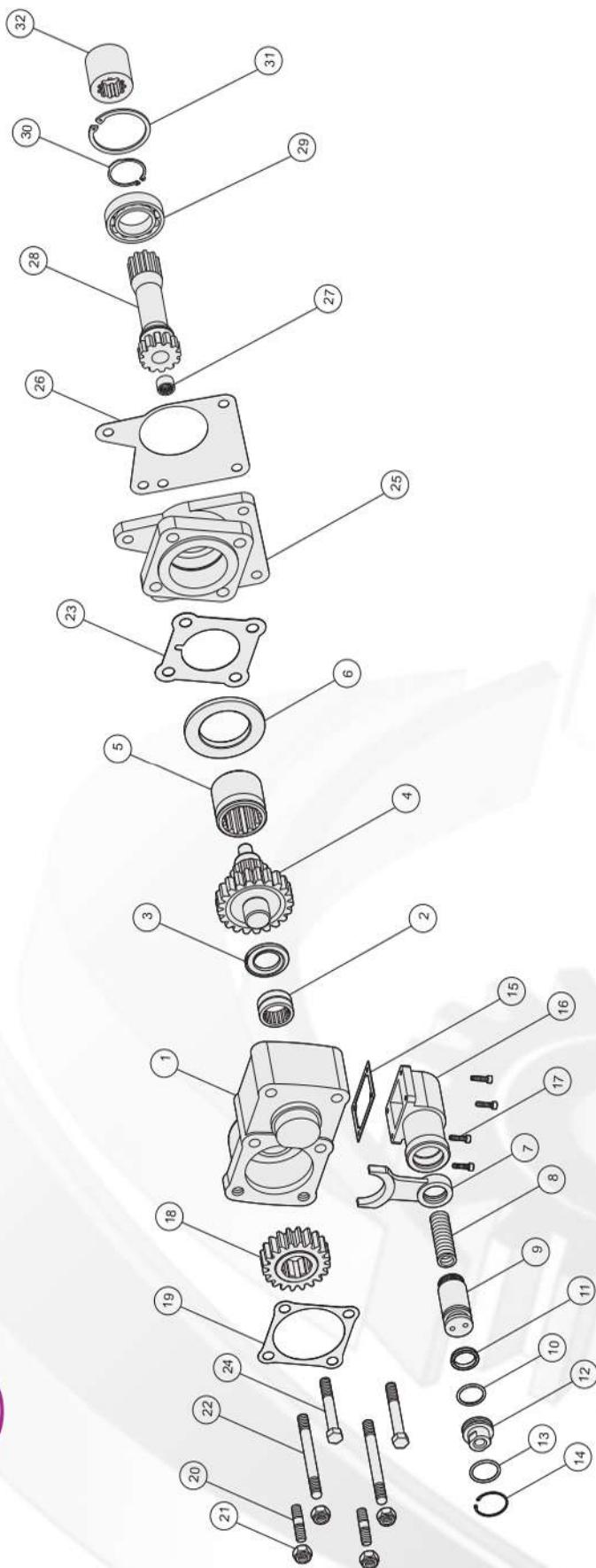
EATON-FULLER RT-RTF-RTO-RTX-RTOF-RTOX-MRT1160A-B RT-RTX-TRO-RTLO-RTOO-RTOOF-FTOOX
11509-14613-15613-15615-A-B-H / RTO-RTX 11709,12609/RTO11608 LL / RTX 11613 B/RT-RTX 11709 H-B / RT-RTF910/RTO 910/ RT 1110/ RTO 1110/ RT 7609/ RTO-RTX 7609/ RT-RTO7613/ RT-RTF 9509 A-C RT-RTF-MRT-MRTO-RTO-RTOF 9509,9513, 9710 A-B RT-RTO-RTX 12509,12513, 12709 H, 12710 B / RT-RTF- RTO-RTFO- RTLO-RTX 14608 LL, 14609,14613,14710 E

Kullanılan Bazı Araçlar / Used Vehicles

19.361-26.321-26.240-26.280 MAN/ 180.24-180.26-190.26-190.30-190.35-190.42-198.38-240.36-330.26-330.30-330.35-380E30 IVECO270-26 FATİH BMC / DAF 85-2605-2800-2815-3030-3300-3330-3600-4400/ ERF E6-E8-E12-EC /LEYLAND / FODEN 4000 / MAGIRUS 19.320-30.280 MAN / FIAT 619-697



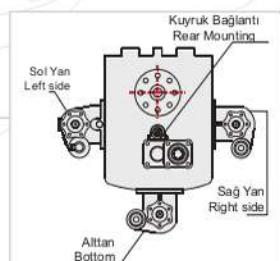
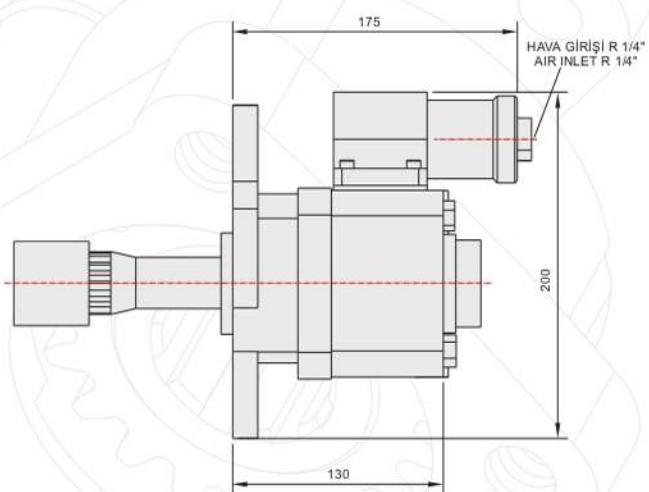
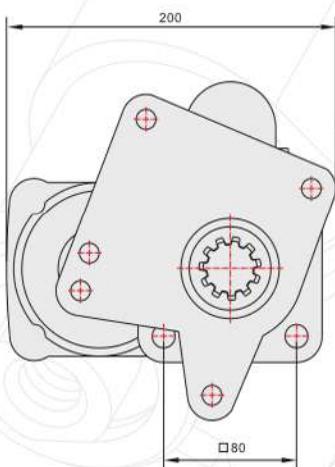
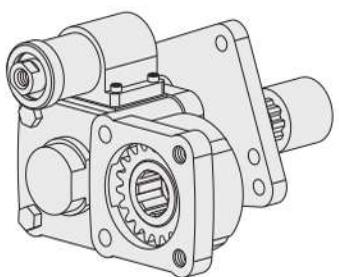
ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



FULLER 17316

Adet	Parça No	Parça Adı	Kod
1	1	Z12 Gövde	50512321-01
1	2	Nk 30-20 Rulman	50512321-02
1	3	31x52x4 Bronz Pül	50512321-03
1	4	Grup Dışlı	50512321-04
1	5	Kavrama Disliği	50512321-05
1	6	Z12 Merkezleme Pulu	50512321-06
1	7	Hilal	50512321-07
1	8	Pnömatik Piston Yayı	50512321-08
1	9	Pnömatik Piston	50512321-09
1	10	3x27 O-ring	50512321-10
1	11	33x25x5 Nutring	50512321-11
1	12	Pnömatik Kapak	50512321-12
1	13	29x75x35 O-ring	50512321-13
1	14	472-36 Segman	50512321-14
1	15	Pnömatik Kovan Contası	50512321-15
1	16	Pnömatik Kovan	50512321-16
1	17	M5x20 Inbus	50512321-17
1	18	8x20 Dışlı	50512321-18
1	19	Conta	50512321-19
2	20	M12x45 Aks Saplama	50512321-20
4	21	M12 Somun	50512321-21
2	22	M12x120 Aks Saplama	50512321-22
1	23	Conta	50512321-23
2	24	M12x90 Civata	50512321-24
1	25	17316 Plate	50512321-25
1	26	Conta	50512321-26
1	27	Hk 16-16 Rulman	50512321-27
1	28	17316 Kardan Mili	50512321-28
1	29	6008 Rulman	50512321-29
1	30	471-40 Segman	50512321-30
1	31	472-68 Segman	50512321-31
1	32	17316 Kardan Mili Kavraması	50512321-32
41		TOPLAM PARÇA SAYISI	

Adet	Parça No	Parça Adı	Kod
4	17	M5x20 Inbus	50512321-17
1	18	8x20 Dışlı	50512321-18
1	19	Conta	50512321-19
2	20	M12x45 Aks Saplama	50512321-20
4	21	M12 Somun	50512321-21
2	22	M12x120 Aks Saplama	50512321-22
1	23	Conta	50512321-23
2	24	M12x90 Civata	50512321-24
1	25	17316 Plate	50512321-25
1	26	Conta	50512321-26
1	27	Hk 16-16 Rulman	50512321-27
1	28	17316 Kardan Mili	50512321-28
1	29	6008 Rulman	50512321-29
1	30	471-40 Segman	50512321-30
1	31	472-68 Segman	50512321-31
1	32	17316 Kardan Mili Kavraması	50512321-32
41		TOPLAM PARÇA SAYISI	

50512321

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50512321	
Tork / Torque	24 Kgm	235,4 Nm
Güç(1000 rpm) / Power	30,6 Hp	22,9 Kw
Devir / Speed	1000 rpm	1000 rpm
Oran / Ratio	1/1,2	1/1,2
Ağırlık / Weight	16 kg	35,2 lb
Bağlantı / Mounting	Kuyruk Çift Dişli	Rear
Kumanda / Control	Havalı	Pneumatic
Dönüş / P.T.O. Rotation	Sol - ISO	Left - ISO

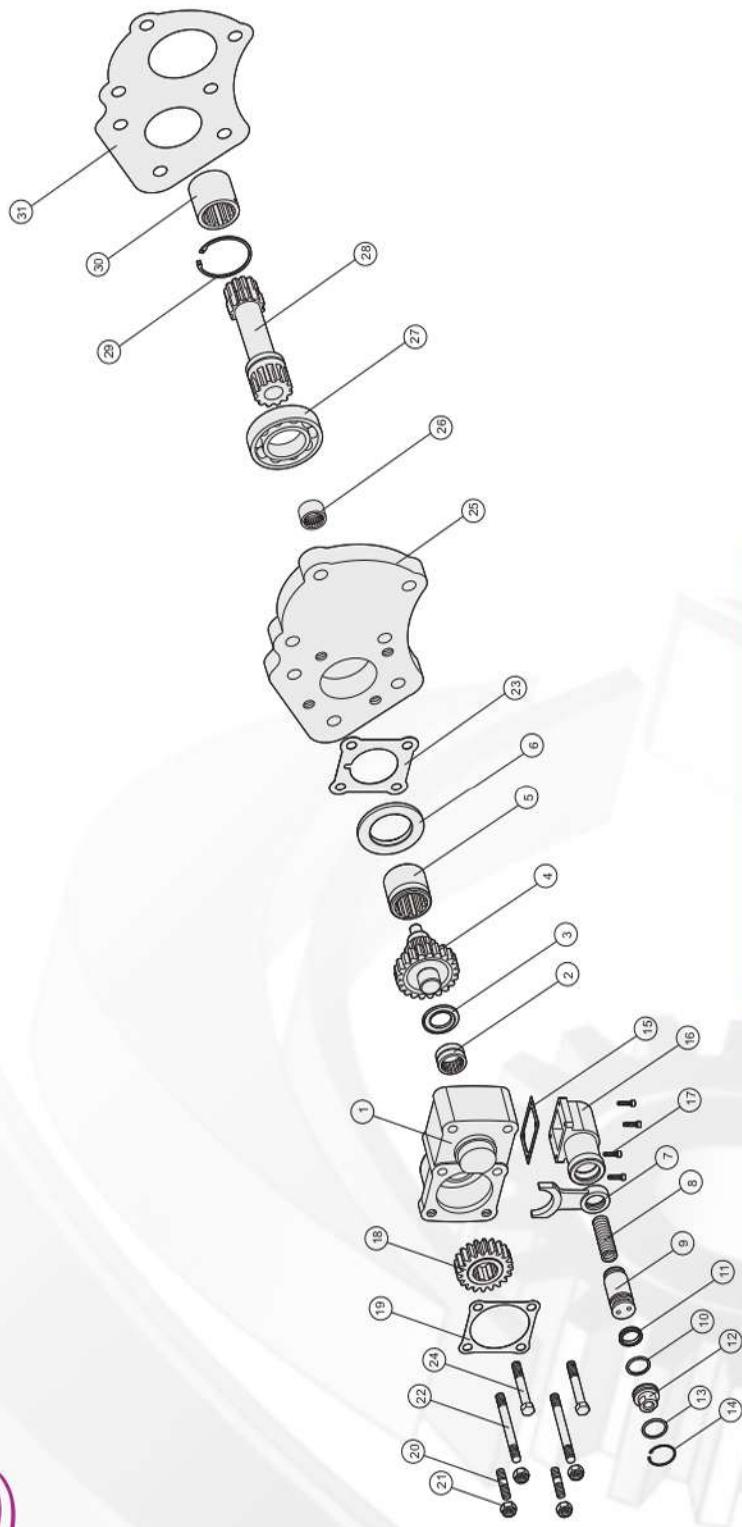
Seçtiğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox	Kullanılan Bazı Araçlar / Used Vehicles
RTSO 12316-14316-16316-17316 A	19.463 SILENT 19.314-19.364-19.414-19.464-18.403-35.403-21.314-24.417-27.364 MAN 34.314-35.414-37.464-41.414-41.603-41.464-50.414 MAN

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF
P.T.O.

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST

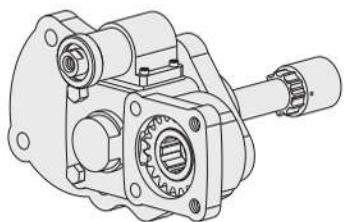
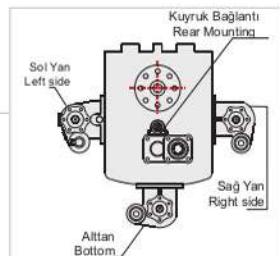
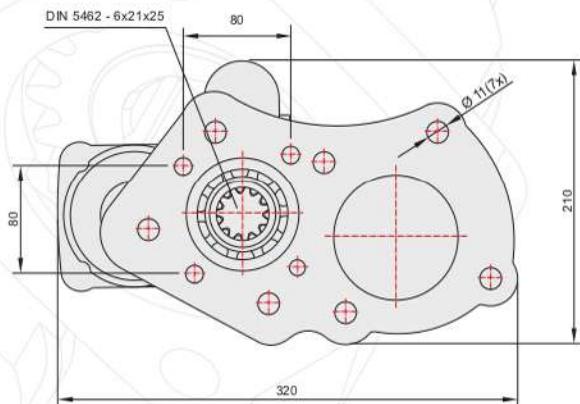
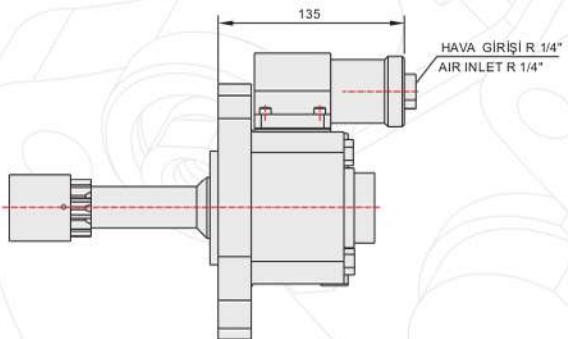


POWER TAKE OFF

P.T.O.

P

FULLER 15612		
Adet	Parça No	Parça Adı
1	50514321-01	Zf2 Gövde
1	50514321-02	Nk30-20 Rulman
1	50514321-03	31x52x4 Bronz Pul
1	50514321-04	Grup Dışlısı
1	50514321-05	Kavrama Dışlısı
1	50514321-06	Zf2 Merkezleme Pulu
1	50514321-07	Hilal
1	50514321-08	Pnömatik Piston Yayı
1	50514321-09	Pnömatik Piston
1	50514321-10	3x27 O-ring
1	50514321-11	33x25x5,5 Nutring
1	50514321-12	Pnömatik Kapak
1	50514321-13	29,75x35,3 O-Ring
1	50514321-14	472-36 Segman
1	50514321-15	Pnömatik Kovan Contası
1	50514321-16	Pnömatik Kovan
40		TOPLAM PARÇA SAYISI

50514321

POWER TAKE OFF
P.T.O.

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50514321	
Tork / Torque	26,5 Kgm	260 Nm
Güç(1000 rpm) / Power	24,5 Hp	8,3 Kw
Devir / Speed	675 rpm	675 rpm
Oran / Ratio	1/1,2	1/1,2
Ağırlık / Weight	16 kg	35,3 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - ISO	Left - ISO

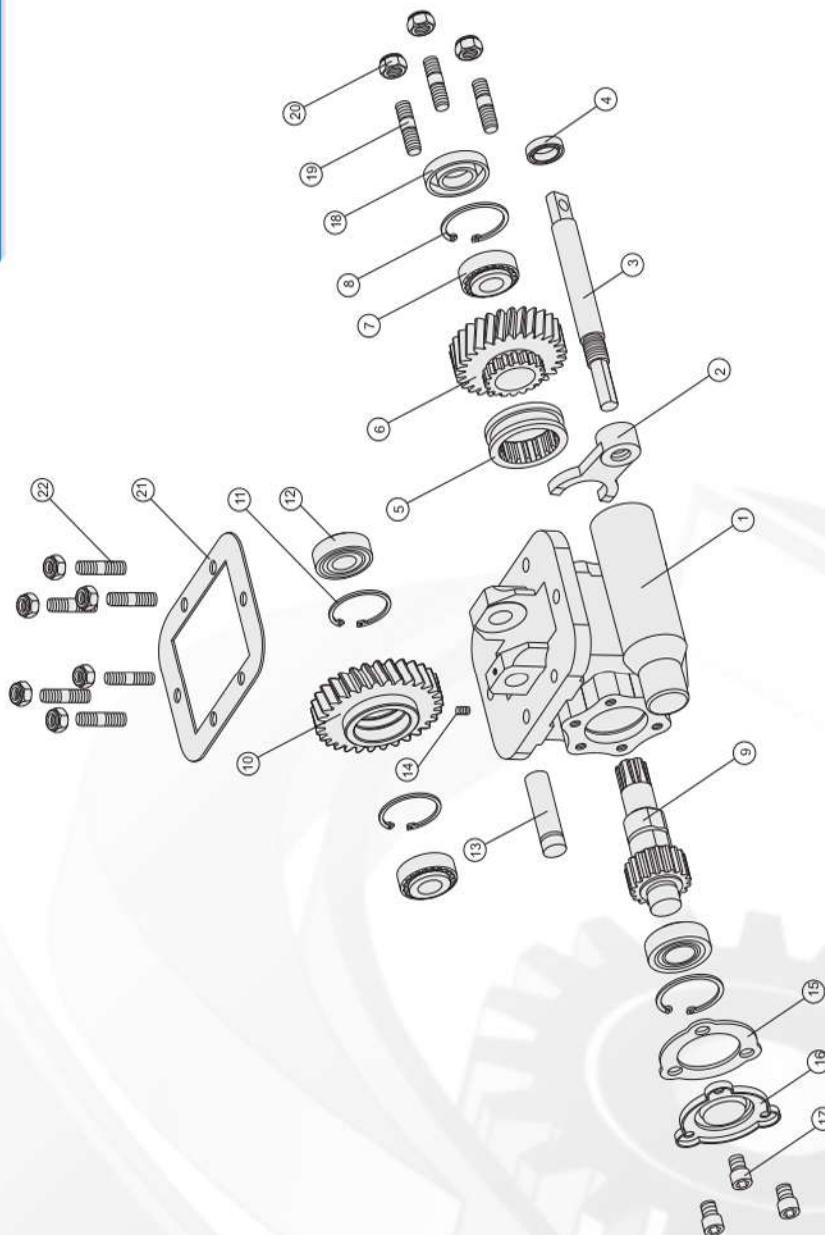
Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüs yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox	Kullanılan Bazı Araçlar / Used Vehicles
EATON-FULLER 11612-12612-13612-15612-14607-16612 A/H	440E42-720E37 EROTECH-EUROTRACKER-EUROSTAR/LEYLAND 80.330-85.330-85.400- DAF/190.36-240.36- IVECO / FODEN 4275 SEDDON ATKINSON 3.11 L 25 / ERF E 14.35 TT / 400 E 34 IVECO

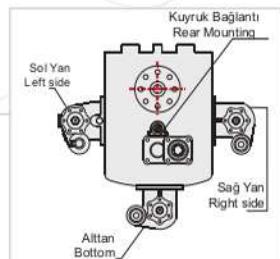
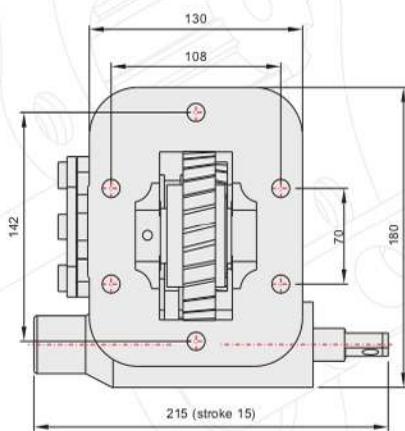
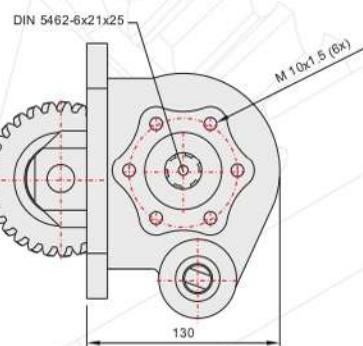
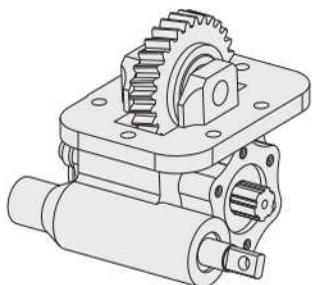
P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.



ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50610512-01
1	2	Hilal	50610512-02
1	3	Kumanda Mili	50610512-03
1	4	20x30x7 Kece	50610512-04
1	5	Şenkromeç	50610512-05
1	6	Msb-5s Alt Dişli	50610512-06
2	7	30x25 Rulman	50610512-07
2	8	472-52 Segman	50610512-08
1	9	6x18 Alt Mili	50610512-09
1	10	Msb-5s Üst Dişli	50610512-10
2	11	472-47 Segman	50610512-11
6	12	30x204 Rulman	50610512-12
1	13	Üst Mili	50610512-13
1	14	M6x10 Setskur	50610512-14
1	15	Conta	50610512-15
1	16	Pto Yan Kapak	50610512-16
3	17	M10x16 Ciyata	50610512-17
1	18	25x52x10 Kece	50610512-18
3	19	M10x45 Saplama	50610512-19
9	20	M10 Somun	50610512-20
1	21	Conta	50610512-21
6	22	M10x1,5x1,25 Saplama	50610512-22
43	TOPLAM PARÇA SAYISI		

50610512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50610512	
Tork / Torque	16,6 Kgm	162,8 Nm
Güç(1000 rpm) / Power	14,2 Hp	10,6 Kw
Devir / Speed	600rpm	600 rpm
Oran / Ratio	1/1,34	1/1,34
Ağırlık / Weight	11 kg	24,3 lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Mekanik	Mechanic
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox

MSB-5S / MSB-5M / MSB-5G /
MOA-89 / MSB-5R

Kullanılan Bazı Araçlar / Used Vehicles

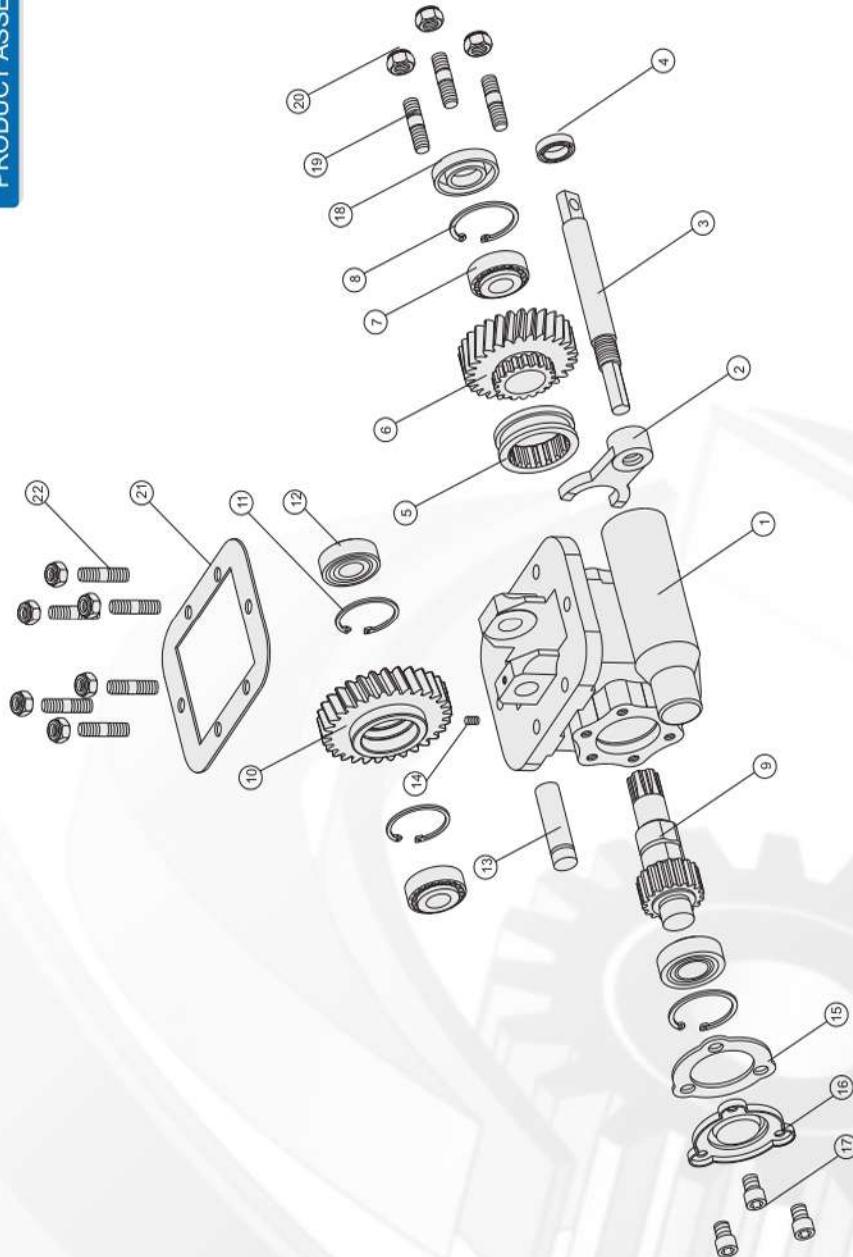
NKR 2.8 ISUZU LOW / NKR 55 LOW
NHR 55E / CARRIER 250T

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF
P.T.O.



