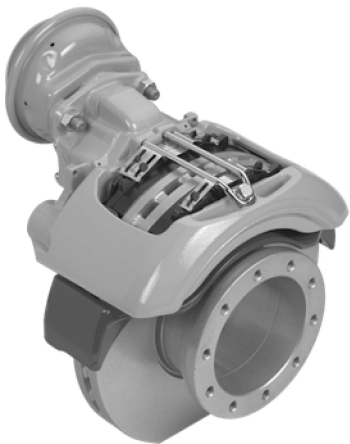


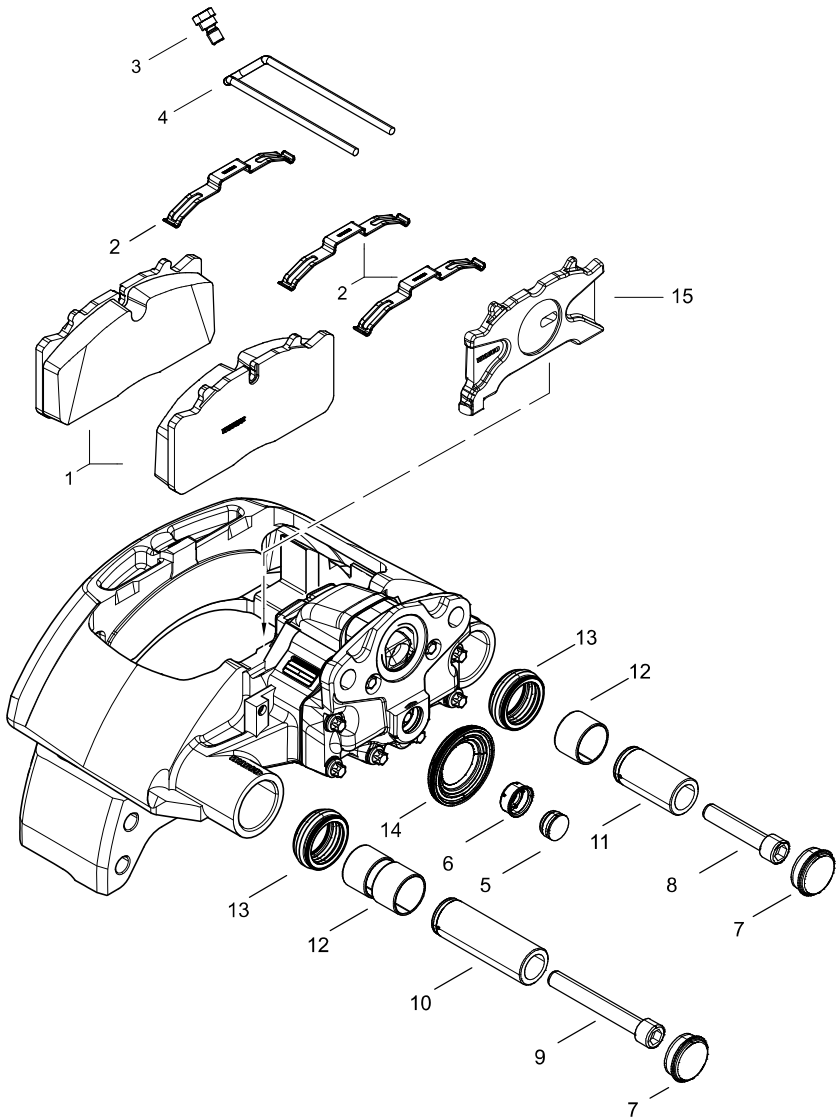
AIR DISC BRAKES

PAN® RANGE					
	Technical Data	PAN® 17	PAN® 19	PAN® 22	PAN® 25
	Braking torque	10,000 Nm / 7,400 ft lbs	17,000 Nm / 12,500 ft lbs	Truck: 23,000 Nm / 17,000 ft lbs Trailer: 21,000 Nm / 15,500 ft lbs	25,000 Nm / 18,400 ft lbs
	Disc dimension	330×34 mm / 13×1.3 in	375×45 mm / 14.8×1.8 in	430×45 mm / 17×1.8 in	525×41 mm / 20.7×1.6 in
	Pad surface area	240 cm ² / 37 in ²	292 cm ² / 45 in ²	340 cm ² / 53 in ²	340 cm ² / 53 in ²
	Pad thickness	19 mm / 0.75 in	21 mm / 0.83 in	23 mm / 0.91 in	23 mm / 0.91 in
	Weight (incl. pads)	23 kg / 51 lb	32 kg / 71 lb	36 kg / 79 lb	39 kg / 86 lb
	Rim size	17.5 in	19.5 in & 22.5 in	22.5 in	25 in
	Max. actuator size	Type 20	Type 24	Type 24	Type 24