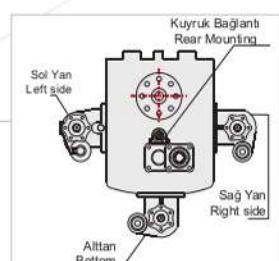
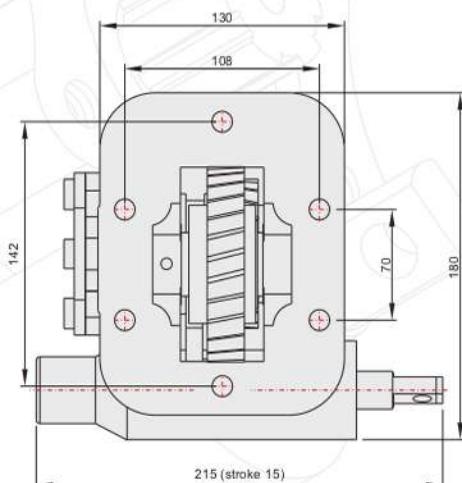
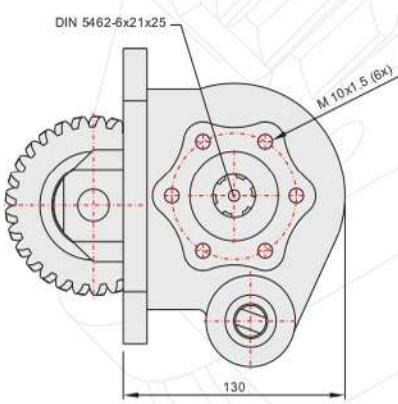
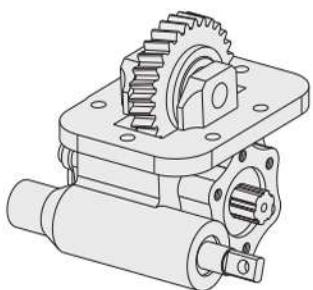
ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



ISUZU MSA 5P

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50612512-01
1	2	Hilal	50612512-02
1	3	Kumanda Mili	50612512-03
1	4	20x30x7 Keçe	50612512-04
1	5	Senkromeç	50612512-05
1	6	Msa-5p Alt Dişli	50612512-06
2	7	30205 Rulman	50612512-07
2	8	472-52 Segman	50612512-08
1	9	6x18 Alt Mili	50612512-09
1	10	Msa-5p Üst Dişli	50612512-10
2	11	472-47 Segman	50612512-11

Adet	Parça No	Parça Adı	Kod
2	12	30204 Rulman	50612512-12
1	13	Üst Milli	50612512-13
1	14	M6x10 Setskur	50612512-14
1	15	Conta	50612512-15
1	16	Pto Yan Kapak	50612512-16
3	17	M10x16 Civata	50612512-17
1	18	25x52x10 Keşe	50612512-18
3	19	M10x45 Saplama	50612512-19
9	20	M10 Somun	50612512-20
1	21	Conta	50612512-21
6	22	M10x1.5x1.25 Saplama	50612512-22
43		TOPLAM PARÇA SAYISI	

50612512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50612512	
Tork / Torque	18,2 Kgm	178,5 Nm
Güç(1000 rpm) / Power	15 Hp	11,2 Kw
Devir / Speed	600rpm	600 rpm
Oran / Ratio	1/1,31	1/1,31
Ağırlık / Weight	11 kg	24,3 lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Mekanik	Mechanic
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox

 MSA-5P/ MSA-5G / SMA-SP /
MSA-5D

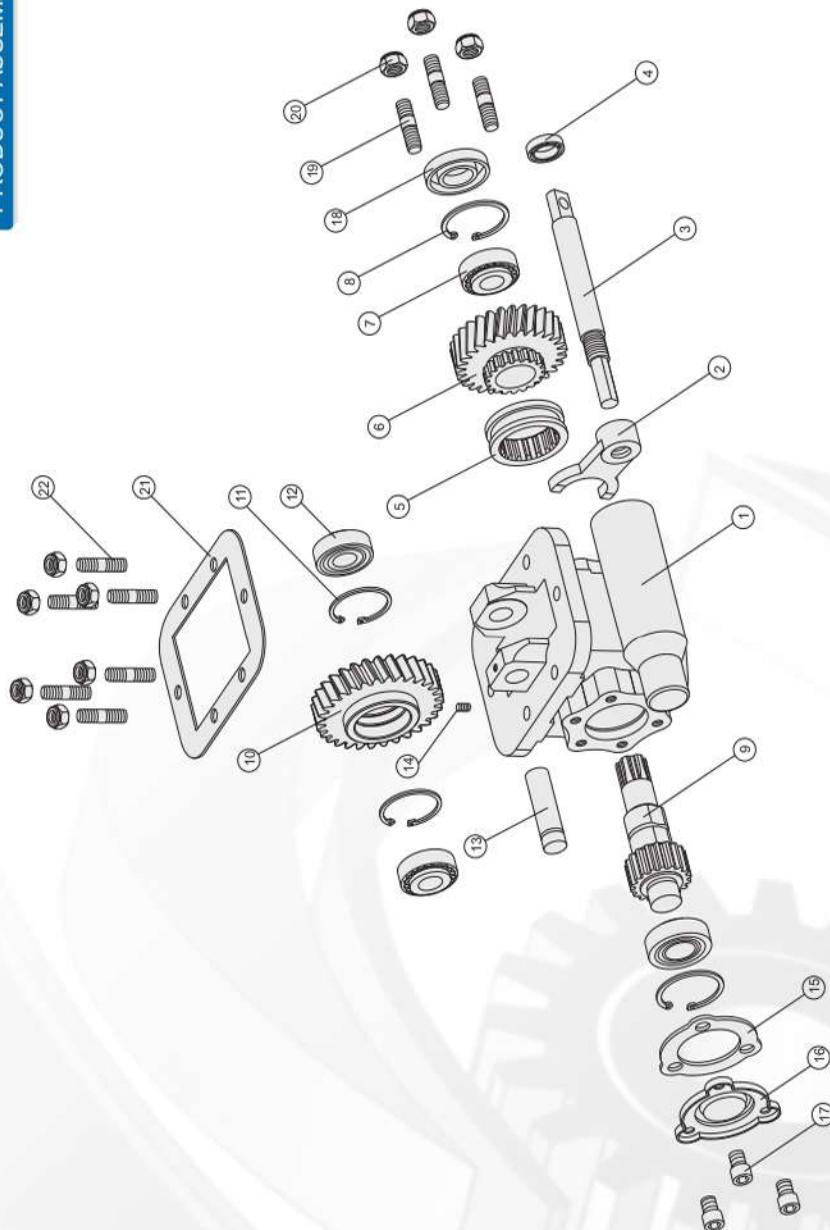
Kullanılan Bazı Araçlar / Used Vehicles

 KS11-KS 20-KS 32-8.8 WIDE DIESEL-
NKR 55 L / 3.3 IRAN ISUZU NKR-NHR-
HPR 3.6 / 3.9 ISUZU - JAC HVC SAH
1063 (LC 5 T 30)

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

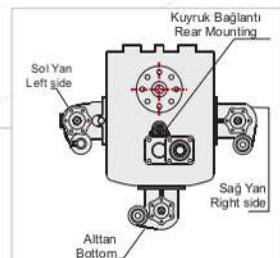
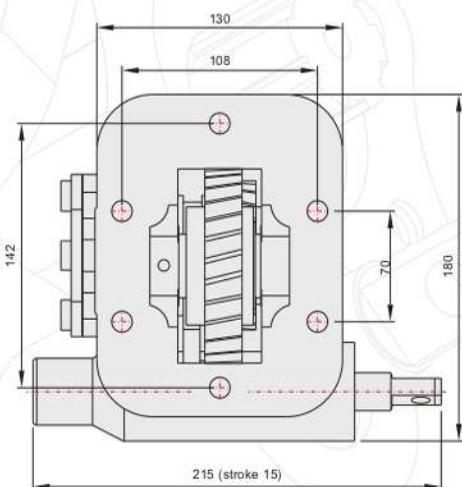
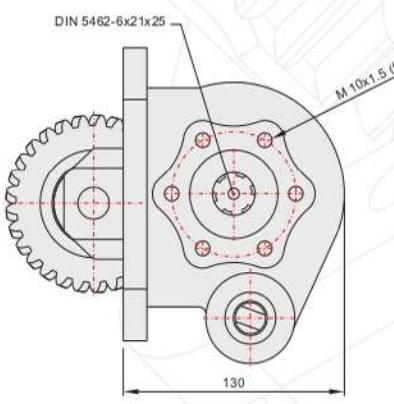
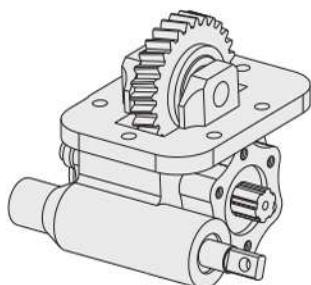


ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



ISUZU MXA 5R

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50614512-01
1	2	Hilal	50614512-02
1	3	Kumanda Mili	50614512-03
1	4	20x30x7 Keçe	50614512-04
1	5	Senkromec	50614512-05
1	6	Mxa-5r Alt Disli	50614512-06
2	7	30205 Rulman	50614512-07
2	8	472-52 Segman	50614512-08
1	9	6x18 Alt Mili	50614512-09
1	10	Mxa-5r Üst Disli	50614512-10
2	11	472-47 Segman	50614512-11
1	12	30204 Rulman	50614512-12
1	13	Üst Mili	50614512-13
1	14	M6x10 Setskur	50614512-14
1	15	Conta	50614512-15
1	16	Pto Yan Kapak	50614512-16
3	17	M10x16 Civata	50614512-17
1	18	25x52x10 Keçe	50614512-18
3	19	M10x45 Saplama	50614512-19
9	20	M10 Somun	50614512-20
1	21	Conta	50614512-21
6	22	M10x1.5x1.25 Saplama	50614512-22
43		TOPLAM PARÇA SAYISI	

50614512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50614512	
Tork / Torque	18,3 Kgm	179,5 Nm
Güç(1000 rpm) / Power	15 Hp	11,2 Kw
Devir / Speed	600rpm	600 rpm
Oran / Ratio	1/1,36	1/1
Ağırlık / Weight	11 kg	24,3 lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Mekanik	Mechanic
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox

MXA-5R / MXA-5S / MSA-5D /
MSA-5S / MXA-6R / MXA-5C /
MXA-5D

Kullanılan Bazı Araçlar / Used Vehicles

NKR WIDE LX 100 HP-4.3 NPR
CHAMPION ISUZU / 3.2 NPR ISUZU
/ 3.2 NPR ISUZU
NPR 66 / NHR 70 / NKR 66 / NKR 66E
/ NPR 66P / NPR 300-400-400S
FRR500 / ISUZU ELF 250

P.T.O. montaj edildikten sonra ana şanzıman yağıni tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

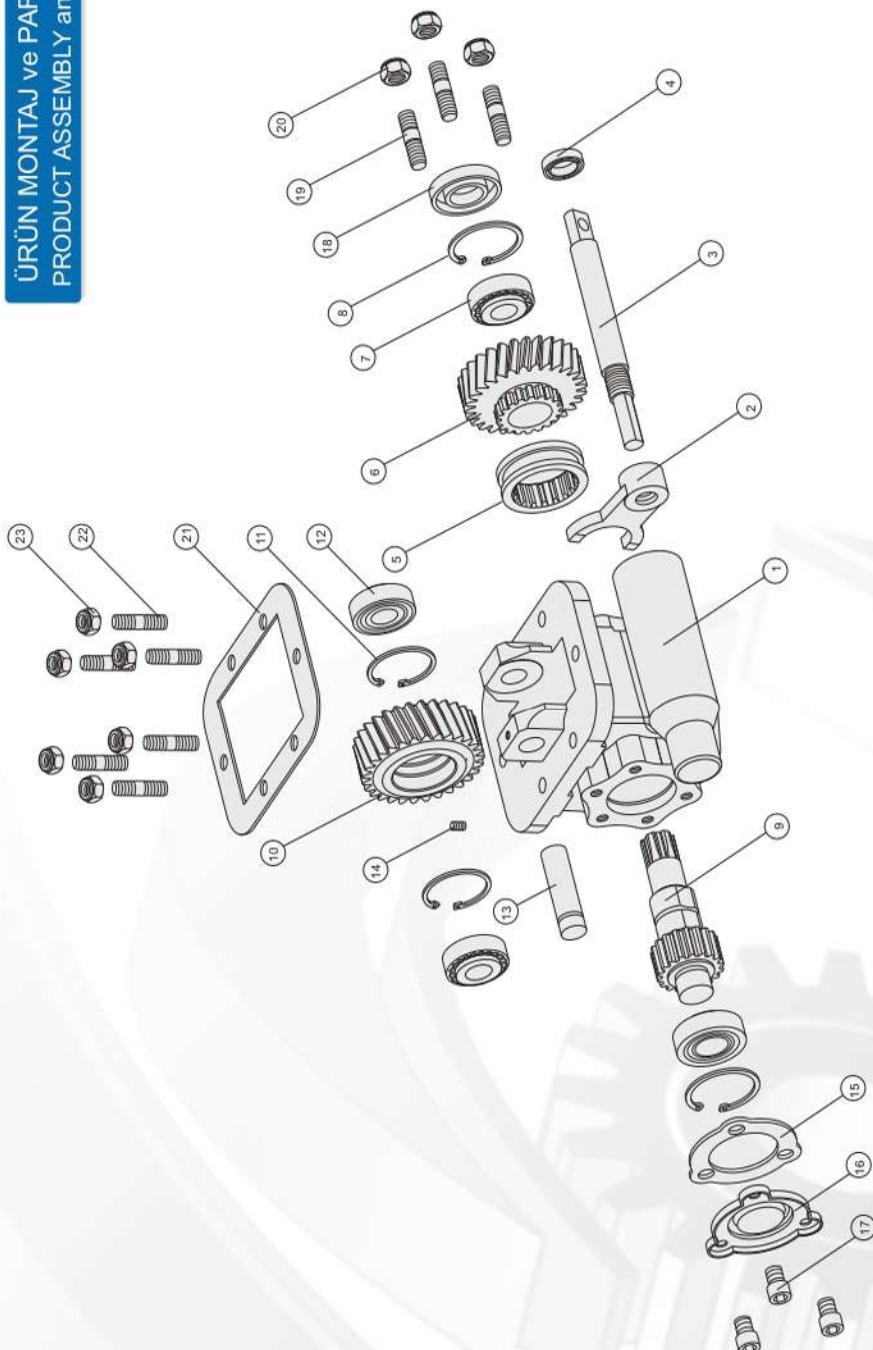
POWER TAKE OFF
P.T.O.

POWER TAKE OFF

P.T.O.

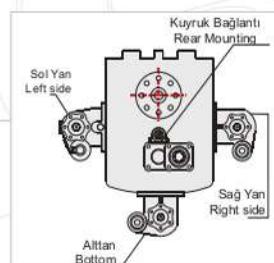
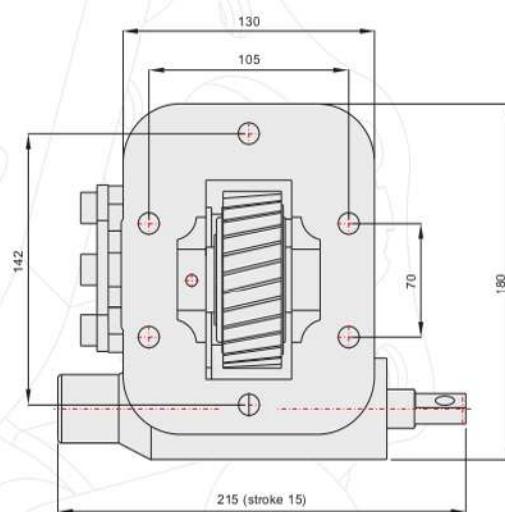
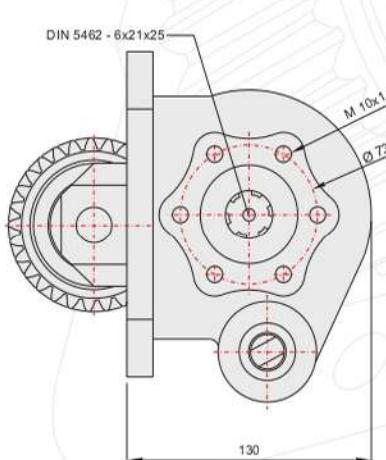
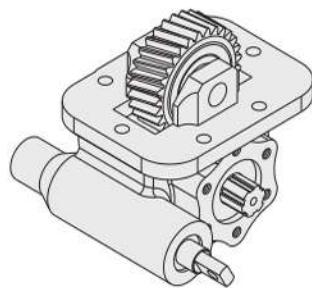
P

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50618512-01
1	2	Hilal	50618512-02
1	3	Kümandı Mili	50618512-03
1	4	20x30x7 Keçe	50618512-04
1	5	Senkromeç	50618512-05
1	6	Moy Cr Alt Dişli	50618512-06
2	7	30205 Rulman	50618512-07
2	8	472-52 Segman	50618512-08
1	9	6x18 Alt Mili	50618512-09
1	10	Moy Cr Üst Dişli	50618512-10
2	11	472-47 Segman	50618512-11
6	22	M10x16 Cıvata	50618512-22
43		TOPLAM PARÇA SAYISI	

Adet	Parça No	Parça Adı	Kod
2	12	30204 Rulman	50618512-12
1	13	6x6 Alt Mili	50618512-13
1	14	Mbb 6p Üst Dişli	50618512-14
1	15	30204 Rulman	50618512-15
1	16	20.5x40x14 Pul	50618512-16
3	17	Üst Mili	50618512-17
1	18	20.5x40x11 Pul	50618512-18
3	19	M6x10 Setskur	50618512-19
9	20	Conta	50618512-20
1	21	Plo Yan Kapak	50618512-21
6	22	M10x16 Cıvata	50618512-22
43		TOPLAM PARÇA SAYISI	

50618512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE		
	50618512	
Tork / Torque	23 Kgm	225 Nm
Güç(1000 rpm) / Power	29,4 Hp	22 Kw
Devir / Speed	1000 rpm	1000 rpm
Oran / Ratio	1/1,03	1/1,03
Ağırlık / Weight	13 kg	28,6 lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Mekanik	Mechanic
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox
MOY-9F/MOY-9H/MOYCR
Kullanılan Bazı Araçlar / Used Vehicles
**4,3 NPR 66-71-75-77 ISUZU
CHAMPION (2005-2006) / NKR 250
/ NKR 66 E2L**

P

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

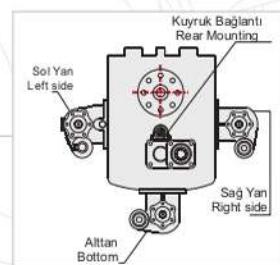
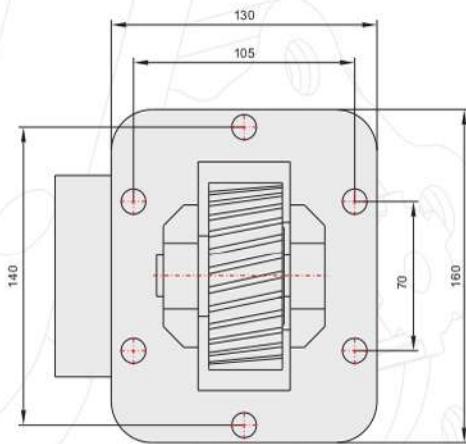
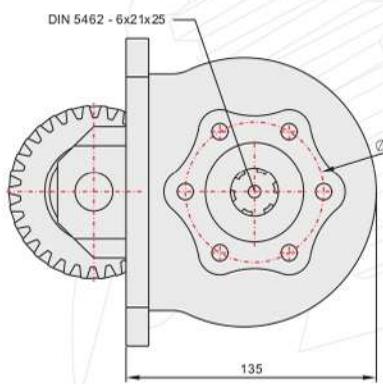
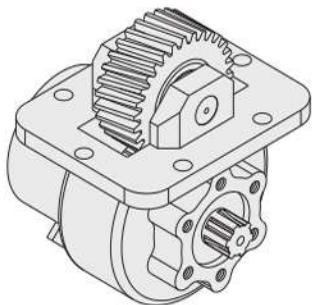


ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50622512-01
1	2	Yay	50622512-02
1	3	V-Pto Kavrama	50622512-03
1	4	65,1x3,53 O-ring	50622512-04
1	5	72,15x81x1,7 Destek Ringi	50622512-05
1	6	70x80x3,25 Nutring	50622512-06
1	7	Vakum Pistonu	50622512-07
1	8	67x4 O-ring	50622512-08
1	9	Pto Yan Kapak	50622512-09
1	10	472-80 Segman	50622512-10
1	11	6005 Rulman	50622512-11
1	12	6x12 Mill	50622512-12
1	13	Moyer V-Alt Disli	50622512-13
1	14	472-52 Segman	50622512-14
1	15	Conta	50622512-15
3	16	M10x45 Saplama	50622512-16
9	17	M10 Somun	50622512-17
1	18	Üst Mill	50622512-18
2	19	472-47 Segman	50622512-19
2	20	30204 Rulman	50622512-20
1	21	Moyer V-Üst Disli	50622512-21
1	22	Conta	50622512-22
6	23	M10x1,5x1,25 Saplama	50622512-23

TOPLAM PARÇA SAYISI
40

50622512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50622512	
Tork / Torque	- Kgm	- Nm
Güç(1000 rpm) / Power	- Hp	- Kw
Devir / Speed	625 rpm	625 rpm
Oran / Ratio	1/1,03	1/1,03
Ağırlık / Weight	13 kg	28,65 lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Vakumlu	Vacum
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

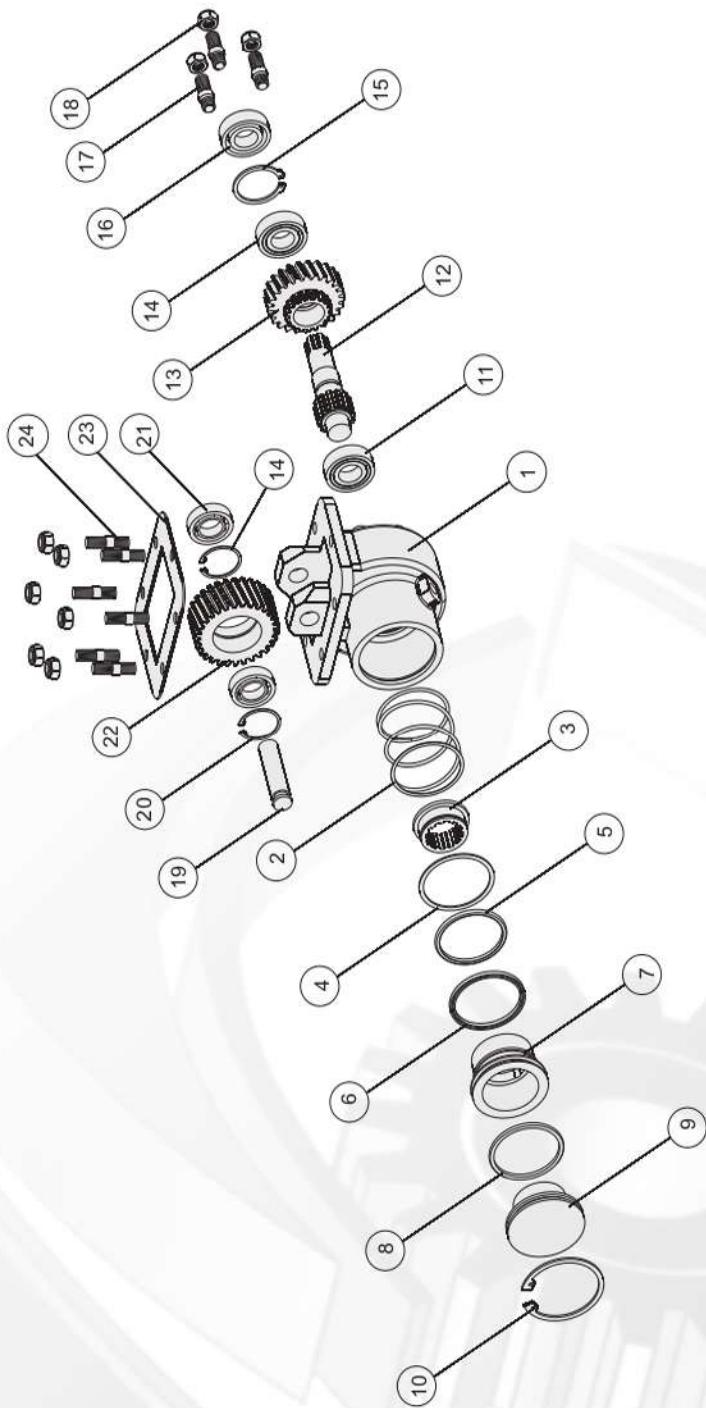
Ana Şanziman / Gearbox
MYY-5T / MYY-6P / MYY-5A
Kullanılan Bazi Araçlar / Used Vehicles
**4,3 NPR 70 ISUZU CHAMPION(2005)
NKR 66 E-NPR 66 P-NQR 71 R**

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

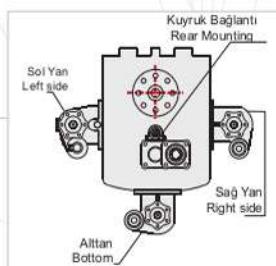
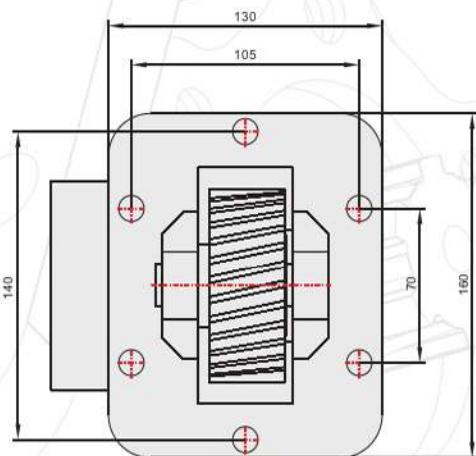
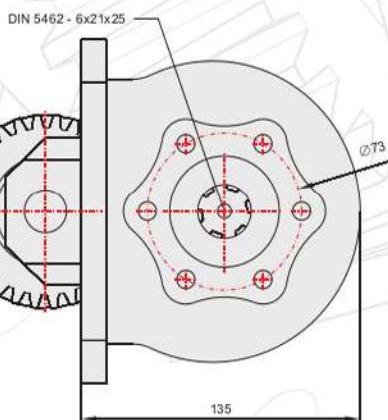
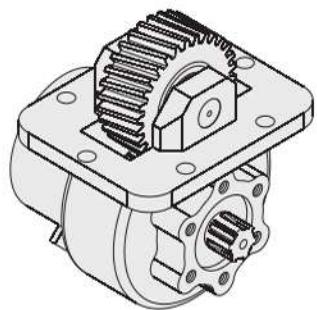


ÜRÜN MONTAJ J ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50626512 -01
1	2	Yay	50626512 -02
1	3	V-Pro Kavrama	50626512 -03
1	4	65.1x3.53 O-ring	50626512 -04
1	5	72.15x8.1x1.7 Destek Ringi	50626512 -05
1	6	70x80x3.25 Nutring	50626512 -06
1	7	Vakum Pistonu	50626512 -07
1	8	67x4 O-ring	50626512 -08
1	9	Pto Yan Kapak	50626512 -09
1	10	472-80 Segman	50626512 -10
1	11	6005 Rulman	50626512 -11
1	12	6x12 Mill	50626512-12
1	13	Myy5t V-Alttı Dislı	50626512-13
1	14	6205 Rulman	50626512-14
1	15	472-52 Segman	50626512-15
1	16	25x52x10 Kçece	50626512-16
3	17	M10x45 Saplama	50626512-17
9	18	M10 Somun	50626512-18
1	19	Üst Mill	50626512-19
2	20	472-47 Segman	50626512-20
2	21	30204 Rulman	50626512-21
1	22	Myy5t V-Ust Dislı	50626512-22
1	23	Conta	50626512-23
6	24	M10x1.5x1.25 Saplama	50626512-24
41		TOPLAM PARÇA SAYISI	

Adet	Parça No	Parça Adı
1	12	6x12 Mill
1	13	Myy5t V-Alttı Dislı
1	14	6205 Rulman
1	15	472-52 Segman
1	16	25x52x10 Kçece
3	17	M10x45 Saplama
9	18	M10 Somun
1	19	Üst Mill
2	20	472-47 Segman
2	21	30204 Rulman
1	22	Myy5t V-Ust Dislı
1	23	Conta
6	24	M10x1.5x1.25 Saplama
41		TOPLAM PARÇA SAYISI

50626512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50626512	
Tork / Torque	23 Kgm	225 Nm
Güç(1000 rpm) / Power	29,4 Hp	22 Kw
Devir / Speed	1000 rpm	1000 rpm
Oran / Ratio	1/1,03	1/1,03
Ağırlık / Weight	13 kg	28,6 lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Vakumlu	Vacuum
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Ana Şanziman / Gearbox

MOY-9F/MOY-9H/MOYCR
4,3 NPR 66-71-75-77 ISUZU
CHAMPION (2005-2006) / NKR 250
/ NKR 66 E2L

Kullanılan Bazi Araçlar / Used Vehicles

The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

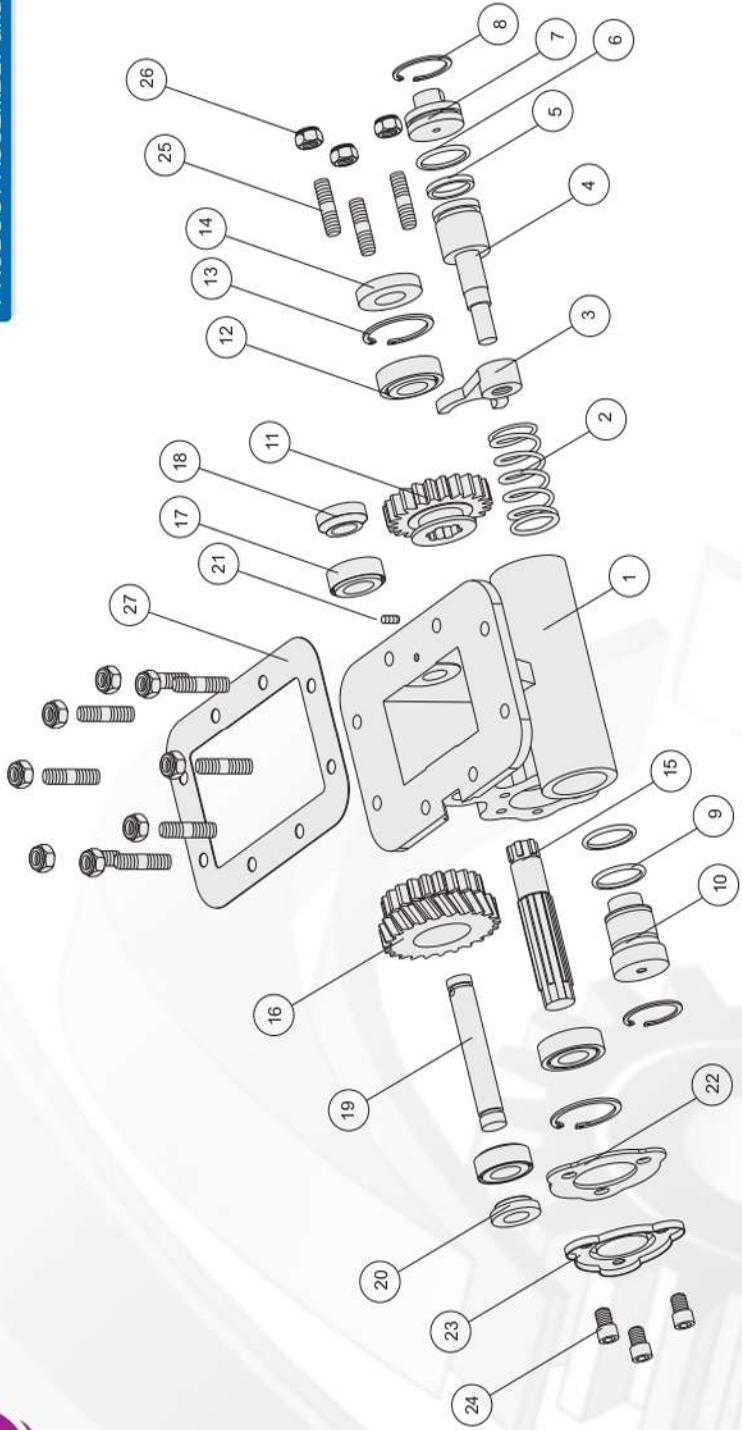
Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

ISUZU / MBP 6P

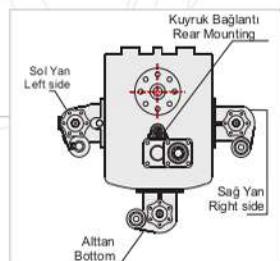
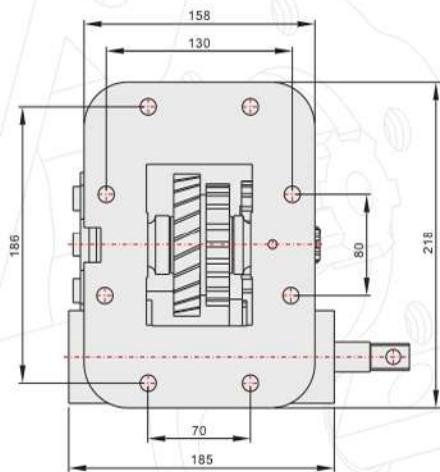
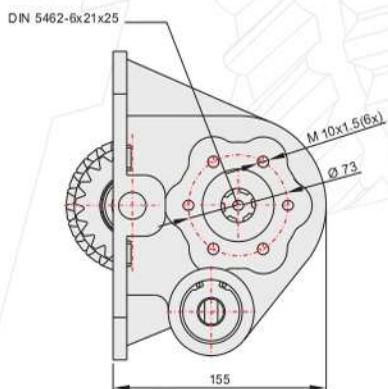
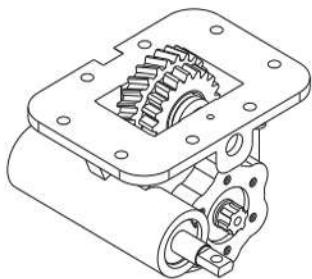
POWER TAKE OFF



 ÜRÜN MONTAJ ve PARÇA LİSTESİ
 PRODUCT ASSEMBLY and PART LIST


Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50616512-01
1	2	Pnömatik Yay	50616512-02
1	3	Hilal	50616512-03
1	4	Pnömatik Mil	50616512-04
1	5	31x38x4,5 Nutring	50616512-05
1	6	45,3x3 O-ring	50616512-06
1	7	Pnömatik Kapak	50616512-07
2	8	472x45 Segman	50616512-08
2	9	38,3x3 O-ring	50616512-09
1	10	Pnömatik Kapak 2	50616512-10
1	11	Mbp 6p Alt Disli	50616512-11
2	12	60205 Rulman	50616512-12
2	13	472-52 Segman	50616512-13
1	14	25x52x10 Kege	50616512-14
54		TOPLAM PARÇA SAYISI	

Adet	Parça No	Parça Adı	Kod
1	15	6x6 Alt Mil	50616512-15
1	16	Mbp 6p Üst Disli	50616512-16
2	17	30204 Rulman	50616512-17
1	18	20,5x40x14 Pul	50616512-18
1	19	Üst Mil	50616512-19
1	20	20,5x40x11 Pul	50616512-20
1	21	M6x10 Setskuri	50616512-21
1	22	Conia	50616512-22
1	23	Plo Yan Kapak	50616512-23
3	24	M10x16 Civata	50616512-24
11	25	M10x45 Saplama	50616512-25
11	26	M10 Somun	50616512-26
1	27	Conia	50616512-27

50616512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50616512	
Tork / Torque	18 Kgm	176,6 Nm
Güç(1000 rpm) / Power	14,2 Hp	10,6 Kw
Devir / Speed	550 rpm	550 rpm
Oran / Ratio	1/0,95	1/0,95
Ağırlık / Weight	13 kg	28,7 lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Mekanik	Mechanic
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox

MBP-6P/MBF-5C/MBG-6P-6Q/
MBD-5A

Kullanılan Bazı Araçlar / Used Vehicles

NQR 4,8 TURBO ISUZU / NQR 70 P

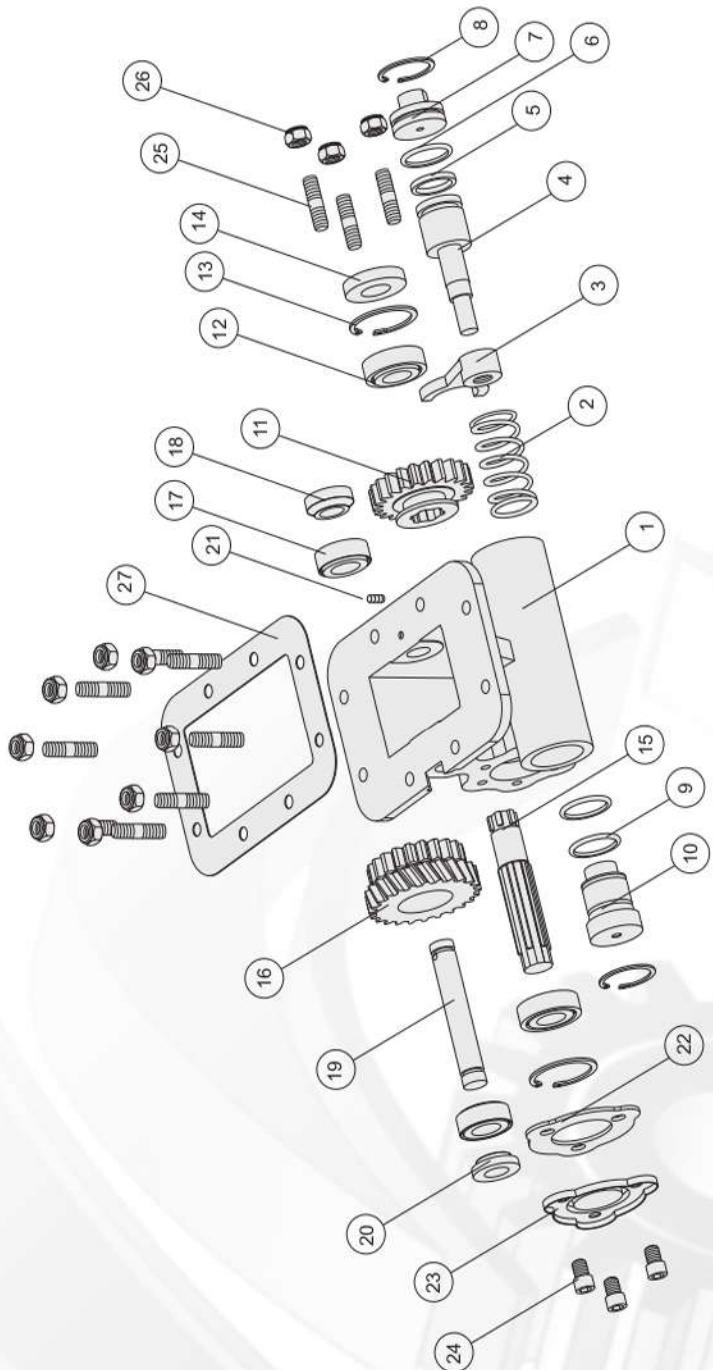
P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF
P.T.O.
P

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST

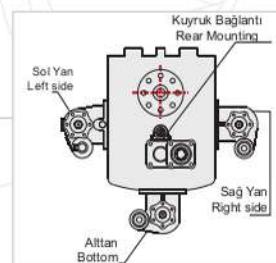
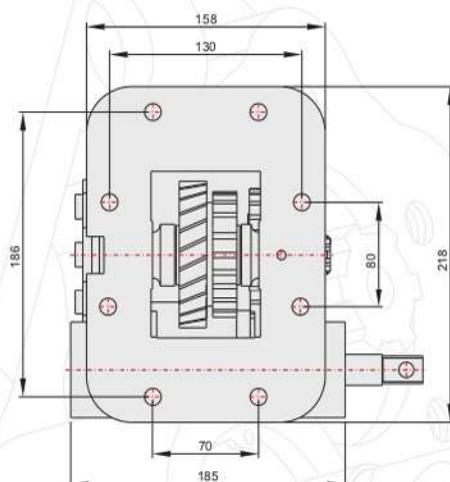
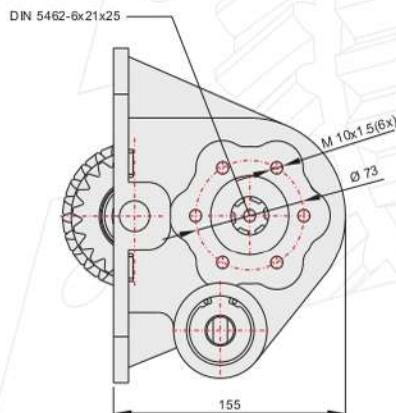
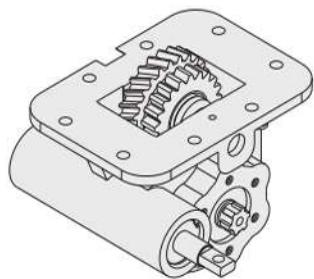
POWER TAKE OFF

P.T.O.



ISUZU MOZ 06

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50620512-01
1	2	Pnömatik Yay	50620512-02
1	3	Hilal	50620512-03
1	4	Pnömatik Mil	50620512-04
1	5	31x38x4,5 Nutring	50620512-05
1	6	45,3x3 O-ring	50620512-06
1	7	Pnömatik Kapak	50620512-07
2	8	472x45 Segman	50620512-08
2	9	38,3x3 O-ring	50620512-09
1	10	Pnömatik Kapak 2	50620512-10
1	11	Moz 06 Alt Disli	50620512-11
2	12	60205 Rulman	50620512-12
2	13	472-52 Segman	50620512-13
1	14	25x52x10 Keşf	50620512-14
54		TOPLAM PARÇA SAYISI	

50620512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50620512	
Tork / Torque	21,6 Kgm	212 Nm
Güç(1000 rpm) / Power	27,6 Hp	20,6 Kw
Devir / Speed	700 rpm	700 rpm
Oran / Ratio	1/0,95	1/0,95
Ağırlık / Weight	14 kg	30,86 lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Mekanik	Mechanic
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Ana Şanziman / Gearbox

MOZ-06 / MZZ-6U / MZZ-6W /
MZZ-5L / MZZ-6C

Kullanılan Bazı Araçlar / Used Vehicles

NQR 4,8 3D TURBO ISUZU (2005)

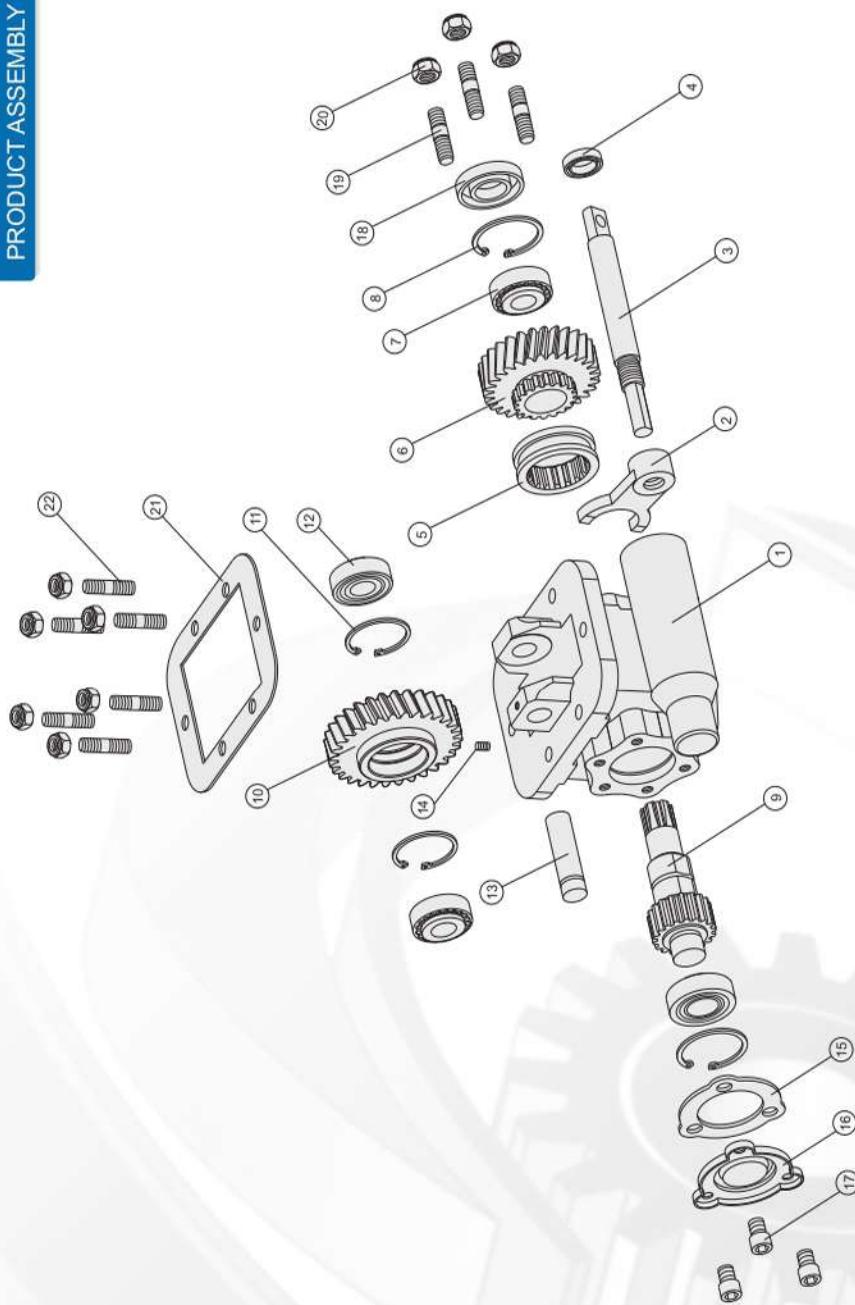
P

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.



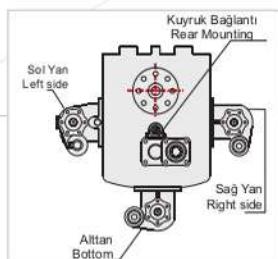
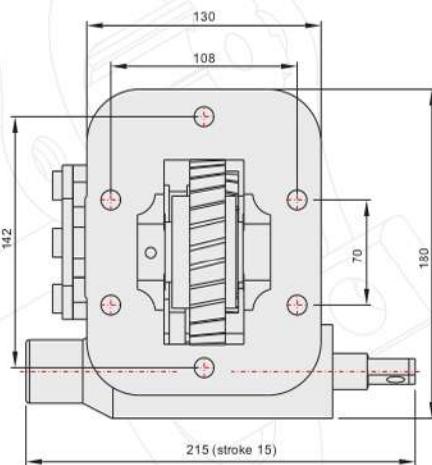
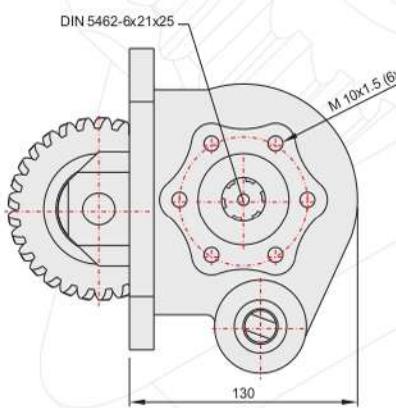
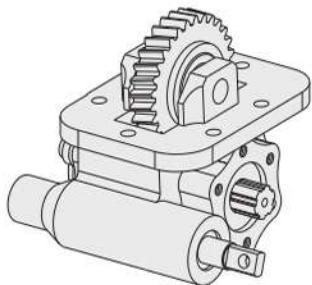
ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



ISUZU HINO

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50624512-01
1	2	Hilal	50624512-02
1	3	Kumanda Mili	50624512-03
1	4	20x30x7 Keçe	50624512-04
1	5	Seriromeç	50624512-05
1	6	Hino Alt Dişli	50624512-06
2	7	30205 Rulman	50624512-07
2	8	472-52 Segman	50624512-08
1	9	6x18 Alt Mili	50624512-09
1	10	Hino Üst Dişli	50624512-10
2	11	472-47 Segman	50624512-11
6	12	30204 Rulman	50624512-12
1	13	Üst Mili	50624512-13
1	14	M6x10 Seiskur	50624512-14
1	15	Conta	50624512-15
1	16	Pto Yan Kapak	50624512-16
3	17	M10x16 Civata	50624512-17
1	18	25x52x10 Keçe	50624512-18
3	19	M10x45 Sapalama	50624512-19
9	20	M10 Somun	50624512-20
1	21	Conta	50624512-21
6	22	M10x1.5x125 Saplama	50624512-22
43		TOPLAM PARÇA SAYISI	

50624512


GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50624512	
Tork / Torque	18,6 Kgm	182,4 Nm
Güç(1000 rpm) / Power	15,4 Hp	11,5 Kw
Devir / Speed	600 rpm	600 rpm
Oran / Ratio	1/1,28	1/1,28
Ağırlık / Weight	11 kg	24,3lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Mekanik	Mechanic
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox

 33111-2065 / 08 V 0484 / 07 L 108
LE 05 S / LH 06 S

Kullanılan Bazı Araçlar / Used Vehicles

HINAL 100 / FB 112 SA 11Y0563

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

MK

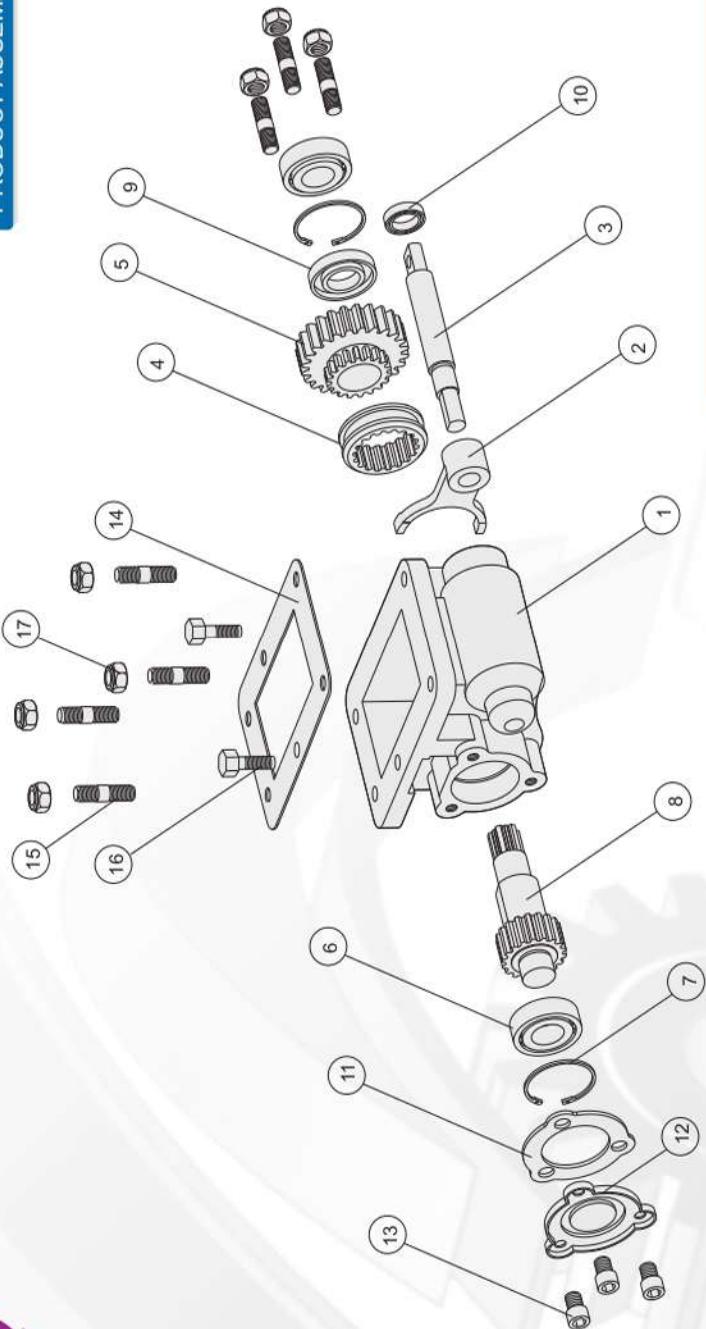
MITSUBISHI / M1S5

POWER TAKE OFF

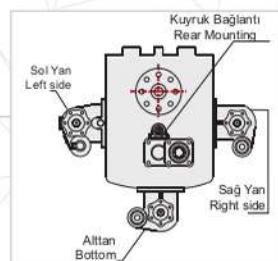
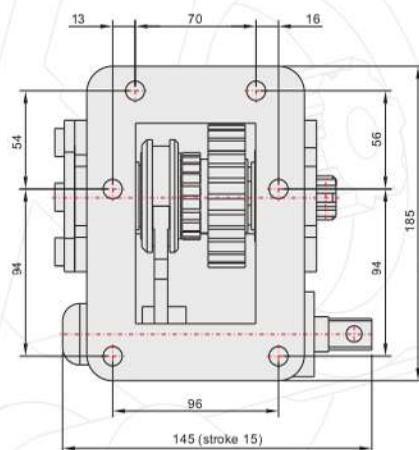
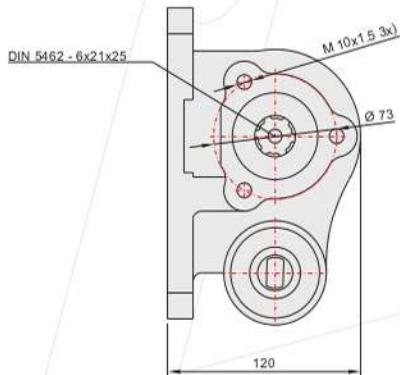
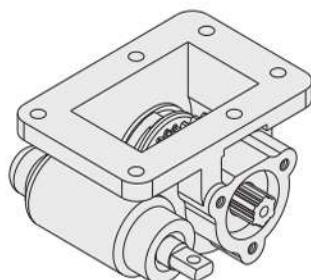
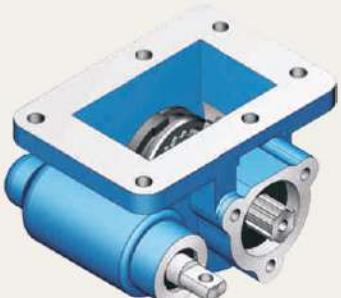
P.T.O.