AIR DISC BRAKES

PAN® 17						
	Brake Pad Formula	Application	Service Part	Part No.	OE Production No.	Comments
	Jurid 539-20	IMT	Brake w/o pads	40 175 072 40 175 073	Left hand brake: 40 175 090 Right hand brake: 40 175 091	Left hand brake Right hand brake
			Brake pad kit	12 999 806		1, 2, 3, 4, 5
			Seals and guide bolt	12 999 699VT		5, 7, 8, 9, 10, 11, 12, 13, 14
			Seals for clamping unit	640 175 920 2		5, 6, 14
			Pressure plate	640 175 940 2		15

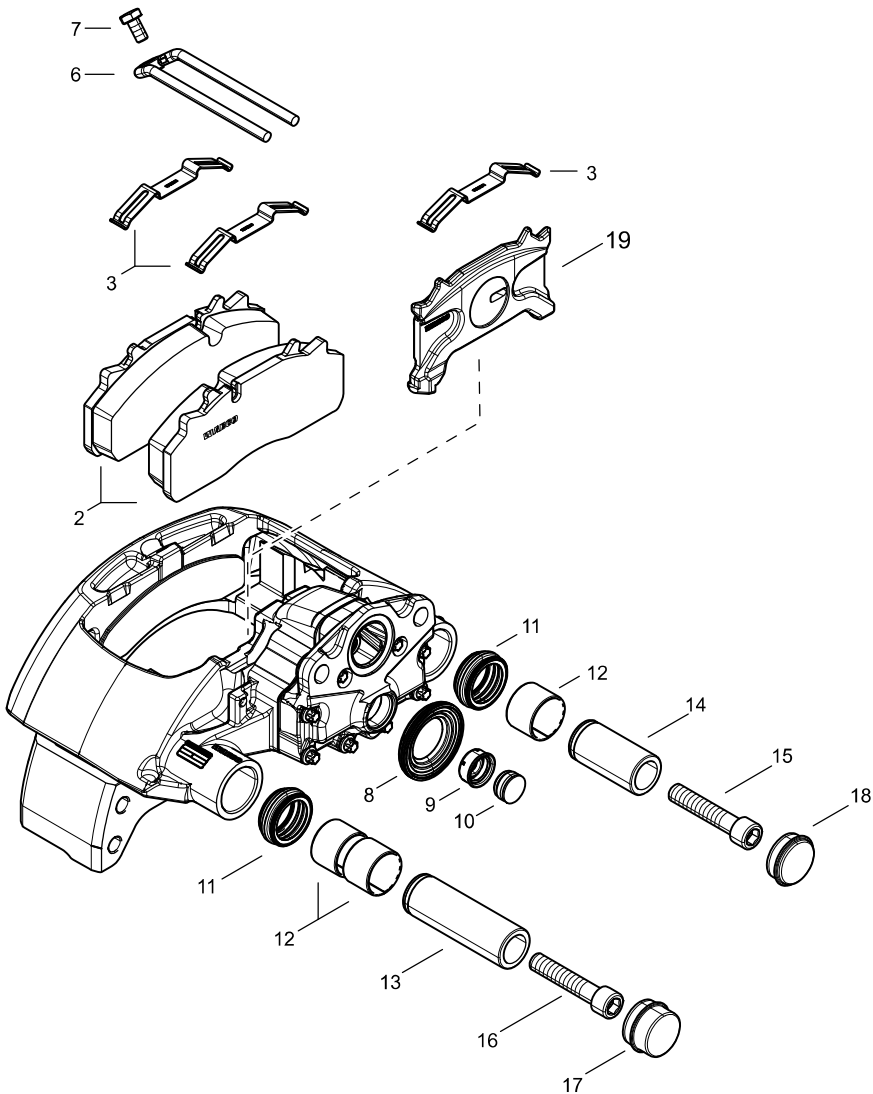
Changing out the bolt kits requires tool set 640 195 522 2 & 640 175 521 2 (page 12-12).