P

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



MITSUBISHI M1S5		Kod
Adet	Parça No	Parça Adı
1	1	Gövde
1	2	Hilal
1	3	Kumanda Mili
1	4	Senkromeç
1	5	M1S5 Disli
2	6	30205 Rulman
2	7	472-52 Segman
1	8	6x18 Mili
1	9	25x52x10 Kece
1	10	20x30x7 Kece
1	11	Conta
1	12	Plo Yan Kapak
3	13	M10x16 Civata
1	14	Conta
7	15	M10x45 Saplama
2	16	M10x30 Civata
7	17	M10 Sormun
34		TOPLAM PARÇA SAYISI

50710512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE		
50710512		
Tork / Torque	18,2 Kgm	178,5 Nm
Güç(1000 rpm) / Power	9,4 Hp	7 Kw
Devir / Speed	375 rpm	375 rpm
Oran / Ratio	1/1	1/1
Ağırlık / Weight	6 kg	13,2lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Mekanik	Mechanic
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox

M1S5-M2S5-M3S5

Kullanılan Bazı Araçlar / Used Vehicles

444-449 CANTER MITSUBISHI(704)

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

MK

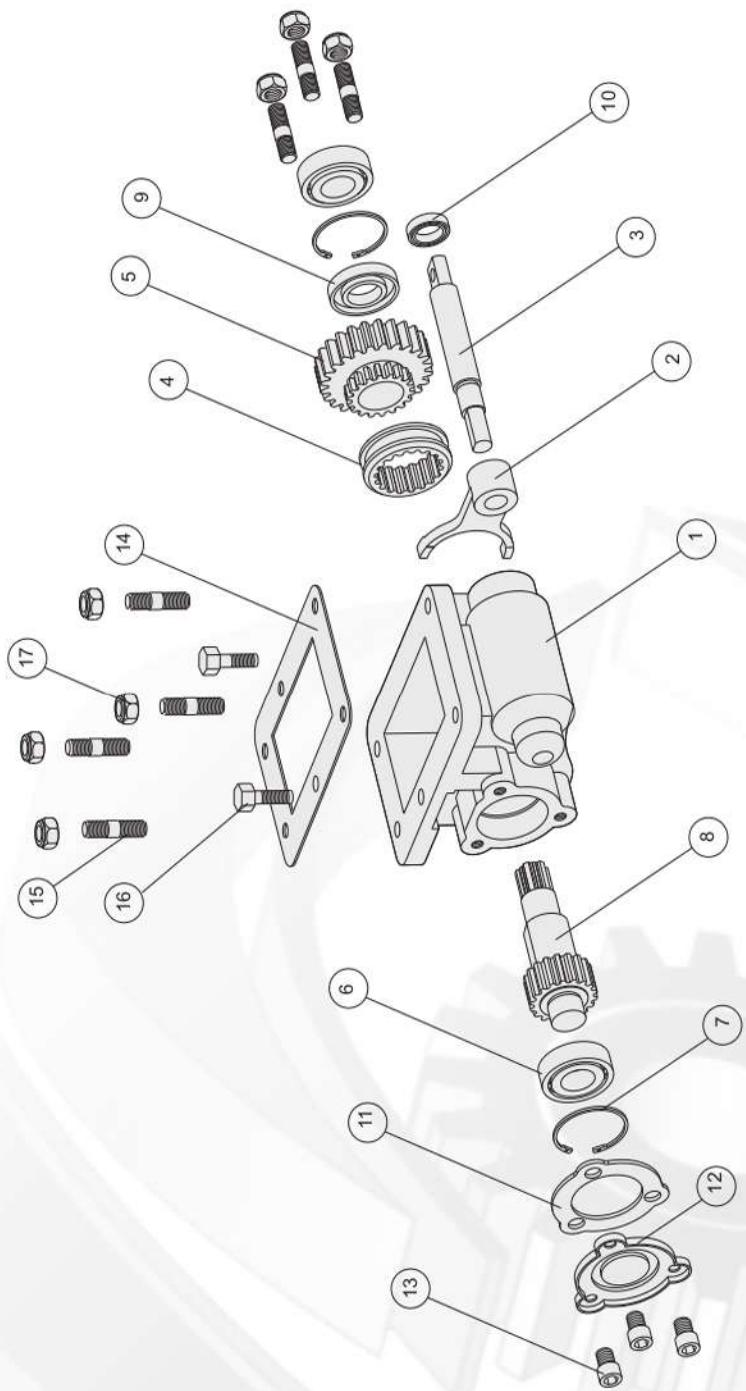
MITSUBISHI / MO15S5

POWER TAKE OFF

P.T.O.

P

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST

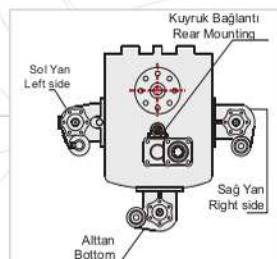
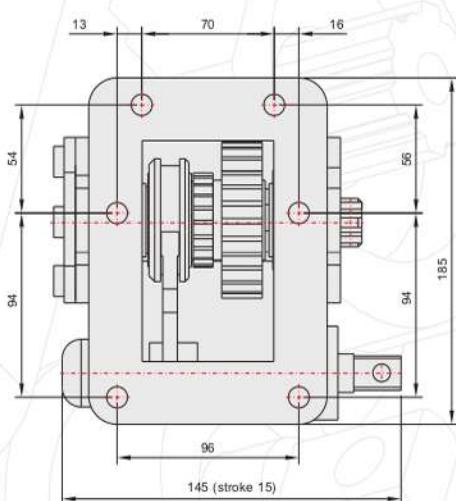
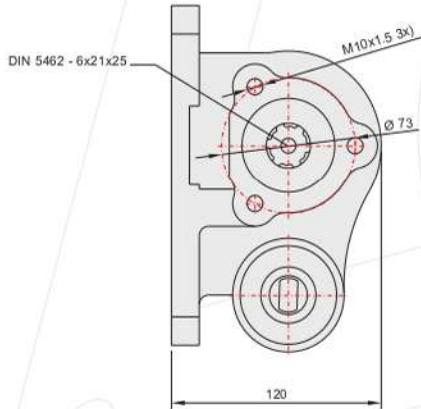
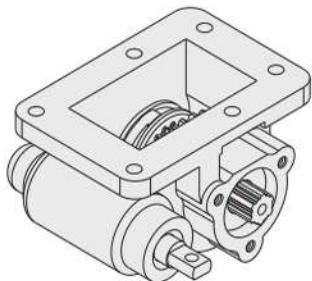


MITSUBISHI MO15S5

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50712512-01
1	2	Hilal	50712512-02
1	3	Kumanda Mili	50712512-03
1	4	Senkromec	50712512-04
1	5	Mo15S5 Disli	50712512-05
2	6	30205 Rulman	50712512-06
2	7	472-52 Segman	50712512-07
1	8	6x18 Mili	50712512-08
1	9	25x52x10 Keçe	50712512-09

Adet	Parça No	Parça Adı	Kod
1	10	20x30x7 Keçe	50712512-10
1	11	Conta	50712512-11
1	12	Pla Yan Kapak	50712512-12
3	13	M10x16 Civata	50712512-13
1	14	Conta	50712512-14
7	15	M10x45 Saplama	50712512-15
2	16	M10x30 Civata	50712512-16
7	17	M10 Somun	50712512-17
34		TOPLAM PARÇA SAYISI	

50712512


GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50712512	
Tork / Torque	24 Kgm	235,5 Nm
Güç(1000 rpm) / Power	11,7 Hp	8,7 Kw
Devir / Speed	375 rpm	375 rpm
Oran / Ratio	1/1	1/1
Ağırlık / Weight	6 kg	13,2lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Mekanik	Mechanic
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox

MO 15 S 5

Kullanılan Bazı Araçlar / Used Vehicles

FE 511-711 MUTSUBISHI

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

MK

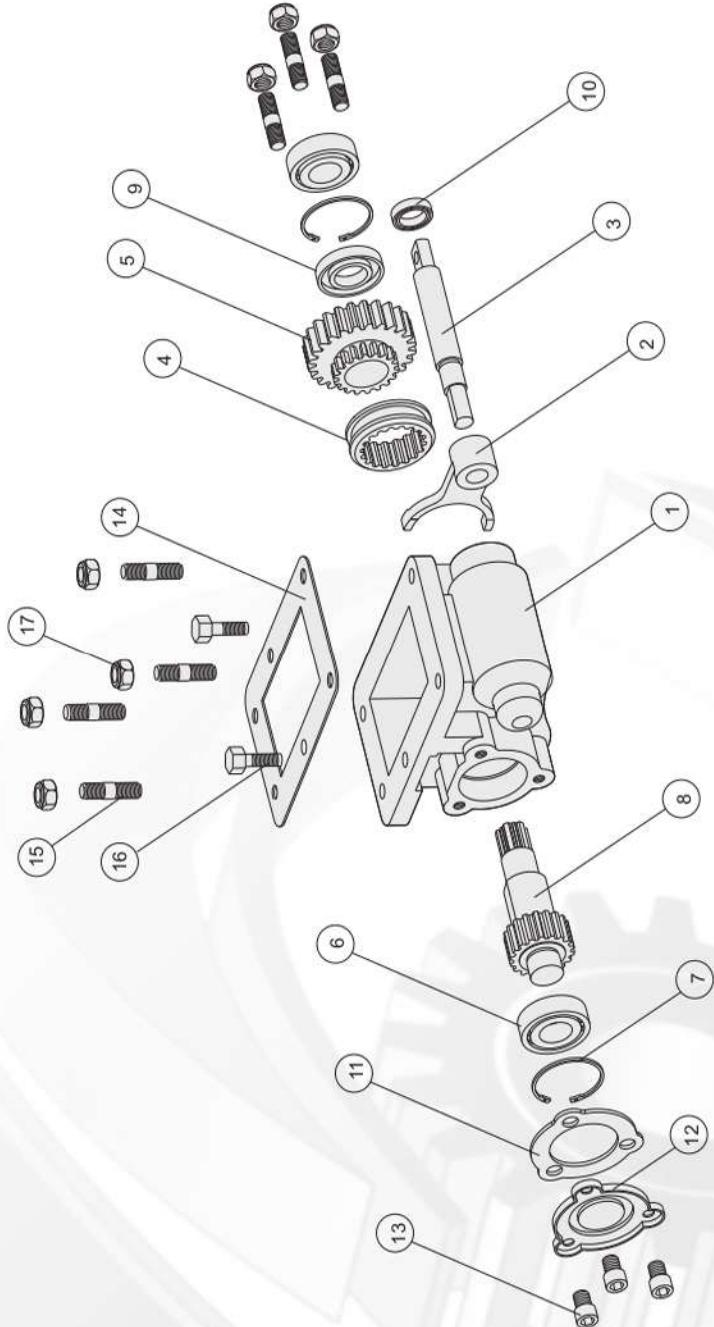
MITSUBISHI MO25S5

POWER TAKE OFF

P.T.O.

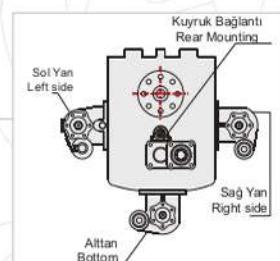
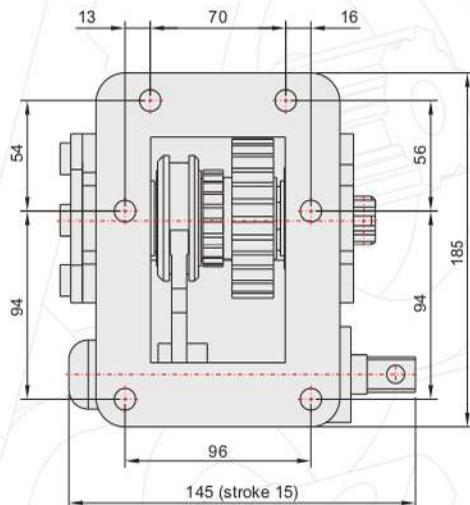
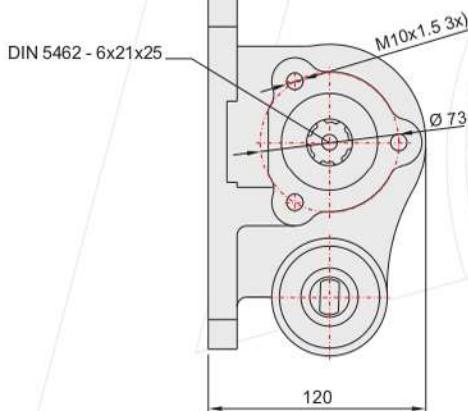
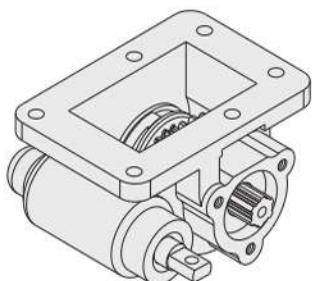
P

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



MITSUBISHI MO25S5

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50714512-01
1	2	Hilal	50714512-02
1	3	Kumanda Mili	50714512-03
1	4	Senkromec	50714512-04
1	5	Mo25S5 Disli	50714512-05
2	6	30205 Rulman	50714512-06
2	7	472-52 Segman	50714512-07
1	8	6x18 Mil	50714512-08
1	9	25x52x10 Keçe	50714512-09
34		TOPLAM PARÇA SAYISI	

50714512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50714512	
Tork / Torque	21,1 Kgm	207 Nm
Güç(1000 rpm) / Power	10,2 Hp	7,6 Kw
Devir / Speed	350 rpm	350 rpm
Oran / Ratio	1/1	1/1
Ağırlık / Weight	6 kg	13,2 lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Mekanik	Mechanic
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox

MO 25 S 5

Kullanılan Bazı Araçlar / Used Vehicles

635 FE 515-FE-519 FE-FE 534- FE 544
-FB 634-FE 639 C-839-859 G
MITSUBISHI (739) FE 130 C1 CANTER
2.0 SUPER LOW

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

MK

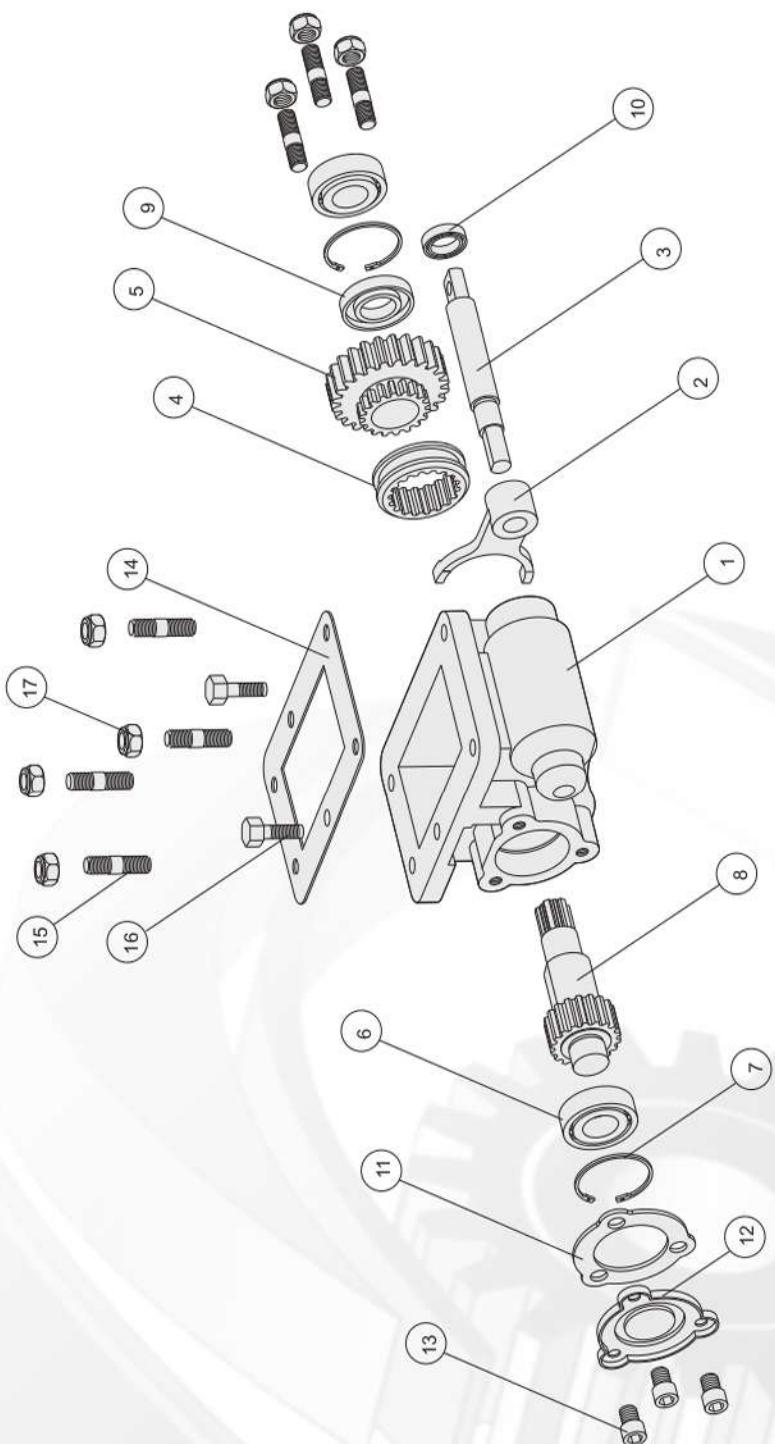
MITSUBISHI / MO35S5

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST

POWER TAKE OFF

P.T.O.

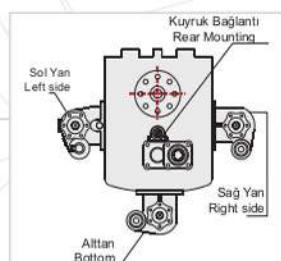
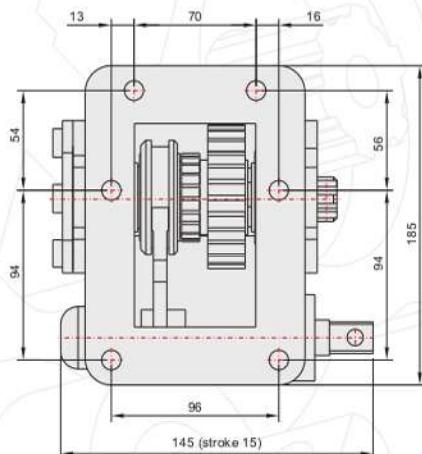
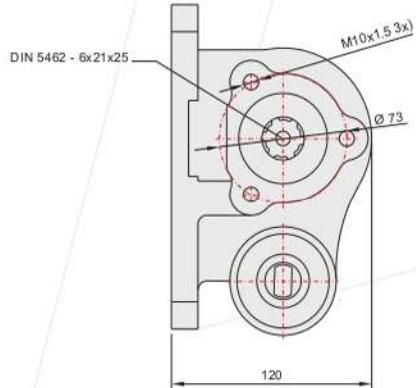
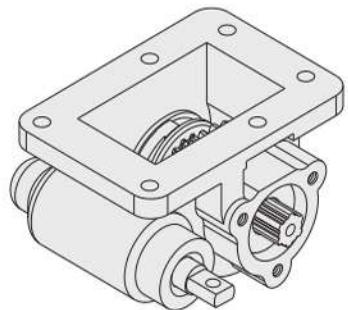
P



MITSUBISHI MO35S5

Adet	Parça No	Parça Adı	Kod
1	50716512-01	Gövde	50716512-10
1	50716512-02	Hilal	50716512-11
1	50716512-03	Kumanda Mili	50716512-12
1	50716512-04	Senkromec	50716512-13
1	50716512-05	Mo35S5 Dişli	50716512-14
2	50716512-06	30205 Rulman	50716512-15
2	50716512-07	472-52 Segman	50716512-16
1	50716512-08	6x18 Mili	50716512-17
1	50716512-09	25x52x10 Keçe	
34		TOPLAM PARÇA SAYISI	

Adet	Parça No	Parça Adı	Kod
1	10	20x30x7 Keçe	50716512-10
1	11	Conta	50716512-11
1	12	Pto Yan Kapak	50716512-12
3	13	M10x16 Civata	50716512-13
1	14	Conta	50716512-14
7	15	M10x45 Saplama	50716512-15
2	16	M10x30 Civata	50716512-16
7	17	M10 Sormun	50716512-17
34		TOPLAM PARÇA SAYISI	

50716512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50716512	
Tork / Torque	24,2 Kgm	237,4 Nm
Güç(1000 rpm) / Power	11,7 Hp	8,7 Kw
Devir / Speed	350 rpm	350 rpm
Oran / Ratio	1/1	1/1
Ağırlık / Weight	6 kg	13,2 lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Mekanik	Mechanic
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox

MO 35 S 5 / MO 35 T3

Kullanılan Bazı Araçlar / Used Vehicles

FE694-659-FE 859 E MITSUBISHI
(722) FE 150C1-150E1-FE150E2
CANTER2.0T / WIDE CAB FG 145C1
4x4 CANTER 2,5-FE 150W1 3,5T
150G1 4T-150G2 4,5T

POWER TAKE OFF

P.T.O.

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

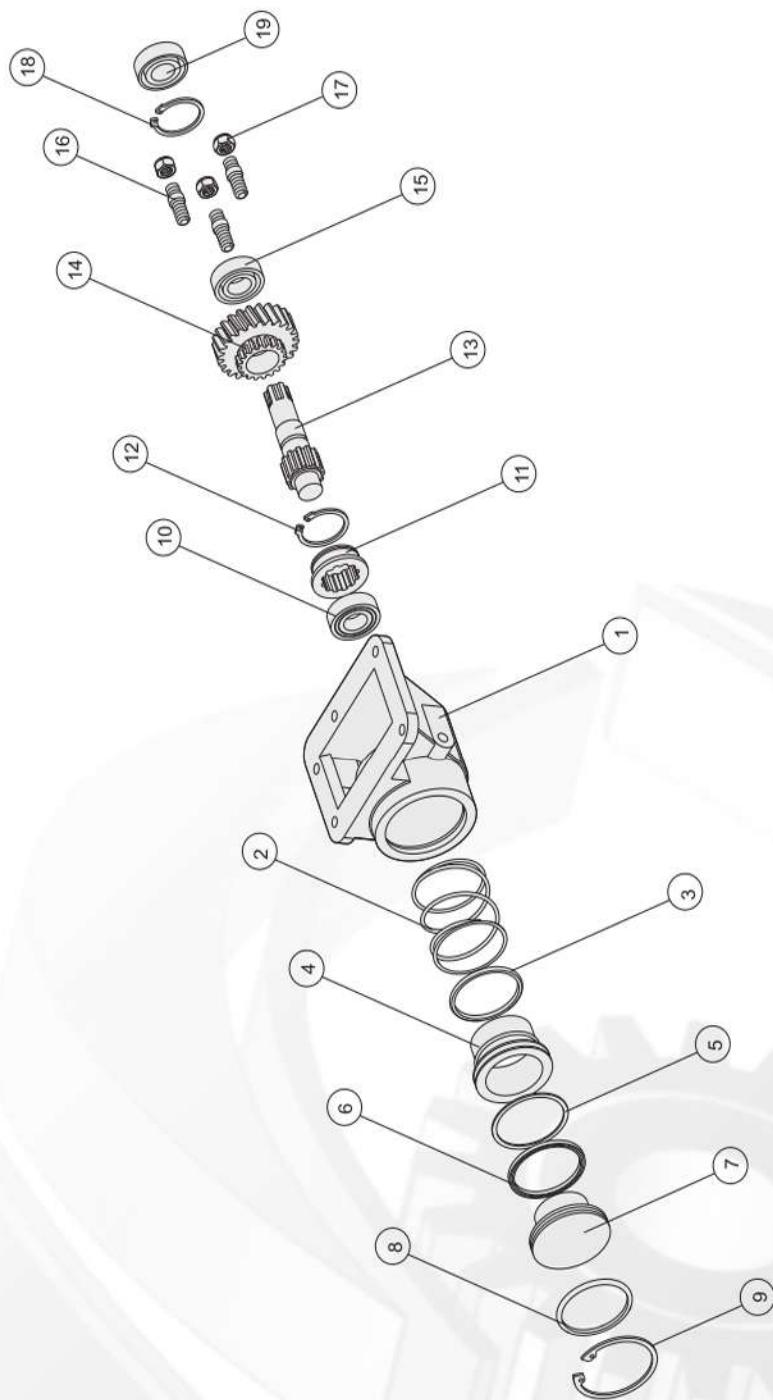
VK

MITSUBISHI / MO15S5

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST

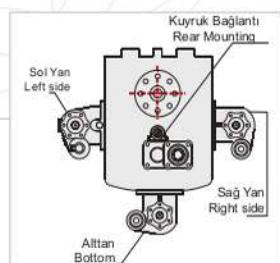
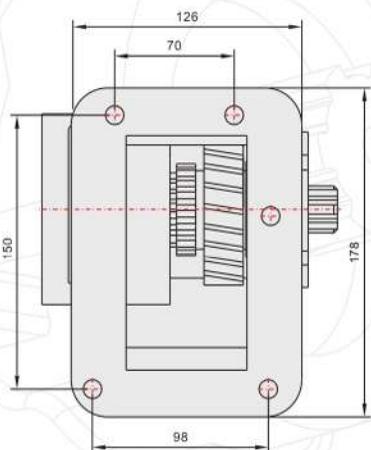
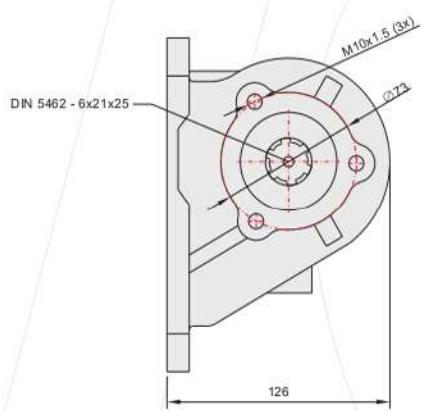
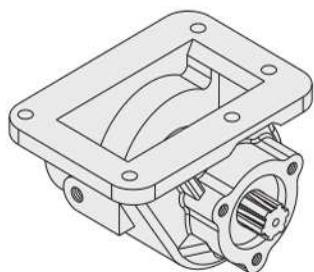
POWER TAKE OFF

P.T.O.



MITSUBISHI MO15S5

Adet	Parça No	Parça Adı	Kod
1	50720512-01	Gövde	50720512-11
1	2	Yay	471-50 Segman
1	3	65.1x3.53 O-ring	50720512-12
1	4	Vakum Pistonu	50720512-13
1	5	72.15x81x1.7 Destek Ringi	50720512-14
1	6	70x80x3.25 Nutring	50720512-15
1	7	Pto Yan Kapak	50720512-16
1	8	67x4 O-ring	50720512-17
1	9	47x280 Segman	50720512-18
1	10	6005 Rulman	50720512-19
23		TOPLAM PARÇA SAYISI	50720512-10

50720512


POWER TAKE OFF

P.T.O.

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50720512	
Tork / Torque	24 Kgm	235,5 Nm
Güç(1000 rpm) / Power	11,7 Hp	8,7 Kw
Devir / Speed	375 rpm	375 rpm
Oran / Ratio	1/1	1/1
Ağırlık / Weight	6 kg	13,2lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Vakumlu	Vacuum
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox

MO 15 S 5

Kullanılan Bazı Araçlar / Used Vehicles

FE 511-711 MUTSUBISHI

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

VK

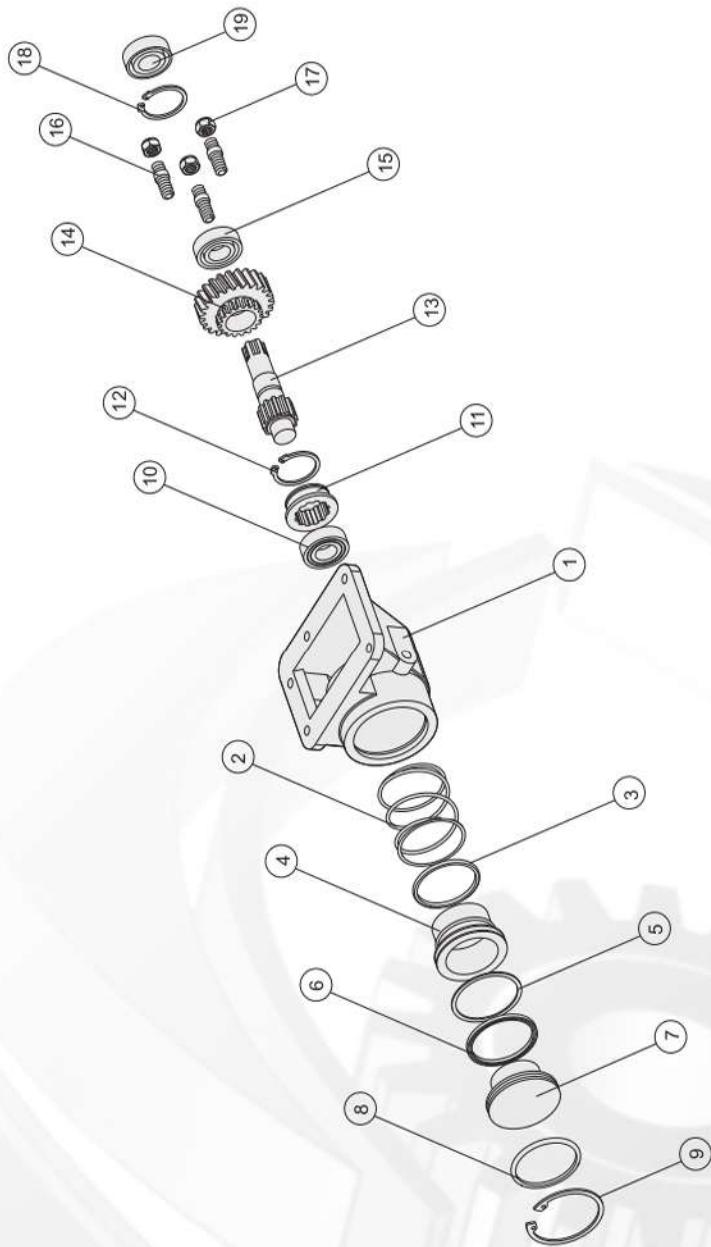
MITSUBISHI / MO25S5

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST

POWER TAKE OFF

P.T.O.

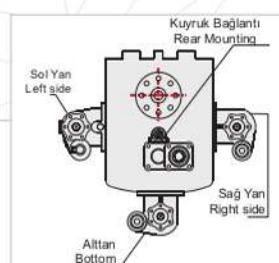
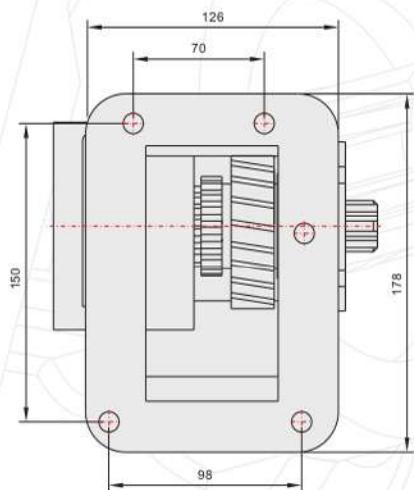
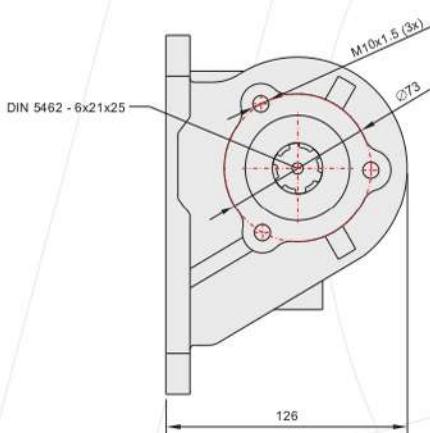
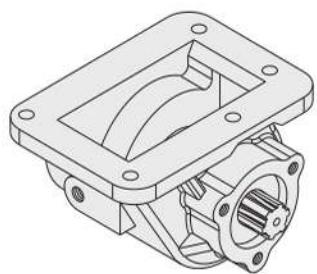
TP



MITSUBISHI MO25S5

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50722512-01
1	2	Yay	50722512-02
1	3	65.1x3.53 O-ring	50722512-03
1	4	Vakum Pistonu	50722512-04
1	5	72.15x81x17 Destek Ringi	50722512-05
1	6	70x80x3.25 Nutring	50722512-06
1	7	Pto Yan Kapak	50722512-07
1	8	67x4 O-ring	50722512-08
1	9	47x2x80 Segman	50722512-09
1	10	6005 Rulman	50722512-10
11	11	Senkromeç	50722512-11
12	12	471-50 Segman	50722512-12
13	13	6x12 Mili	50722512-13
14	14	Mo25s5 V-Dışılı	50722512-14
15	15	6205 Rulman	50722512-15
16	16	M10x45 Saplama	50722512-16
17	17	M10 Sıvımlı	50722512-17
18	18	472-52 Segman	50722512-18
19	19	25x52x10 Kece	50722512-19
23	23	TOPLAM PARÇA SAYISI	

50722512


GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE		50722512	
Tork / Torque	21,1 Kgm	207 Nm	
Güç(1000 rpm) / Power	10,2 Hp	7,6 Kw	
Devir / Speed	350 rpm	350 rpm	
Oran / Ratio	1/1	1/1	
Ağırlık / Weight	6 kg	13,2 lb	
Bağlantı / Mounting	Sol	Left	
Kumanda / Control	Vakumlu	Vacuum	
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI	

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox

MO 25 S 5

Kullanılan Bazı Araçlar / Used Vehicles

635 FE 515-FE-519 FE-FE 534- FE 544
-FB 634-FE 639 C-839-859 G
MITSUBISHI (739) FE 130 C1 CANTER
2.0 SUPER LOW

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

VK

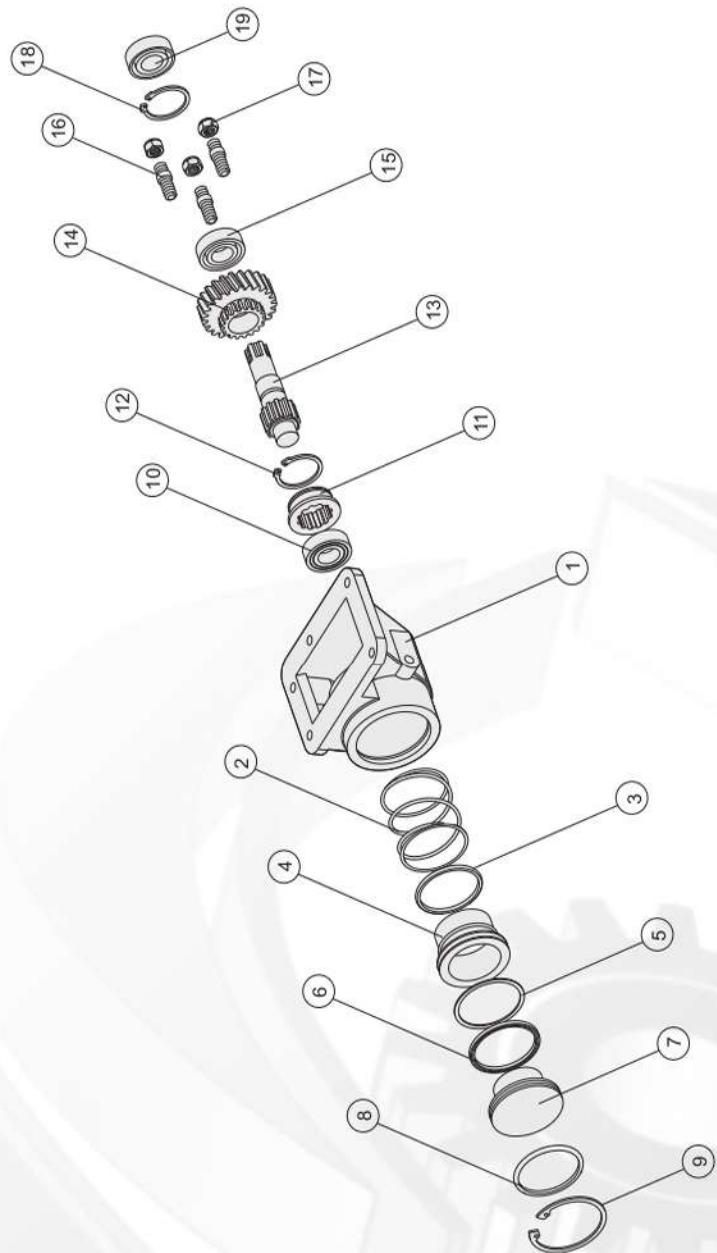
MITSUBISHI / MO35S5

POWER TAKE OFF

P.T.O.

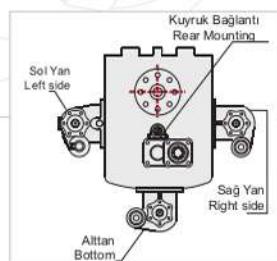
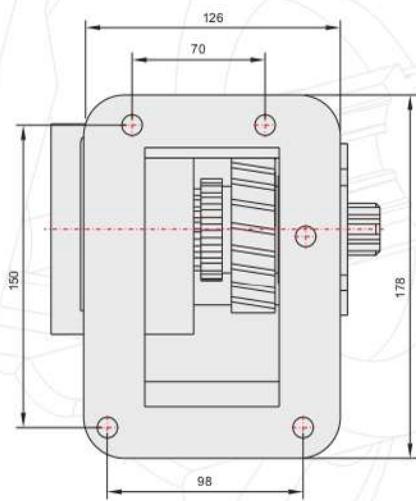
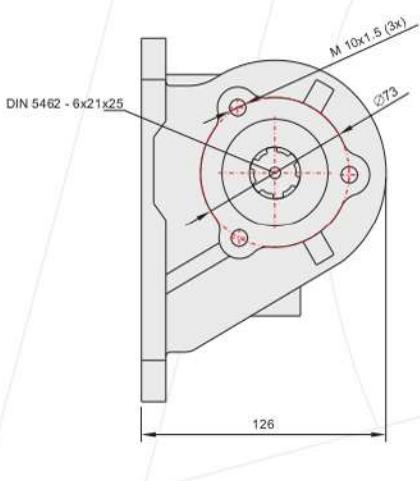
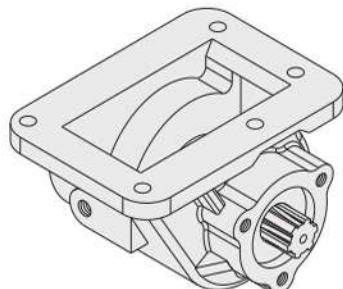
P

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



MITSUBISHI MO35S5

ADET	PARÇA NO	PARÇA ADI	KOD
1	50724512-01	Gövde	50724512-11
1	50724512-02	Yay	50724512-12
1	50724512-03	65.1x3.53 O-ring	50724512-13
1	50724512-04	Vakum Pistonu	50724512-14
1	50724512-05	72.15x81x17 Destek Ringi	50724512-15
1	50724512-06	70x80x3.25 Nutring	50724512-16
1	50724512-07	Pto Yan Kapak	50724512-17
1	50724512-08	67x4 O-ring	50724512-18
1	50724512-09	472x80 Segman	50724512-19
1	50724512-10	6005 Rulman	50724512-23
23		TOPLAM PARÇA SAYISI	

50724512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50724512	
Tork / Torque	24,2 Kgm	237,4 Nm
Güç(1000 rpm) / Power	11,7 Hp	8,7 Kw
Devir / Speed	350 rpm	350 rpm
Oran / Ratio	1/1	1/1
Ağırlık / Weight	6 kg	13,2 lb
Bağlantı / Mounting	Sol	Left
Kumanda / Control	Vakumlu	Vacuum
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox
MO 35 S 5 / MO 35 T3
Kullanılan Bazı Araçlar / Used Vehicles

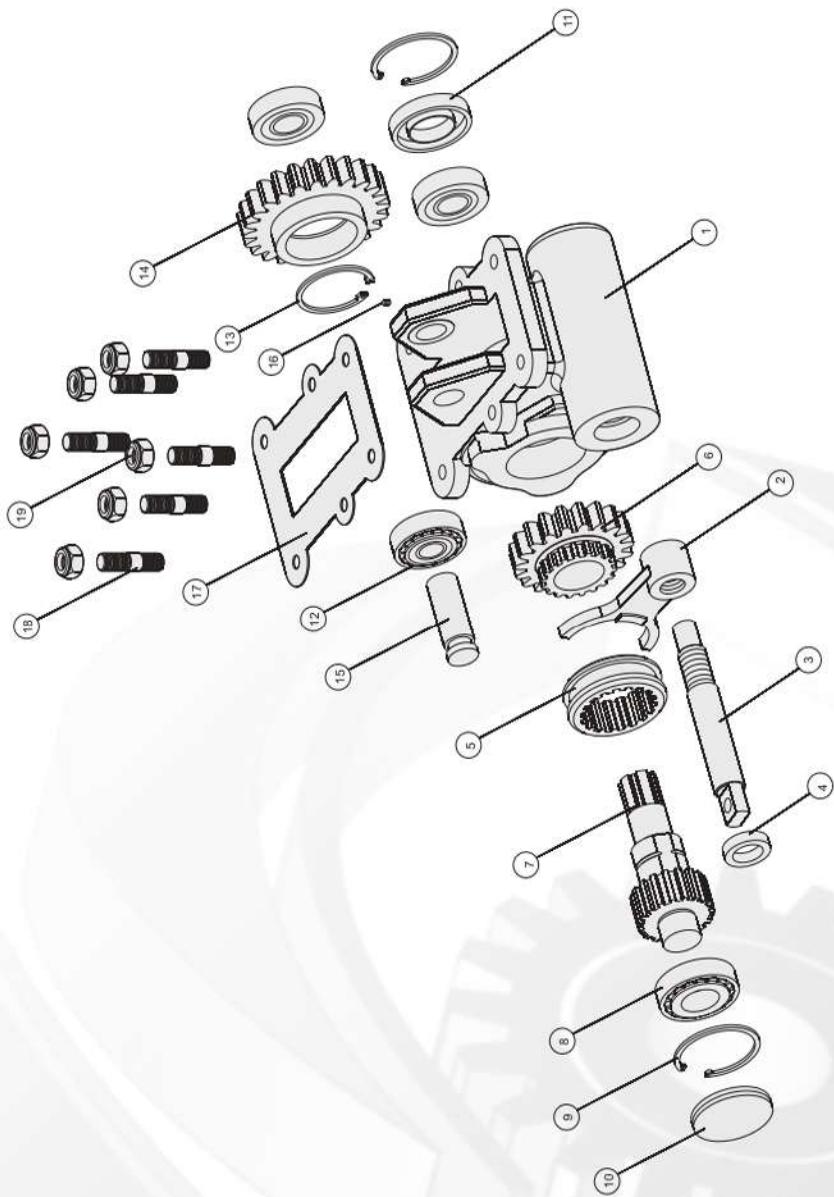
FE694-659-FE 859 E MITSUBISHI
(722) FE 150C1-150E1-FE150E2
CANTER2.0T / WIDE CAB FG 145C1
4x4 CANTER 2,5-FE 150W1 3,5T
150G14T-150G2 4,5T

P.T.O.

P

POWER TAKE OFF

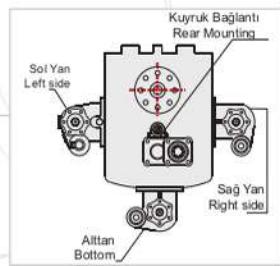
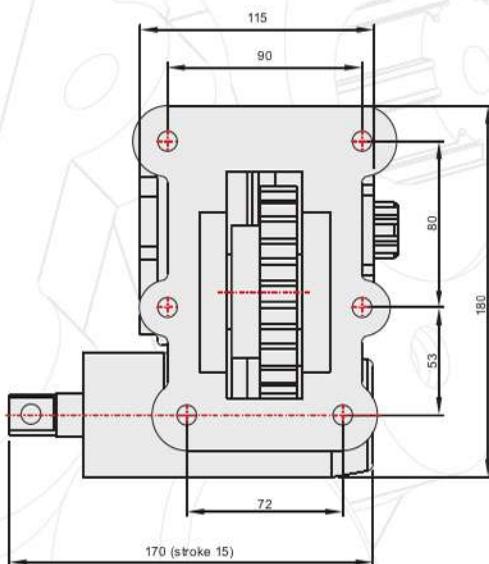
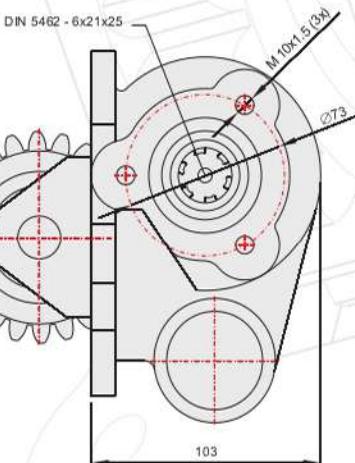
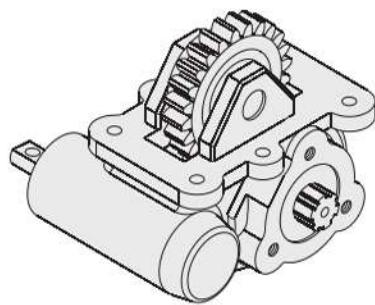
ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



IVECO 2828

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50840512 -01
1	2	Hilal	50840512 -02
1	3	Kumanda Mili	50840512 -03
1	4	20x30x7 Keçe	50840512 -04
1	5	Senkromec	50840512 -05
1	6	Alt Disli	50840512 -06
1	7	6x18-k Alt Mil	50840512 -07
2	8	30205 Rulman	50840512 -08
2	9	472-52 Segman	50840512 -09
1	10	4Tp-017 52x7 Kapak	50840512 -10
32		TOPLAM PARÇA SAYISI	

Adet	Parça No	Parça Adı	Kod
1	11	25x52x10 Kece	50840512 -11
2	12	30204 Rulman	50840512 -12
1	13	472-47 Segman	50840512 -13
1	14	Üst Disli	50840512 -14
1	15	Üst Mil	50840512 -15
1	16	M6x45 Saplama	50840512 -16
1	17	Conta	50840512 -17
6	18	M10x45 Saplama	50840512 -18
6	19	M10 Somun	50840512 -19
32		TOPLAM PARÇA SAYISI	

50840512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE		50840512	
Tork / Torque	15 Kgm	147 Nm	
Güç(1000 rpm) / Power	6,2 Hp	4,6 Kw	
Devir / Speed	300 rpm	300 rpm	
Oran / Ratio	1/1,26	1/1,26	
Ağırlık / Weight	9 kg	19.9 lb	
Bağlantı / Mounting	Sağ	Right	
Kumanda / Control	Mekanik	Mechanic	
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI	

Ana Şanziman / Gearbox

2828.5-2831.5-28028-28031

Kullanılan Bazı Araçlar / Used Vehicles

35.9-65.9-35 NC-50 NC-50.9-50.11 IVECO

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF

P.T.O.

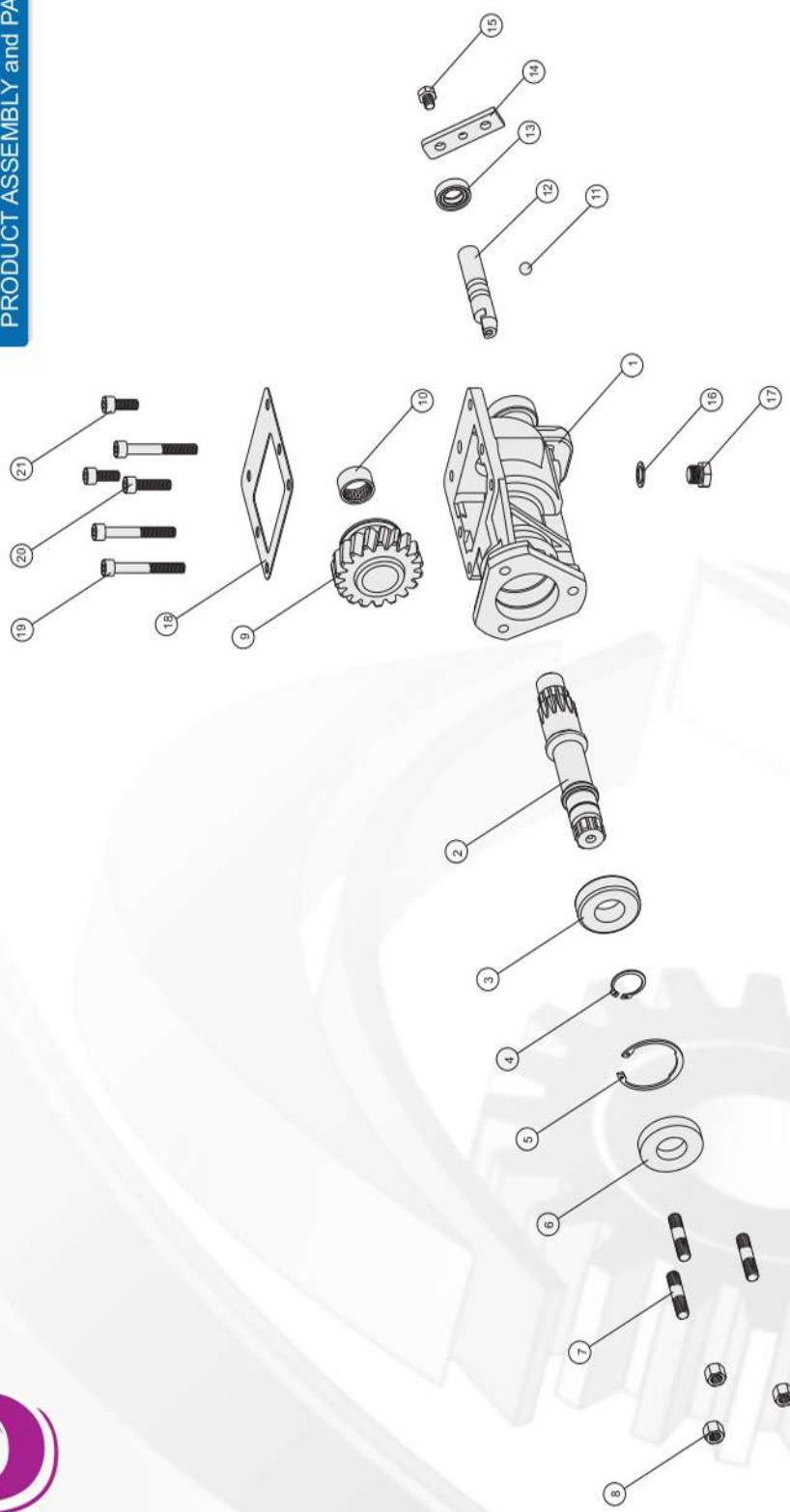
P

POWER TAKE OFF

P.T.O.



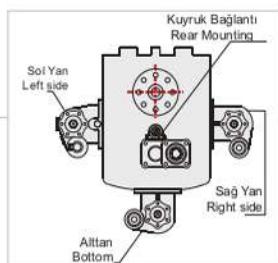
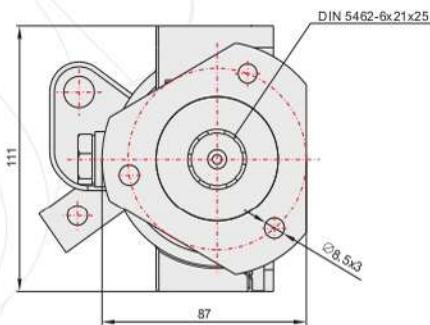
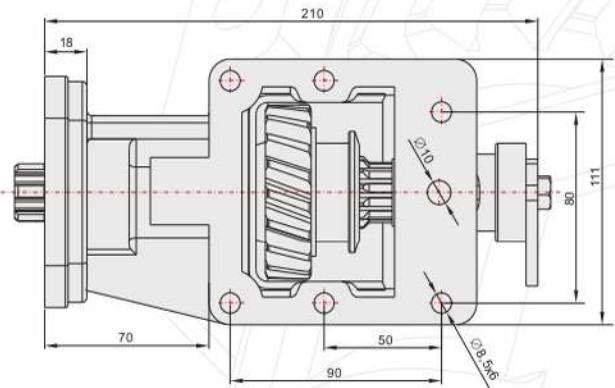
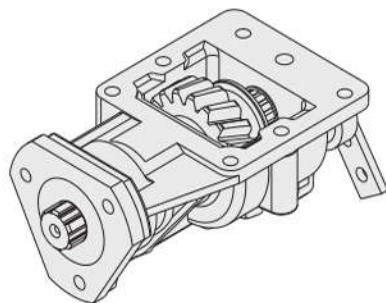
ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50846511-01
1	2	6x13 Alt Mil	50846511-02
1	3	6205 Rulman	50846511-03
1	4	471-25 Segman	50846511-04
1	5	472-52 Segman	50846511-05
1	6	25x52x10 Kece	50846511-06
3	7	M10x45 Saplama	50846511-07
3	8	M10 Somun	50846511-08
1	9	Üst Dışlı	50846511-09
1	10	Hk 22/16 Rulman	50846511-10
1	11	3/8" Bilya	50846511-11
28		TOPLAM PARÇA SAYISI	

Adet	Parça No	Parça Adı	Kod
1	1	12 Mekanik Mil	50846511-12
1	13	17x28x8 Kece	50846511-13
1	14	Bağıltı Laması	50846511-14
1	15	M8x10 Civata	50846511-15
1	16	Bakır Pul	50846511-16
1	17	M14x10 Civata	50846511-17
1	18	Conta	50846511-18
3	19	M8x60 Civata	50846511-19
1	20	M8x30 Civata	50846511-20
2	21	M8x20 Civata	50846511-21
28		TOPLAM PARÇA SAYISI	

50846511



GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE		50846511	
Tork / Torque	21,3 Kgm	208 Nm	
Güç(1000 rpm) / Power	27,3 Hp	20,4 Kw	
Devir / Speed	1000 rpm	1000 rpm	
Oran / Ratio	1/1	1/1	
Ağırlık / Weight	6 kg	13,2 lb	
Bağlantı / Mounting	Sol yan	Left side	
Kumanda / Control	Mekanik	Mechanic	
Dönüş / P.T.O. Rotation	Sol - UNI	Left- UNI	

Ana Şanziman / Gearbox

2826,5 IVECO

Kullanılan Bazı Araçlar / Used Vehicles

 30.10-35.10-35.12-49.10-49.12-59.12-
60.12 IVECO

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF

P.T.O.

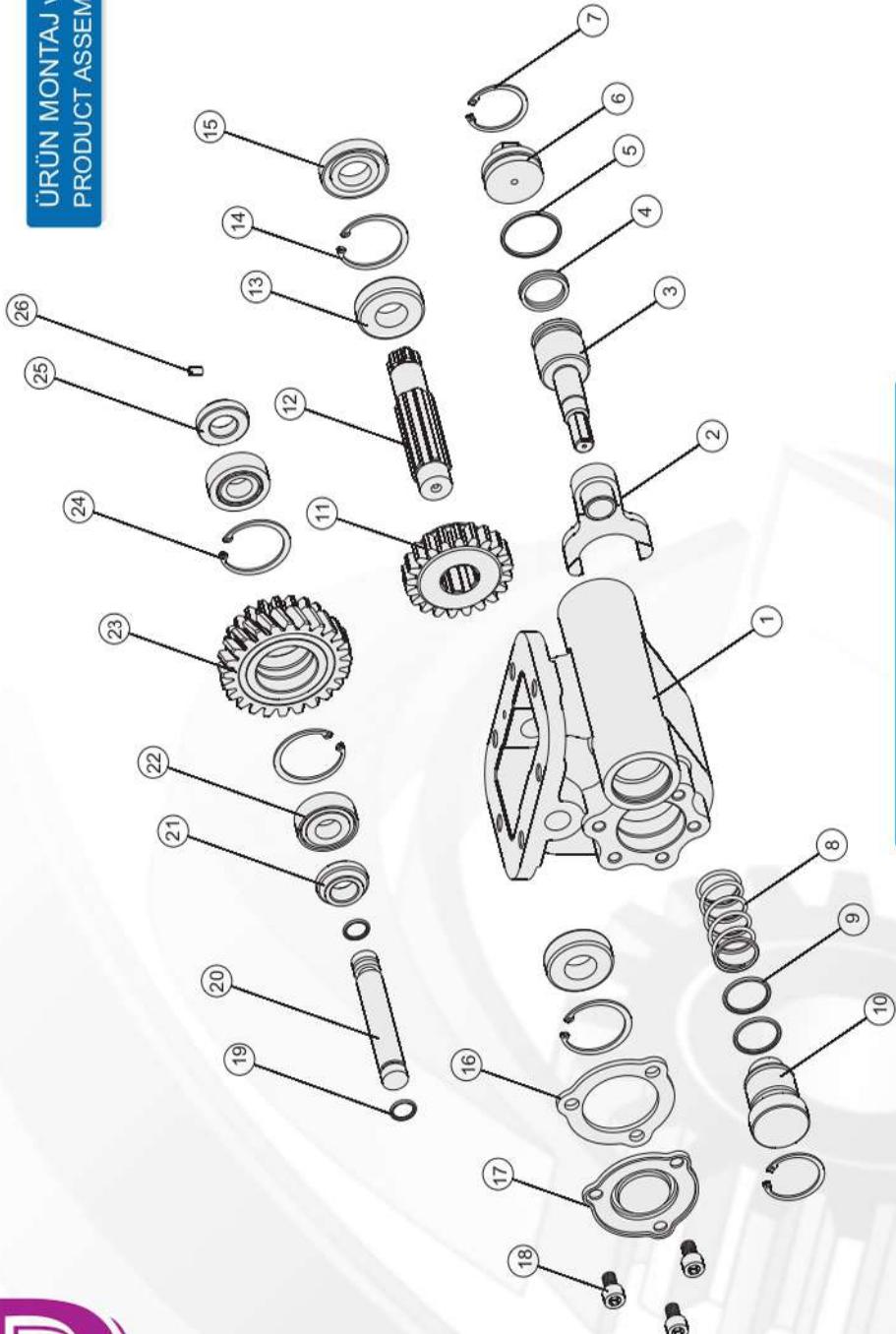
P

POWER TAKE OFF

P.T.O.



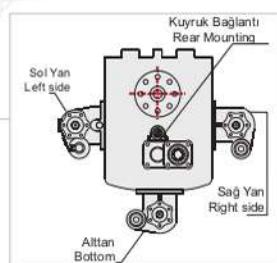
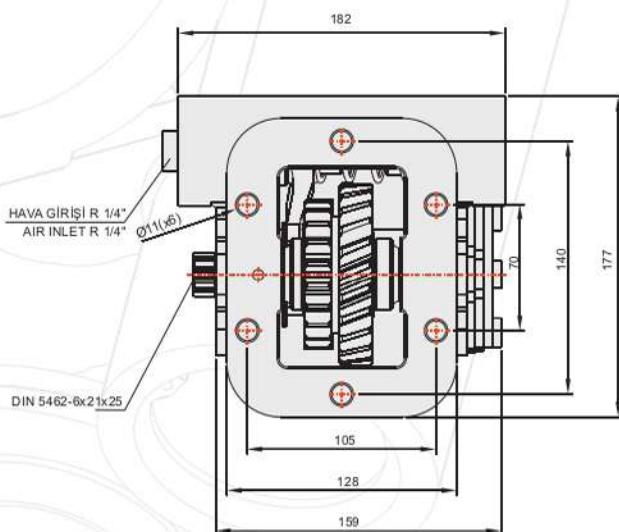
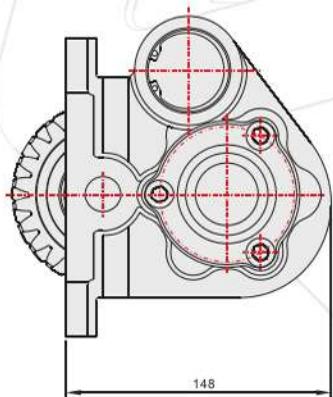
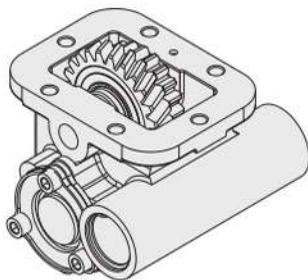
ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50842512-01
1	2	Hilal	50842512-02
1	3	Pnömatik Mili	50842512-03
1	4	31x38x4,5 Nutring	50842512-04
1	5	45x3x3 O-ring	50842512-05
1	6	Pnömatik Kapak	50842512-06
2	7	472x45 Segman	50842512-07
1	8	Pnömatik Yay	50842512-08
2	9	38x3x3 O-ring	50842512-09
1	10	Pnömatik Kapak 2	50842512-10
1	11	Alt Dili	50842512-11
1	12	Alt Mili	50842512-12
2	13	6205 Rulman	50842512-13
35		TOPLAM PARÇA SAYISI	

Adet	Parça No	Parça Adı	Kod
2	14	472x52 Segman	50842512-14
1	15	25x52x10 Kece	50842512-15
1	16	Conta	50842512-16
1	17	Pto Yan Kapak	50842512-17
3	18	M10x16 Cıvata	50842512-18
2	19	2,35x20 O-ring	50842512-19
1	20	Üst Mili	50842512-20
1	21	30x40x10,5 Pil	50842512-21
2	22	30204 Rulman	50842512-22
1	23	Üst Disli	50842512-23
2	24	472x42 Segman	50842512-24
1	25	30x40x15,5 Pil	50842512-25
1	26	M6x10 Seliskur	50842512-26

50842512


GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50842512	
Tork / Torque	25,4 Kgm	248 Nm
Güç(1000 rpm) / Power	32,9 Hp	24,2 Kw
Devir / Speed	1000 rpm	1000 rpm
Oran / Ratio	1/1,43	1/1,43
Ağırlık / Weight	12 kg	26,4 lb
Bağlantı / Mounting	Sağ yan	Right side
Kumanda / Control	Havalı	Pneumatic
Dönüş / P.T.O. Rotation	Sağ	Right

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox

475R SMLX

Kullanılan Bazı Araçlar / Used Vehicles

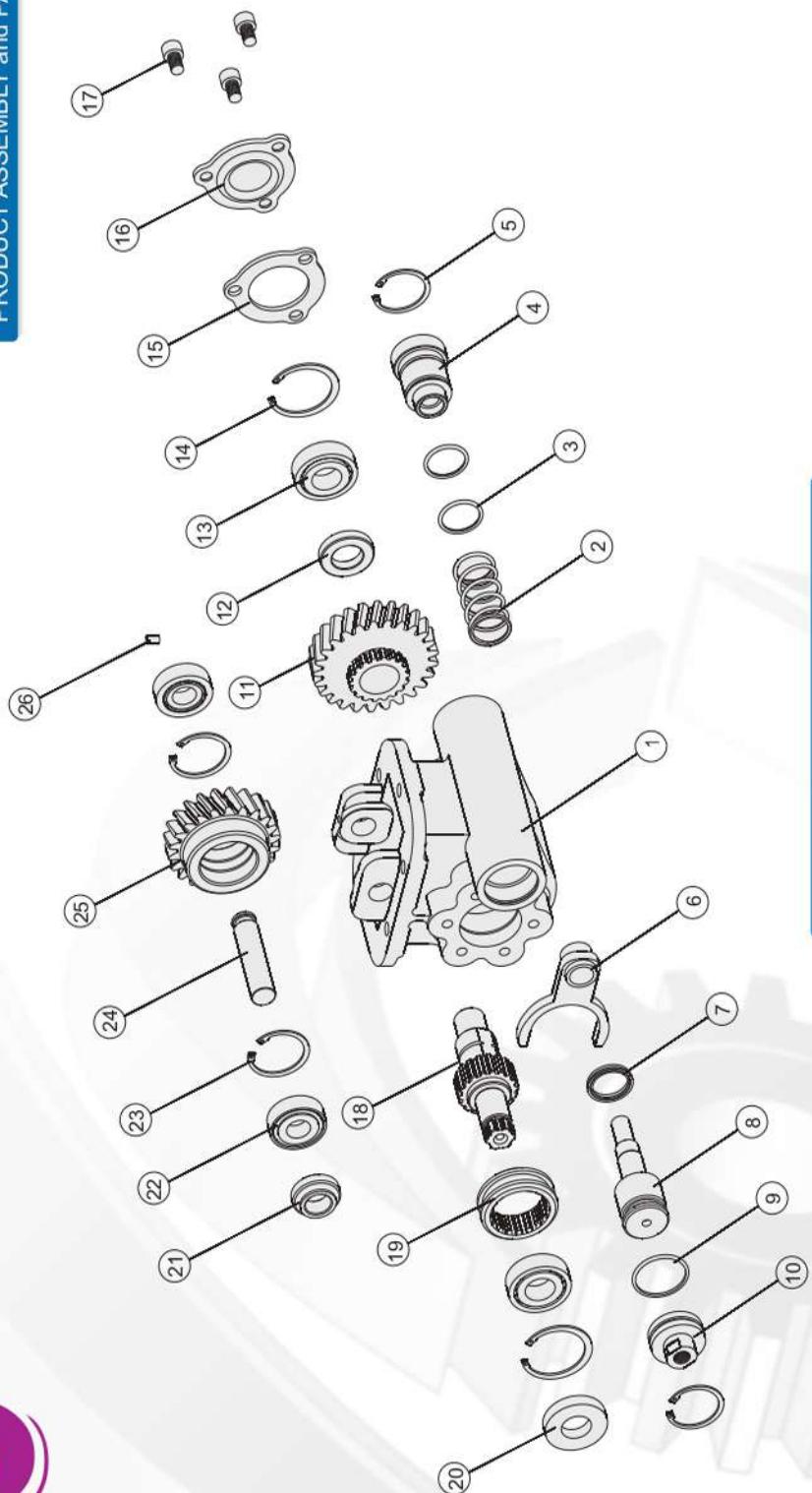
75.12-85.12 IVECO



P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

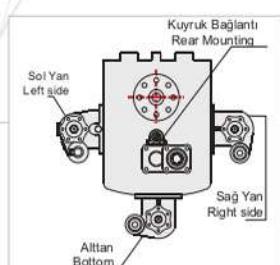
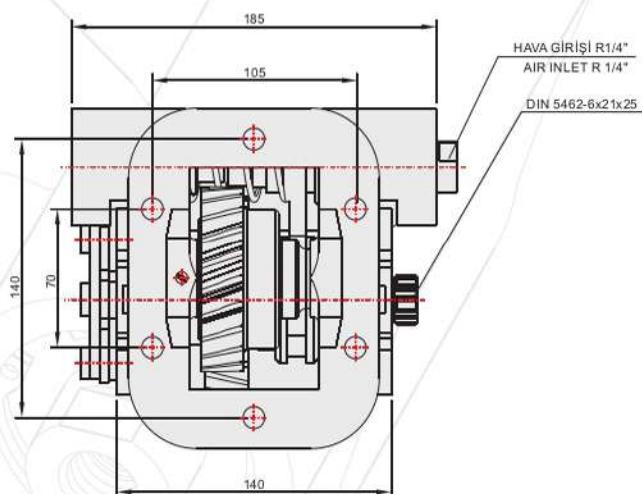
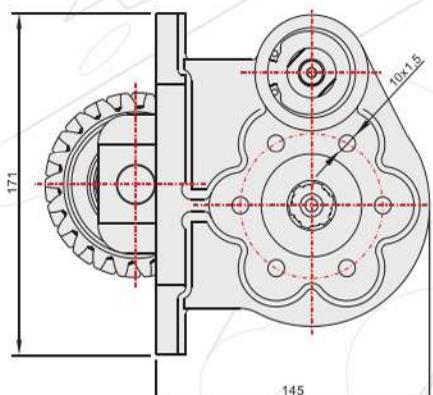
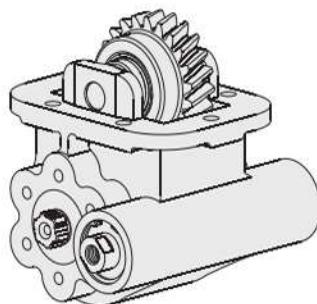
POWER TAKE OFF

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



IVECO 2855

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50844512-01
1	2	Yay	50844512-02
2	3	38,3x3 O-ring	50844512-03
1	4	Pnömatik Kapak 2	50844512-04
2	5	472-45 Segman	50844512-05
1	6	Hilal	50844512-06
1	7	31x35x4,5 Nutring	50844512-07
1	8	Pnömatik Mil	50844512-08
2	9	45,3x3 O-ring	50844512-09
1	10	Pnömatik Kapak	50844512-10
1	11	Alt Disli	50844512-11
1	12	25,8x35x9 Pul	50844512-12
2	13	30205 Rulman	50844512-13
2	14	472-52 Segman	50844512-14
1	15	Conta	50844512-15
1	16	Pto Yan Kapak	50844512-16
3	17	M10x16 Cıvata	50844512-17
1	18	Alt Mil	50844512-18
1	19	Senkromeç	50844512-19
1	20	25x52x10 Keçe	50844512-20
1	21	2,5x39,5x15 Pul	50844512-21
2	22	30204 Rulman	50844512-22
2	23	472-47 Segman	50844512-23
1	24	Üst Mil	50844512-24
1	25	Üst Disli	50844512-25
1	26	M6x10 Setskur	50844512-26
34		TOPLAM PARÇA SAYISI	

50844512

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50844512	
Tork / Torque	24,4 Kgm	240 Nm
Güç(1000 rpm) / Power	32 Hp	23,3 Kw
Devir / Speed	1000 rpm	1000 rpm
Oran / Ratio	1/0,88	1/0,88
Ağırlık / Weight	13,5 kg	29,71 lb
Bağlantı / Mounting	Sağ yan	Right side
Kumanda / Control	Mekanik	Mechanic
Dönüş / P.T.O. Rotation	Sağ - UNI	Right - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox

2845.6-2855.6 IVECO

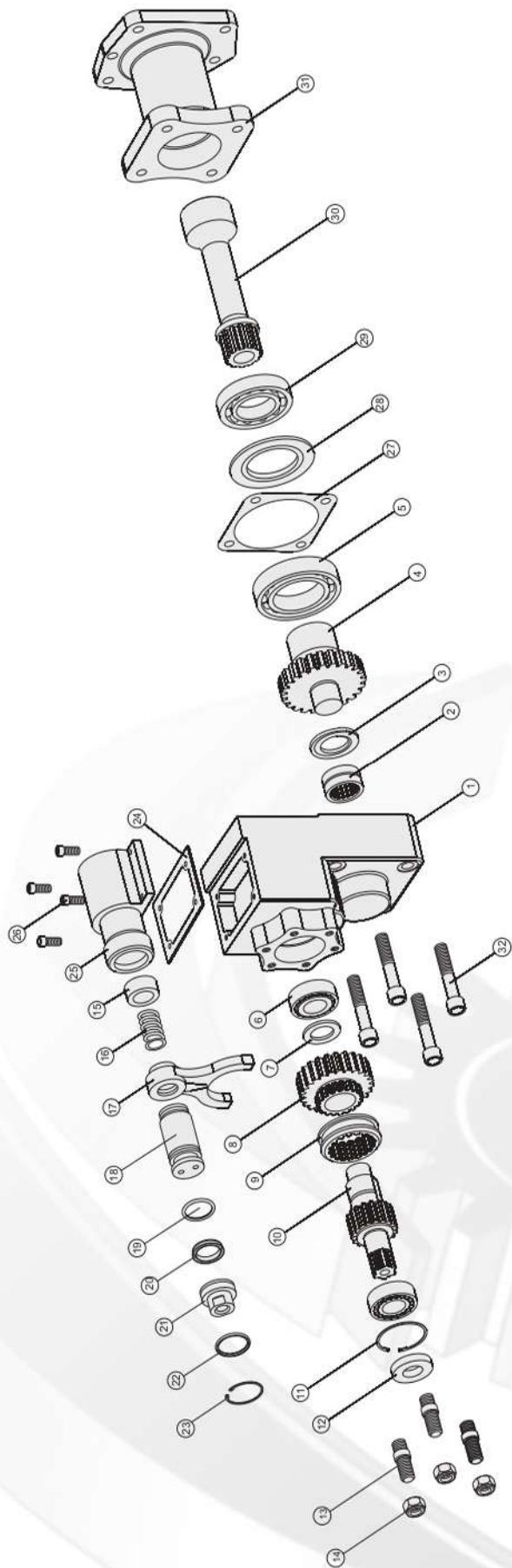
Kullanılan Bazı Araçlar / Used Vehicles

 IVECO 60.10-60.12-75.14-80.14-80.12-
85.12-85.14-120.14-140.14-150.14-130E15
150E21-220E21-60.14-65E12-65E14-
75.12-75E14-80E15-80E18-85E13-85E15
100E15-100E18-130E15-130E18

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.



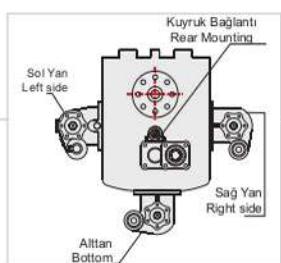
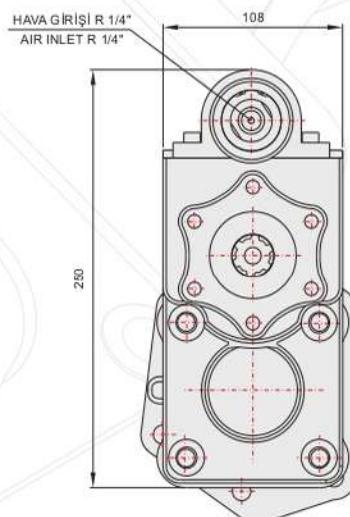
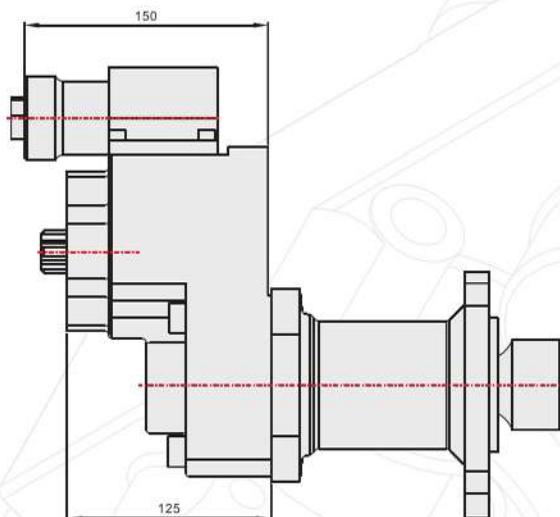
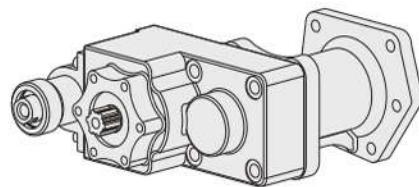
ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



IVECO 2846

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50830311 -01
1	2	Nk.30/20 Rulman	50830311 -02
1	3	31x24 Bronz Pul	50830311 -03
1	4	Grup Dışılı	50830311 -04
1	5	6011 Rulman	50830311 -05
2	6	Ni 205 Rulman	50830311 -06
1	7	25,5x39,5x3 Pul	50830311 -07
1	8	Küçük Dışı	50830311 -08
1	9	Senkromec	50830311 -09
1	10	6x18 Alt Mili	50830311 -10
1	11	472x52 Segman	50830311 -11
1	12	25x52x10 Kece	50830311 -12
3	13	M10x45 Saplama	50830311 -13
3	14	M10 Somun	50830311 -14
1	15	25x35x15 Ortalama Pulu	50830311 -15
1	16	Pnömatik Yay	50830311 -16
1	17	Hila	50830311 -17
TOPLAM PARÇA SAYISI			40

50830311



GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50830311	
Tork / Torque	18,3 Kgm	179,5 Nm
Güç(1000 rpm) / Power	16,8 Hp	12,5 Kw
Devir / Speed	500 rpm	500 rpm
Oran / Ratio	1/1,12	1/1,12
Ağırlık / Weight	14 kg	30,9 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - UNI	Left - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox

2846,5-2842-2835-2830-2646

Kullanılan Bazı Araçlar / Used Vehicles

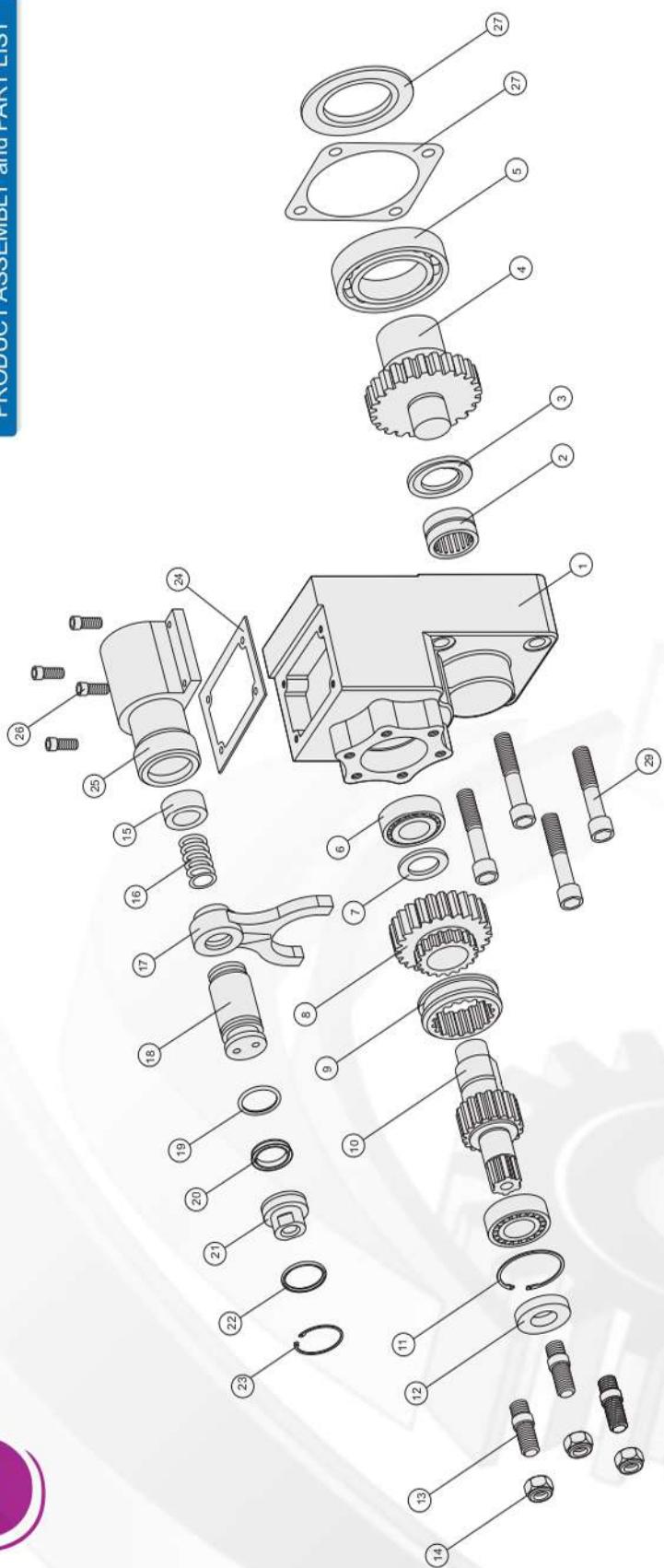
FIAT IVECO / 65.15-79.13-79.14-80.14
IVECO / 65.12-79.12-95-14-100.13-109.14-135.14 ZETA IVECO

P

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.



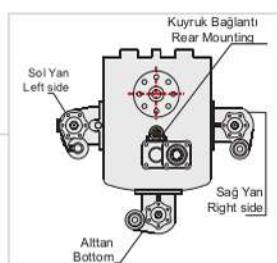
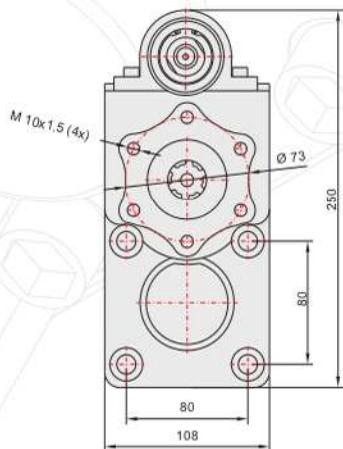
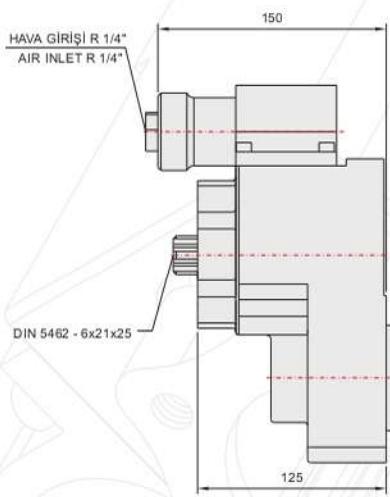
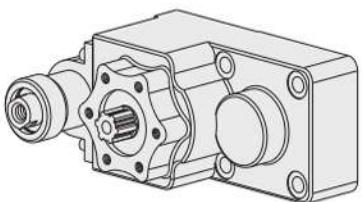
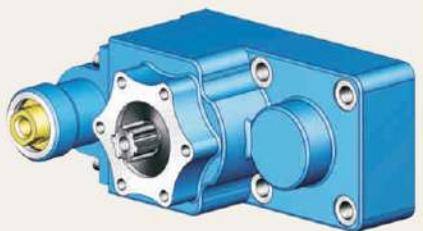
ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



IVECO 2855

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50832311-01
1	2	NK 30/20A Rulman	50832311-02
1	3	31x52x4 Bronz Pul	50832311-03
1	4	Grup Dışılışı	50832311-04
1	5	6011 Rulman	50832311-05
2	6	Ni 205 Rulman	50832311-06
1	7	25,5x39,5x3 Pul	50832311-07
1	8	Küçük Disli	50832311-08
1	9	Senkromec	50832311-09
1	10	6x18 Alt Mili	50832311-10
1	11	472-52 Segman	50832311-11
1	12	25x52x10 Saplama	50832311-12
3	13	M10x45 Saplama	50832311-13
3	14	M10 Somun	50832311-14
1	15	25x35x15 Ortalama Pulu	50832311-15
40		TOPLAM PARÇA SAYISI	

Adet	Parça No	Parça Adı	Kod
1	16	Pnömatik Yay	50832311-16
1	17	Hilal	50832311-17
1	18	Pnömatik Piston	50832311-18
1	19	3x27 O-ring	50832311-19
1	20	33x25x5,5 Nutring	50832311-20
1	21	Pnömatik Kapak	50832311-21
1	22	29,75x3,53 O-ring	50832311-22
1	23	472-36 Segman	50832311-23
1	24	Pnömatik Kovran Contası	50832311-24
1	25	Pnömatik Kovran	50832311-25
4	26	M6x20 Cıvata	50832311-26
1	47	Conta	50832311-27
1	28	Iveco Merkezleme Pulu	50832311-28
4	29	M12x65 Cıvata	50832311-29
40		TOPLAM PARÇA SAYISI	

50832311

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50832311	
Tork / Torque	18,3 Kgm	179,5 Nm
Güç(1000 rpm) / Power	16,8 Hp	12,5 Kw
Devir / Speed	650 rpm	650 rpm
Oran / Ratio	1/1,12	1/1,12
Ağırlık / Weight	14 kg	30,9 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - UNI	Left - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox

2845.6-2855.6

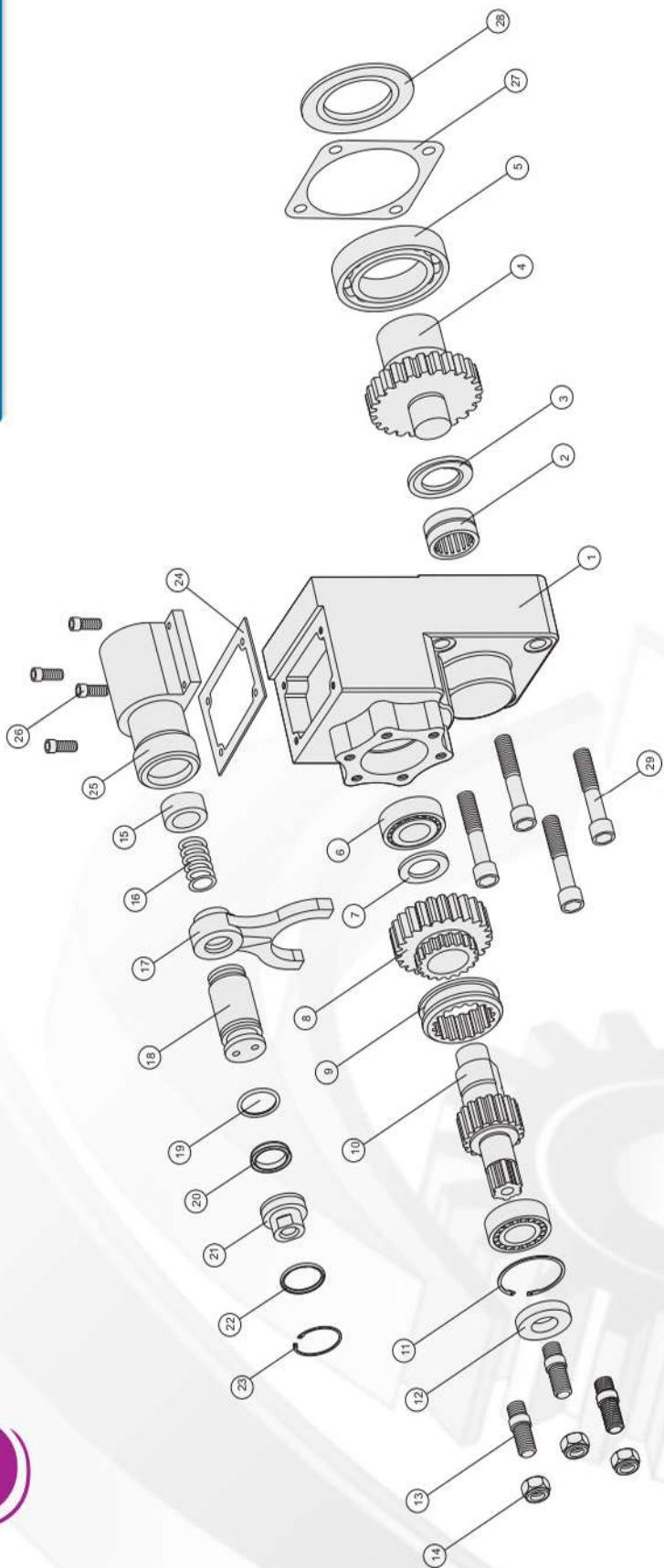
Kullanılan Bazı Araçlar / Used Vehicles

 IVECO 60.10-60.12-75.14-80.14-80.12
 85.12-85.14-120.14-140.14-150.14
 130E15-150E21-220E21-60.14-65E12-
 65E14-75.12-75E14-75E15-80E18
 85E13-85E15-100E15-100E18-130E15
 130E18

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

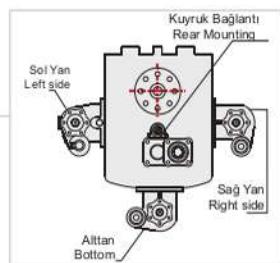
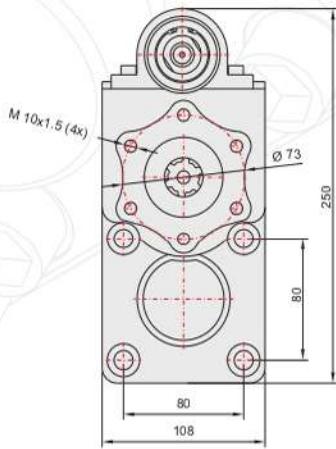
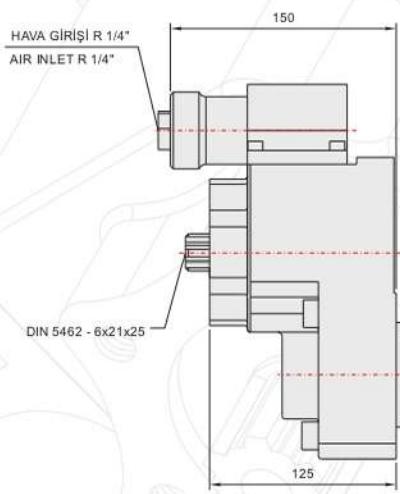
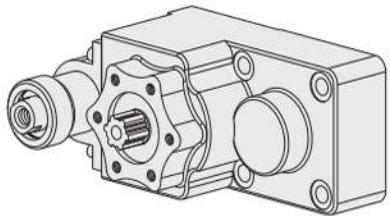
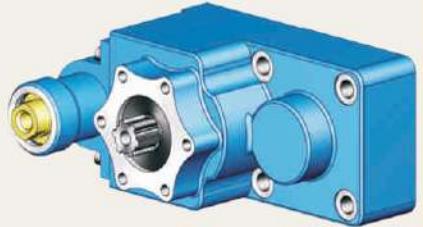


ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50834311-01
1	2	Nk 30/20 A Rulman	50834311-02
1	3	31x52x4 Bronz Pul	50834311-03
1	4	Grup Disisi	50834311-04
1	5	6011 Rulman	50834311-05
2	6	Ni 205 Rulman	50834311-06
1	7	25.5x39.5x3 Pul	50834311-07
1	8	Küçük Disili	50834311-08
1	9	Senkromeç	50834311-09
1	10	6x18 Alt Mil	50834311-10
1	11	472-52 Segman	50834311-11
1	12	25x52x10 Saplama	50834311-12
3	13	M10x45 Saplama	50834311-13
3	14	M10 Somun	50834311-14
1	15	25x35x15 Ortalama Pulu	50834311-15
40		TOPLAM PARÇA SAYISI	

50834311


GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50834311	
Tork / Torque	18,3 Kgm	179,5 Nm
Güç(1000 rpm) / Power	16,8 Hp	12,5 Kw
Devir / Speed	650 rpm	650 rpm
Oran / Ratio	1/1,12	1/1,12
Ağırlık / Weight	11 kg	24,2 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havalı	Pneumatic
Dönüş / P.T.O. Rotation	Sol - UNI	Left - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox

2865.6

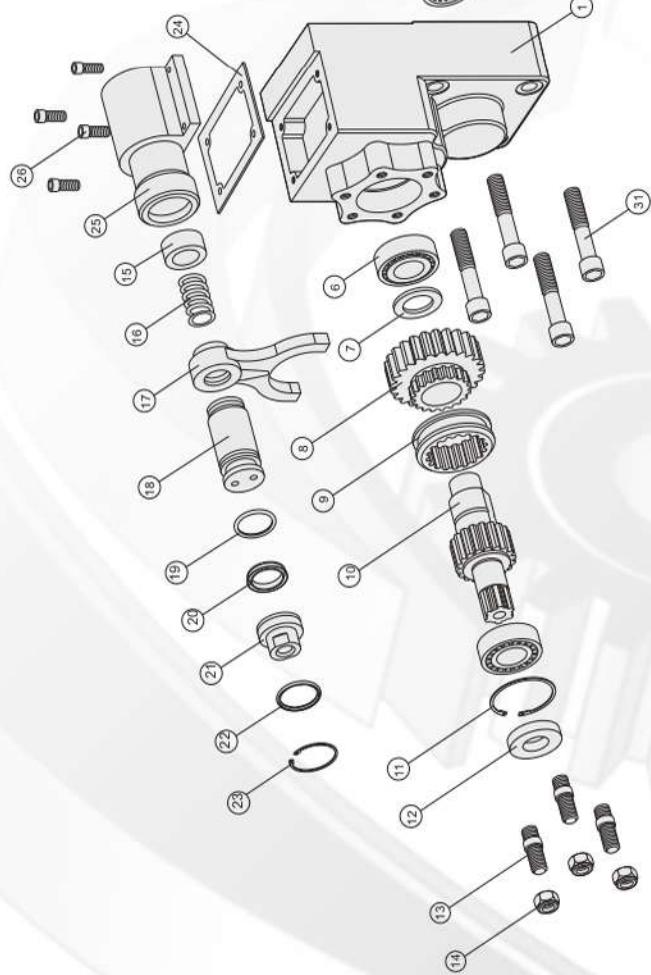
Kullanılan Bazı Araçlar / Used Vehicles

JOHNSTON 12E18 IVECO
EUROCARGO / 100E21-120E18-
120E23-130E23-180E18-80.21-100.18-
120.23-130.23-150.18-150.23-170.18-
170.23-150E21-220E21
EUROCARGO IVECO

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

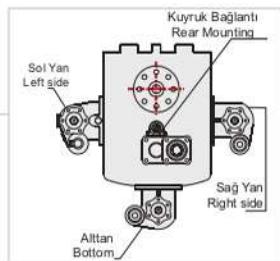
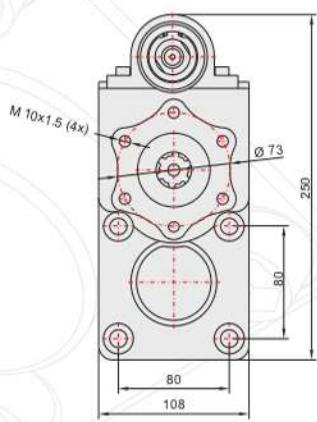
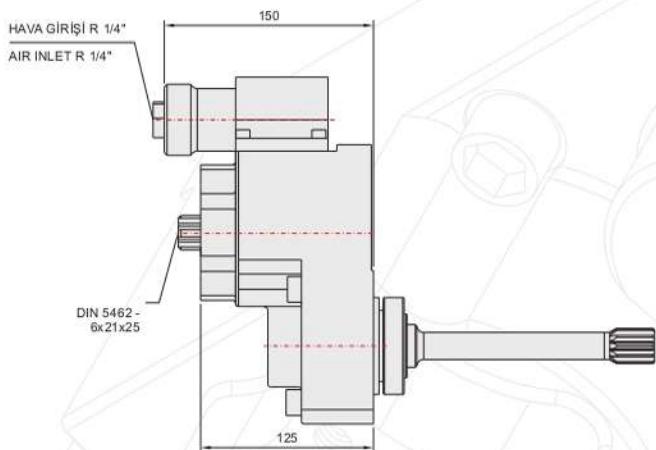
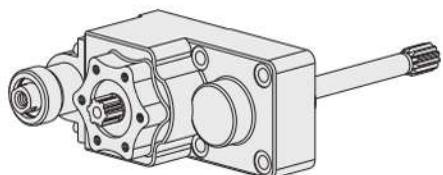
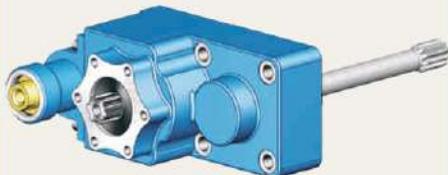


ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50836311-01
1	2	Nk 30/20A Rulman	50836311-02
1	3	31x52x4 Bronz Pül	50836311-03
1	4	Grup Dislisi	50836311-04
1	5	6011 Rulman	50836311-05
2	6	Ni 205 Rulman	50836311-06
1	7	25,5x39,5x3 Pül	50836311-07
1	8	Küçük Disli	50836311-08
1	9	Senkromeç	50836311-09
1	10	6x18 Alt Mil	50836311-10
1	11	472-52 Sezman	50836311-11
1	12	25x52x10 Saplama	50836311-12
3	13	M10x45 Saplama	50836311-13
3	14	M10 Sıvımlı	50836311-14
1	15	25x35x15 Ortalama Pulu	50836311-15
1	16	Pnömatik Yay	50836311-16

Adet	Parça No	Parça Adı	Kod
1	17	Hilal	50836311-17
1	18	Pnömatik Piston	50836311-18
1	19	3x27 O-ring	50836311-19
1	20	33x25x5,5 Nutring	50836311-20
1	21	Pnömatik Kapak	50836311-21
1	22	29,75x3,53 O-ring	50836311-22
1	23	472-36 Segman	50836311-23
1	24	Pnömatik Kovancı Kontası	50836311-24
1	25	Pnömatik Kovancı	50836311-25
4	26	M6x20 Civata	50836311-26
1	27	Conta	50836311-27
1	28	Iveco Merkezleme Pulu	50836311-28
1	29	6008 Rulman	50836311-29
1	30	2870 Kardan Mili	50836311-30
4	31	M12x65 Civata	50836311-31
42	32	TOPLAM PARÇA SAYISI	

50836311

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50836311	
Tork / Torque	22,4 Kgm	219,7 Nm
Güç(1000 rpm) / Power	20,8 Hp	15,5 Kw
Devir / Speed	675 rpm	675 rpm
Oran / Ratio	1/1,12	1/1,12
Ağırlık / Weight	14 kg	30,9 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havalı	Pneumatic
Dönüş / P.T.O. Rotation	Sol - UNI	Left - UNI

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox

2870.9

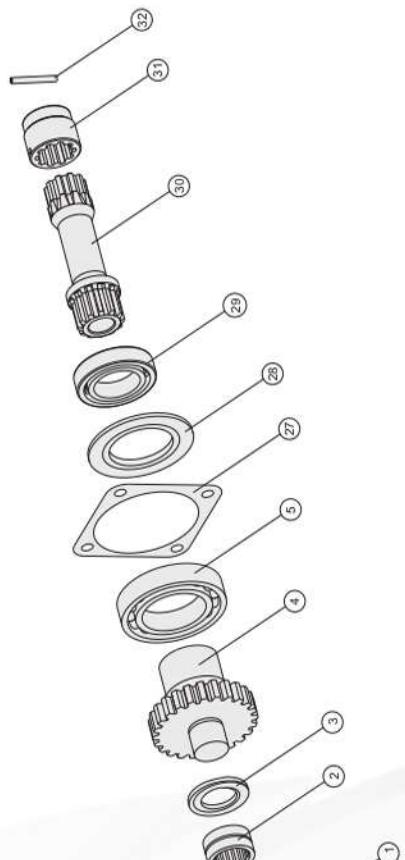
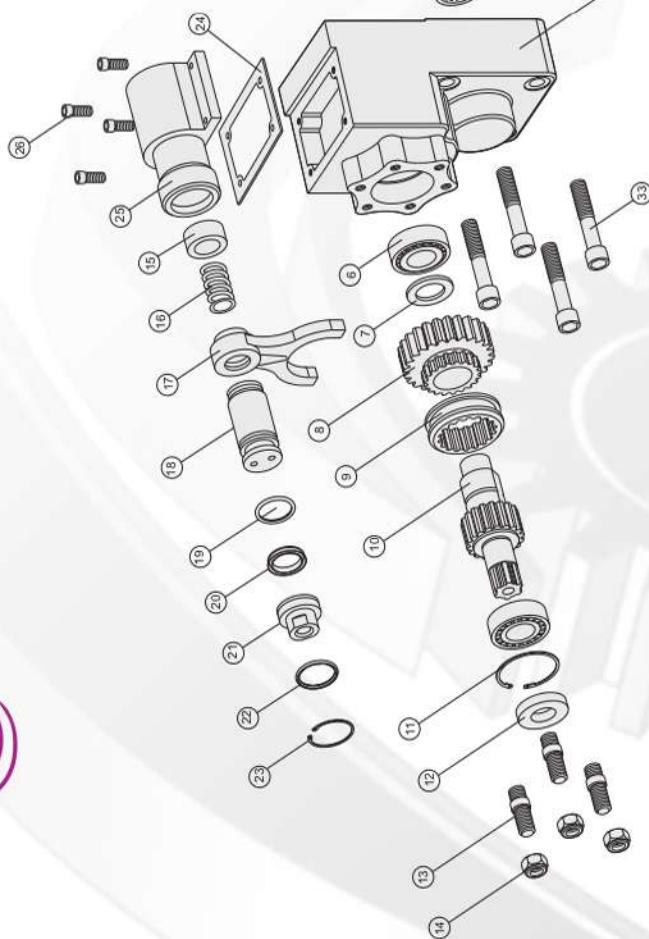
Kullanılan Bazı Araçlar / Used Vehicles

120E18-120E23-130E15-130E18-
130E23-150E15-150E18-150E23-
170E18-170E23-180E21-250E21-
100E18-100E23-100E15-130E15-
130E18 EURO CARGO IVECO /
250E24-230E18-180E28-250E23
EURO CARGO IVECO

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.



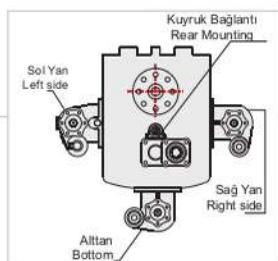
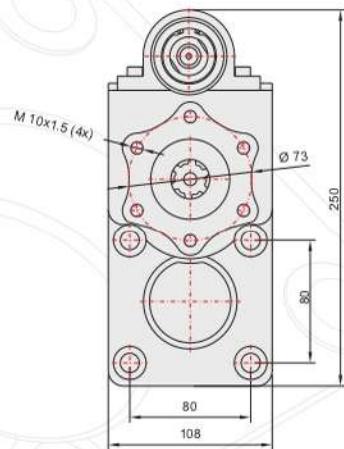
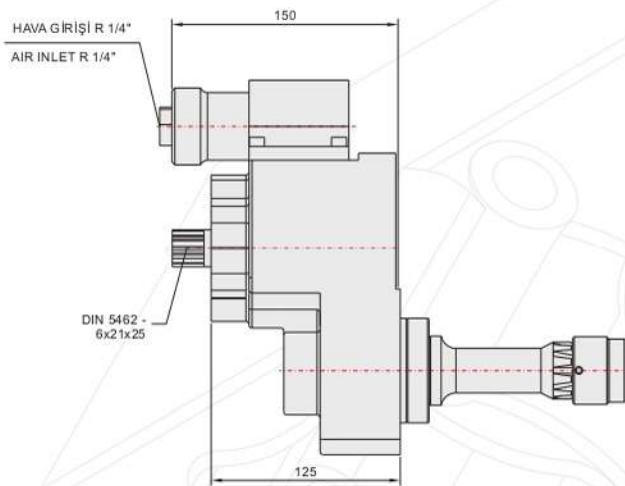
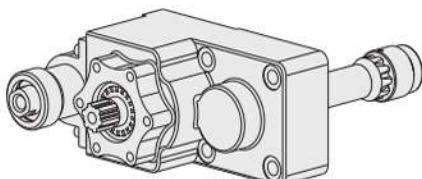
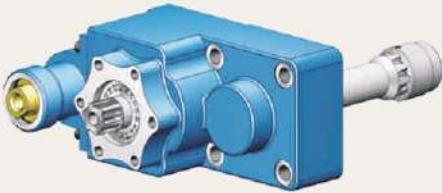
ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50838311-01
1	2	Nk 30/20 A Rulman	50838311-02
1	3	31x52x4 Bronz Pul	50838311-03
1	4	Grup Disisi	50838311-04
1	5	6011 Rulman	50838311-05
2	6	Nj 205 Rulman	50838311-06
1	7	25,5x39,5x3 Pul	50838311-07
1	8	Küçük Disili	50838311-08
1	9	Senkromec	50838311-09
1	10	6x18 Alt Mili	50838311-10
1	11	472-52 Segman	50838311-11
1	12	25x52x10 Saplama	50838311-12
1	13	M10x45 Saplama	50838311-13
3	14	M10 Somun	50838311-14
1	15	25x35x15 Ortalama Pulu	50838311-15
1	16	Pnömatik Yay	50838311-16
1	17	Hilal	50838311-17

Adet	Parça No	Parça Adı	Kod
1	18	Pnömatik Piston	50838311-18
1	19	3x27 O-ring	50838311-19
1	20	33x25x5,5 Nutring	50838311-20
1	21	Pnömatik Kapak	50838311-21
1	22	29,75x3,53 O-ring	50838311-22
1	23	472-36 Segman	50838311-23
1	24	Pnömatik Kovan Contası	50838311-24
1	25	Pnömatik Kovan	50838311-25
4	26	M6x20 Civata	50838311-26
1	27	Contra	50838311-27
1	28	Iveco Merkezieme Pulu	50838311-28
1	29	6008 Rulman	50838311-29
1	30	2870 Kardan Mili	50838311-30
1	31	2895 Kaplin	50838311-31
1	32	Boru Pim	50838311-32
4	33	M12x65 Civata	50838311-33
44	TOPLAM PARÇA SAYISI		

50838311


GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50838311	
Tork / Torque	22,4 Kgm	219,7 Nm
Güç(1000 rpm) / Power	20,8 Hp	15,5 Kw
Devir / Speed	675 rpm	675 rpm
Oran / Ratio	1/1,12	1/1,12
Ağırlık / Weight	14 kg	30,9 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - UNI	Left - UNI

Ana Şanziman / Gearbox

2985.9

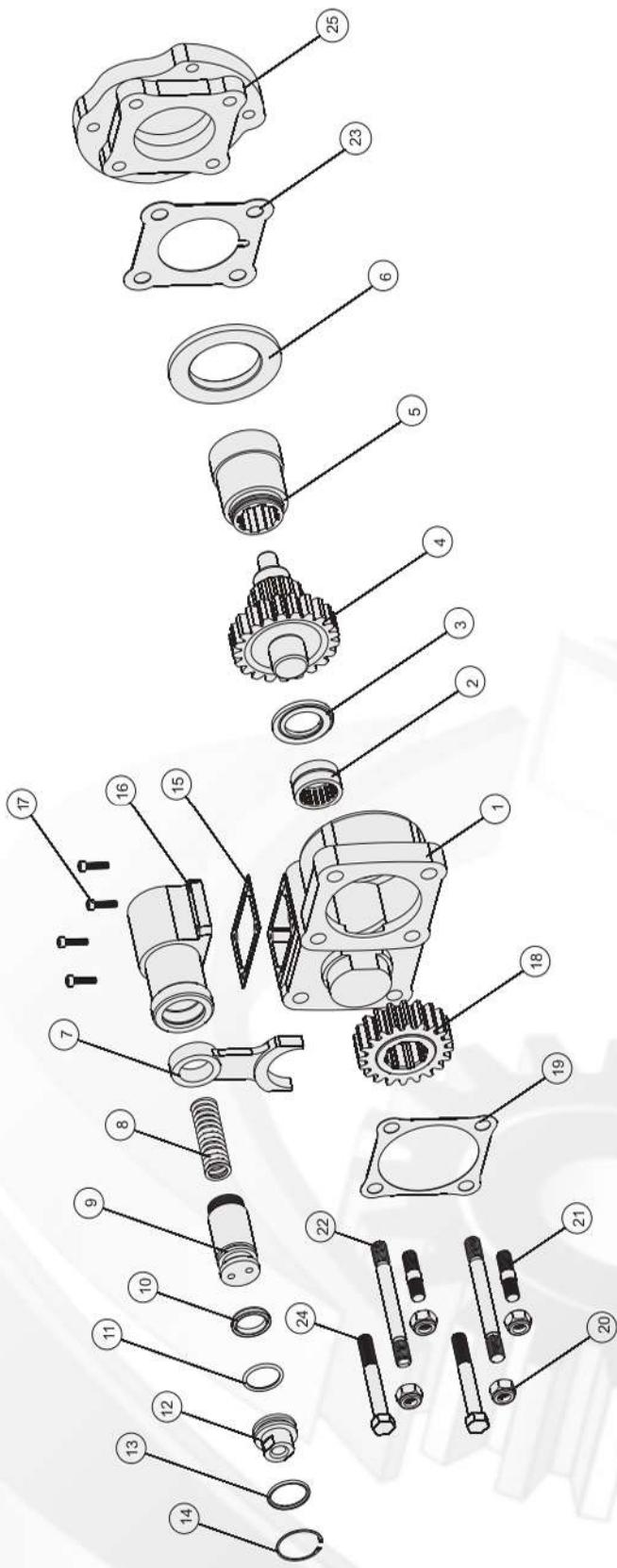
Kullanılan Bazı Araçlar / Used Vehicles

120E18-120E23-130E15-130E18-
130E23-150E15-150E18-150E23-
170E18-170E23-180E21-250E21-
100E18-100E23-100E15-130E15-
130E18 EUROCARGO IVECO

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

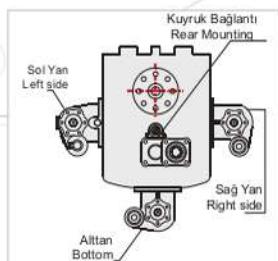
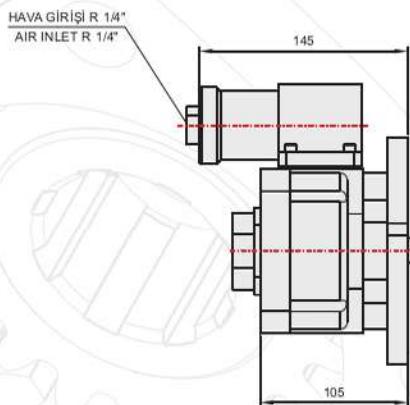
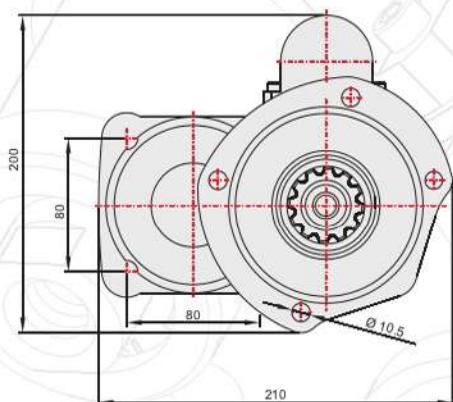
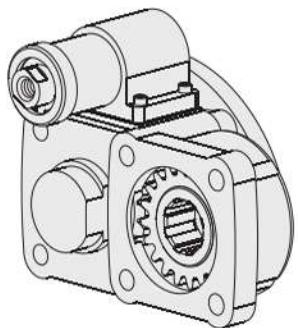


ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



VOLVO R5

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50910321-01
1	2	Nk 30/20A Rulman	50910321-02
1	3	31x52x4 Bronz Pul	50910321-03
1	4	R5 Grup Dişisi	50910321-04
1	5	R5 Kavrama Dişisi	50910321-05
1	6	Z12 Merkezleme Pulu	50910321-06
1	7	Hilal	50910321-07
1	8	Pnömatik Yav	50910321-08
1	9	Pnömatik Piston	50910321-09
1	10	33x25x5,5 Nutring	50910321-10
1	11	3x27 O-ring	50910321-11
1	12	Pnömatik Kapak	50910321-12
1	13	29,75x3,53 O-ing	50910321-13
2	22	M12x120 Saplama	50910321-22
1	23	Conta	50910321-23
2	24	M12x90 Ciyata	50910321-24
1	25	R5 Plate	50910321-25
34		TOPLAM PARÇA SAYISI	

VOLVO / R5
50910321

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50910321	
Tork / Torque	24 Kgm	235,5 Nm
Güç(1000 rpm) / Power	22,3 Hp	16,6 Kw
Devir / Speed	675 rpm	675 rpm
Oran / Ratio	1/1,2	1/1,2
Ağırlık / Weight	12 kg	26,5 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havalı	Pneumatic
Dönüş / P.T.O. Rotation	Sol - ISO	Left - ISO

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox
R 51-R / SR 52 / R52
Kullanılan Bazı Araçlar / Used Vehicles
VOLVO F 0-F 86-F 88-F 1233

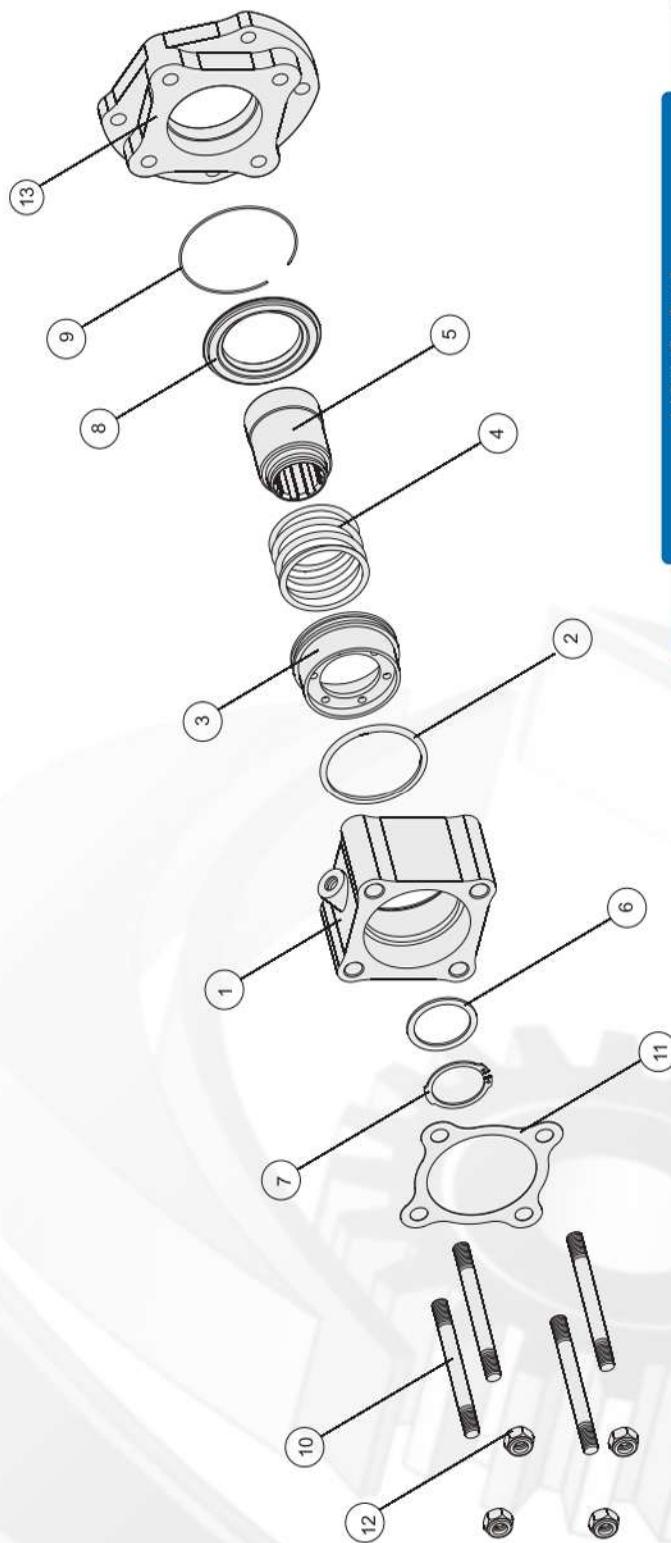
P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF

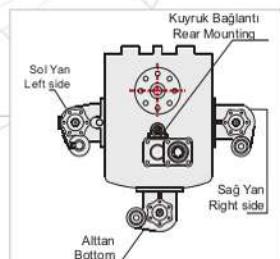
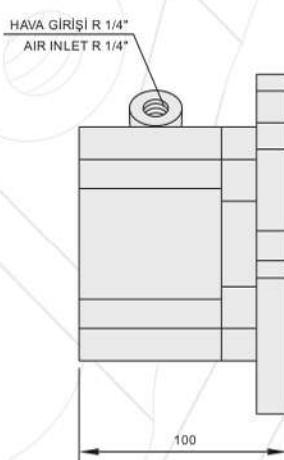
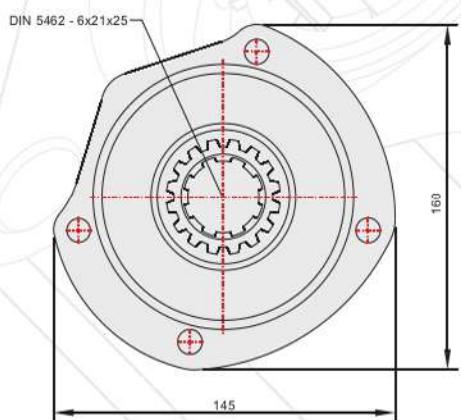
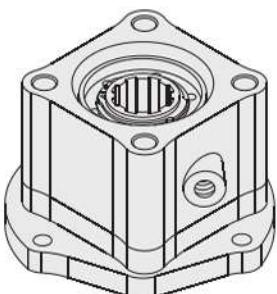
P.T.O.

P

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST



VOLVO R6-1			
Adet	Parça No	Parça Adı	Kod
1	1	Zf1 Gövde	50912322-01
1	2	69.22x5.33 X-ring	50912322-02
1	3	Zf1 Piston	50912322-03
1	4	Zf1 Yay	50912322-04
1	5	R6 Kavrama	50912322-05
1	6	42x52x2 Pul	50912322-06
1	7	471-42 Segman	50912322-07
1	8	Zf1 Ortalayıcı Pul	50912322-08
1	9	1.70 Tel Segman	50912322-09
4	10	M12x120 Saplama	50912322-10
1	11	Conta	50912322-11
4	12	M12 Sormun	50912322-12
1	13	R6 Plate	50912322-13
19		TOPLAM PARÇA SAYISI	

50912322

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50912322	
Tork / Torque	25 Kgm	245 Nm
Güç(1000 rpm) / Power	26,5 Hp	19,8 Kw
Devir / Speed	780 rpm	780 rpm
Oran / Ratio	1/1,2	1/1,2
Ağırlık / Weight	5,7 kg	12,6 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sağ - ISO	Right - ISO

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanziman / Gearbox

R 62-SR61-R62/MR 62 B

Kullanılan Bazı Araçlar / Used Vehicles

F 7-F 10-F 12-F88-F89-F 1020-F
1225-N 10-N 12 VOLVO

P.T.O. montaj edildikten sonra ana şanziman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

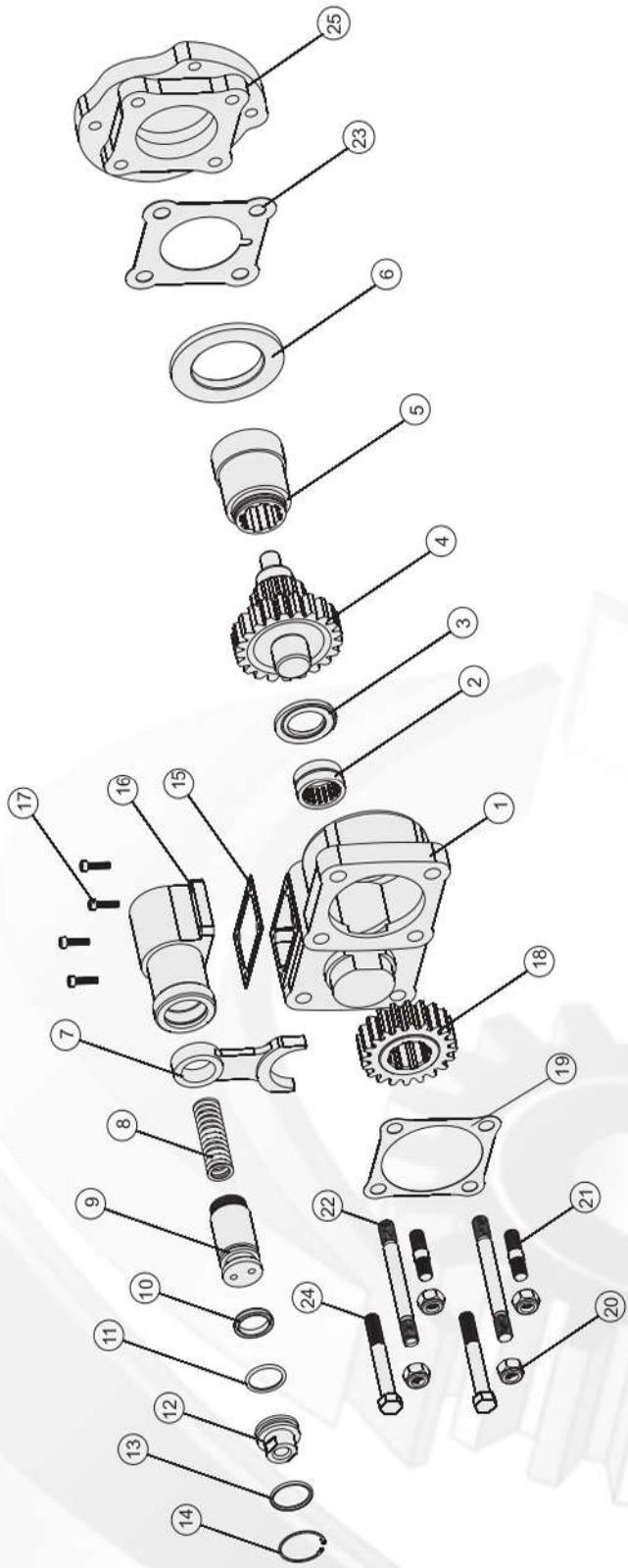
POWER TAKE OFF

P.T.O.

ÜRÜN MONTAJ ve PARÇA LİSTESİ
PRODUCT ASSEMBLY and PART LIST

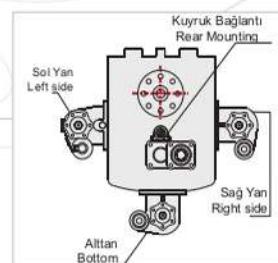
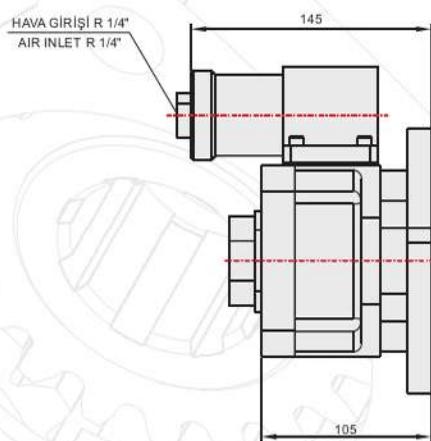
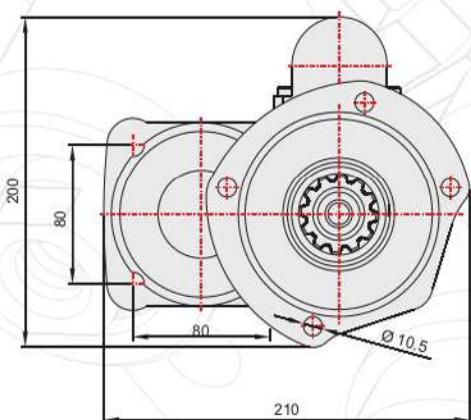
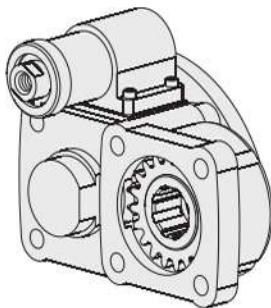
POWER TAKE OFF

P.T.O.



Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50912321-01
1	2	Nk 30/20A Rulman	50912321-02
1	3	31x52x4 Bronz Pul	50912321-03
1	4	R5 Grup Disliği	50912321-04
1	5	R5 Kavrama Disliği	50912321-05
1	6	Z12 Merkezleme Pulu	50912321-06
1	7	Hilal	50912321-07
1	8	Pnömatik Yay	50912321-08
1	9	Pnömatik Piston	50912321-09
1	10	33x25x5,5 Nutring	50912321-10
1	11	3x27 O-ring	50912321-11
1	12	Pnömatik Kapak	50912321-12
1	13	29,75x3,53 O-ring	50912321-13
34		TOPLAM PARÇA SAYISI	

Adet	Parça No	Parça Adı	Kod
1	14	472-36 Segman	50912321-14
1	15	Pnömatik Kovan Kontası	50912321-15
1	16	Pnömatik Kovan	50912321-16
4	17	M5x20 İnbüs	50912321-17
1	18	8x20 Disli	50912321-18
1	19	Conta	50912321-19
2	20	M12x45 Saplama	50912321-20
4	21	M12 Sıvun	50912321-21
2	22	M12x120 Saplama	50912321-22
1	23	Conta	50912321-23
2	24	M12x90 Civata	50912321-24
1	25	R6 Plate	50912321-25

50912321

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE	50912321	
Tork / Torque	24 Kgm	235,5 Nm
Güç(1000 rpm) / Power	22,3 Hp	16,6 Kw
Devir / Speed	675 rpm	675 rpm
Oran / Ratio	1/1,2	1/1,2
Ağırlık / Weight	12 kg	26,5 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - ISO	Left - ISO

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox

R 62-SR61-R62/MR 62 B

Kullanılan Bazı Araçlar / Used Vehicles

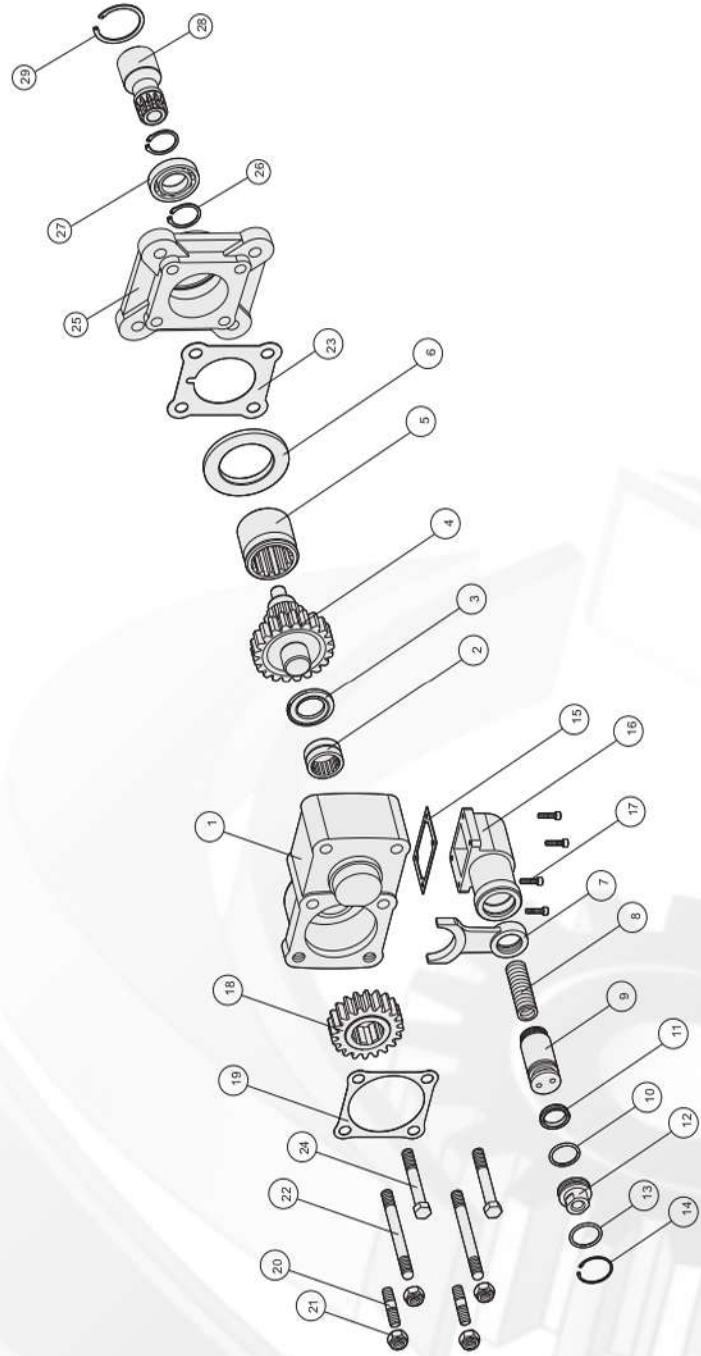
F 7-F 10-F 12-F88-F89-F 1020-F
1225-N 10-N 12 VOLVO

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

Ürün Montaj ve Parça Listesi
Product Assembly and Part List

POWER TAKE OFF

P.T.O.

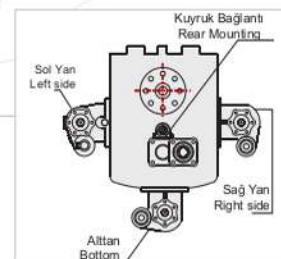
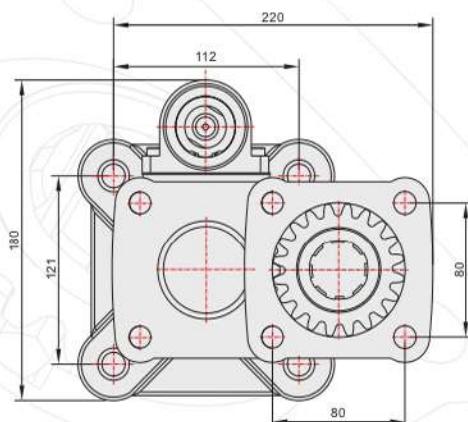
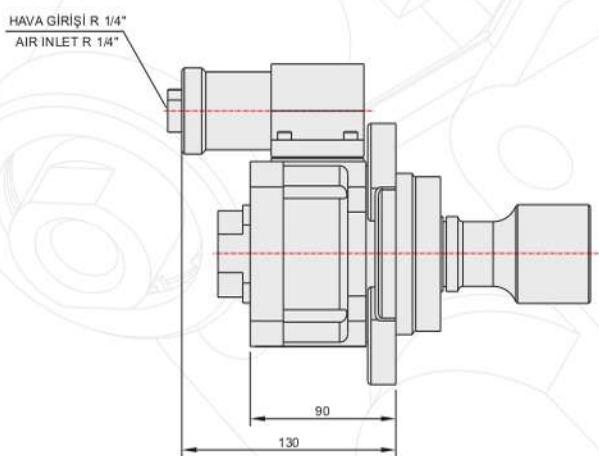
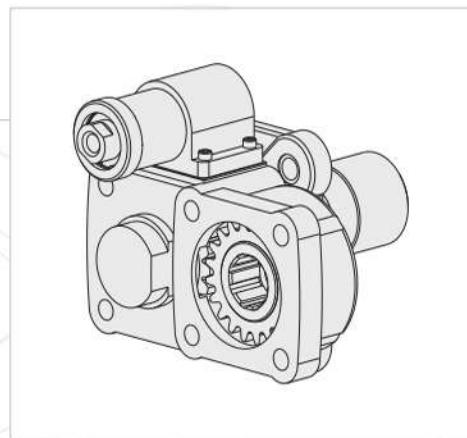



VOLVO SR70

Adet	Parça No	Parça Adı	Kod
1	1	Gövde	50913321-01
1	2	Nk 30/20A Rulman	50913321-02
1	3	31x52x4 Bronz Pul	50913321-03
1	4	Grup Dislisi	50913321-04
1	5	Kavrama Dislisi	50913321-05
1	6	Zf2 Merkezleme Pulu	50913321-06
1	7	Hilal	50913321-07
1	8	Pnömatik Piston Yayı	50913321-08
1	9	Pnömatik Piston	50913321-09
1	10	3x27 O-ring	50913321-10
1	11	33x25x5,5 Nutring	50913321-11
1	12	Pnömatik Kapak	50913321-12
1	13	29,75x3,53 O-ring	50913321-13
1	14	472-36 Segman	50913321-14
1	15	Pnömatik Kovan Contası	50913321-15
2	26	Segman	50913321-26
1	27	Rulman	50913321-27
1	28	SR70 Kardan Mili	50913321-28
1	29	Segman	50913321-29
39		TOPLAM PARÇA SAYISI	

Adet	Parça No	Parça Adı	Kod
1	16	Pnömatik Kovan	50913321-16
4	17	M5x20 Imbus	50913321-17
1	18	8x20 Dişli	50913321-18
1	19	Conta	50913321-19
2	20	M12x45 Aks Saplama	50913321-20
4	21	M12x120 Aks Saplama	50913321-21
2	22	M12x90 Ciyata	50913321-22
1	23	Conta	50913321-23
2	24	M12x90 Ciyata	50913321-24
1	25	SR70 Plate	50913321-25
2	26	Segman	50913321-26
1	27	Rulman	50913321-27
1	28	SR70 Kardan Mili	50913321-28
1	29	Segman	50913321-29

VOLVO / SR70

50913321

GENEL BİLGİLER/GENERAL DATA

P.T.O. KODU / P.T.O. CODE		
Tork / Torque	24 Kgm	235,4 Nm
Güç(1000 rpm) / Power	30,6 Hp	22,9 Kw
Devir / Speed	1000 rpm	1000 rpm
Oran / Ratio	1/1,2	1/1,2
Ağırlık / Weight	14 kg	30,8 lb
Bağlantı / Mounting	Kuyruk	Rear
Kumanda / Control	Havali	Pneumatic
Dönüş / P.T.O. Rotation	Sol - ISO	Left - ISO

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the chosen pump has to be opposite with the rotation of P.T.O.

Ana Şanzıman / Gearbox

SR/R 70-72

Kullanılan Bazı Araçlar / Used Vehicles

FL 7 - FL 10 - F 10 - F12 - N 12 - N 10
NL 12 VOLVO

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

POWER TAKE OFF

P.T.O.

P