AIR DISC BRAKES

PAN® 19						
	Brake Pad Formula	Application	Service Part	Part No.	OE Production No.	Comments
	Jurid 539-20	IMT	Brake w/o pads	40 195 037 40 195 038	Left hand brake: 40 195 027 Right hand brake: 40 195 028	Left hand brake Right hand brake
			Brake pad kit	12 999 737VT		2, 3, 6, 7, 10
			Seals and guide bolt	640 225 921 2		8, 10, 11, 12, 13, 14, 15, 16, 17, 18
			Seals for clamping unit	640 175 920 2		8, 9, 10
			Pressure plate	640 195 936 2		19

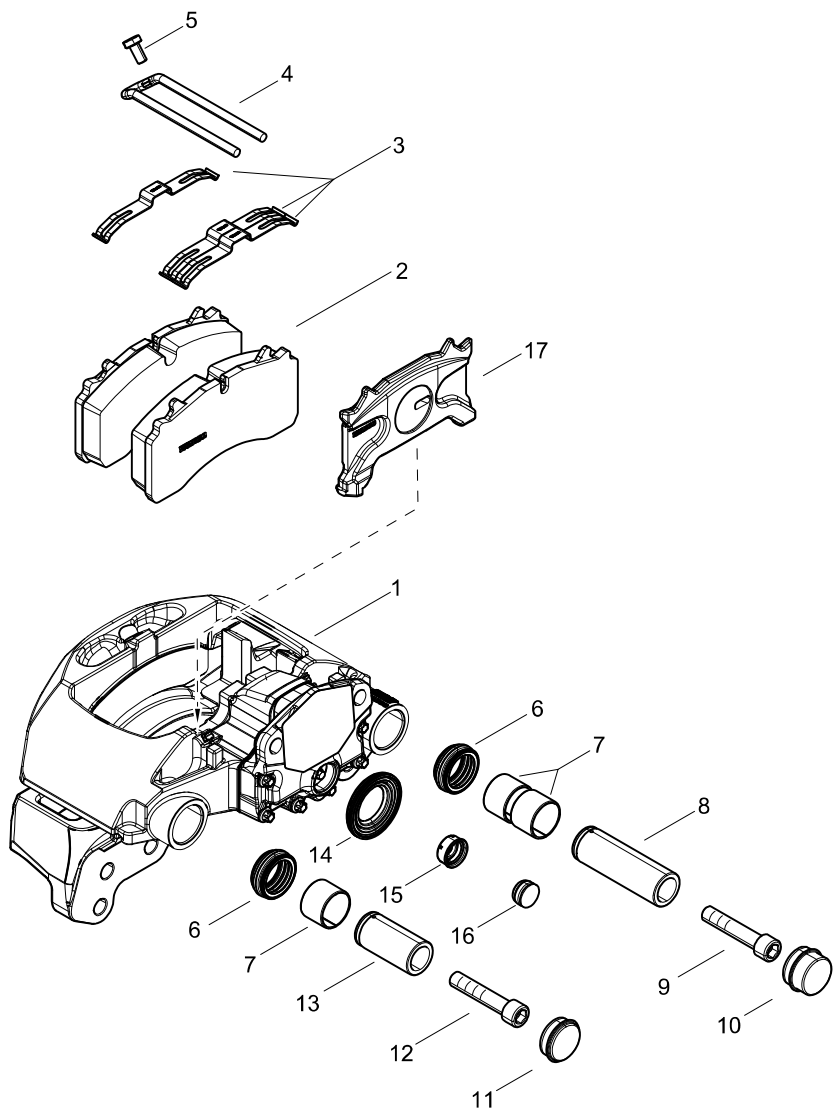
Changing out the bolt kits requires tool set 640 195 522 2 & 640 195 521 2 (page 12-12).



AIR DISC BRAKES

PAN® 22						
	Brake Pad Formula	Application	Service Part	Part No.	Series Part No.	Comments
	WABCO 230	Hendrickson, Meritor	Brake w/o pads	640 225 080 0 640 225 081 0	Left hand brake: 640 225 036 0 Right hand brake: 640 225 037 0	Left hand brake Right hand brake
			Brake pad kit	640 225 922 2		2, 3, 4, 5, 8
			Seals and guide bolt	640 225 921 2		6, 8, 9, 10, 11, 12, 13, 14, 15, 16
			Seals for clamping unit	640 175 920 2		14, 15, 16
			Pressure plate	640 225 926 2		17

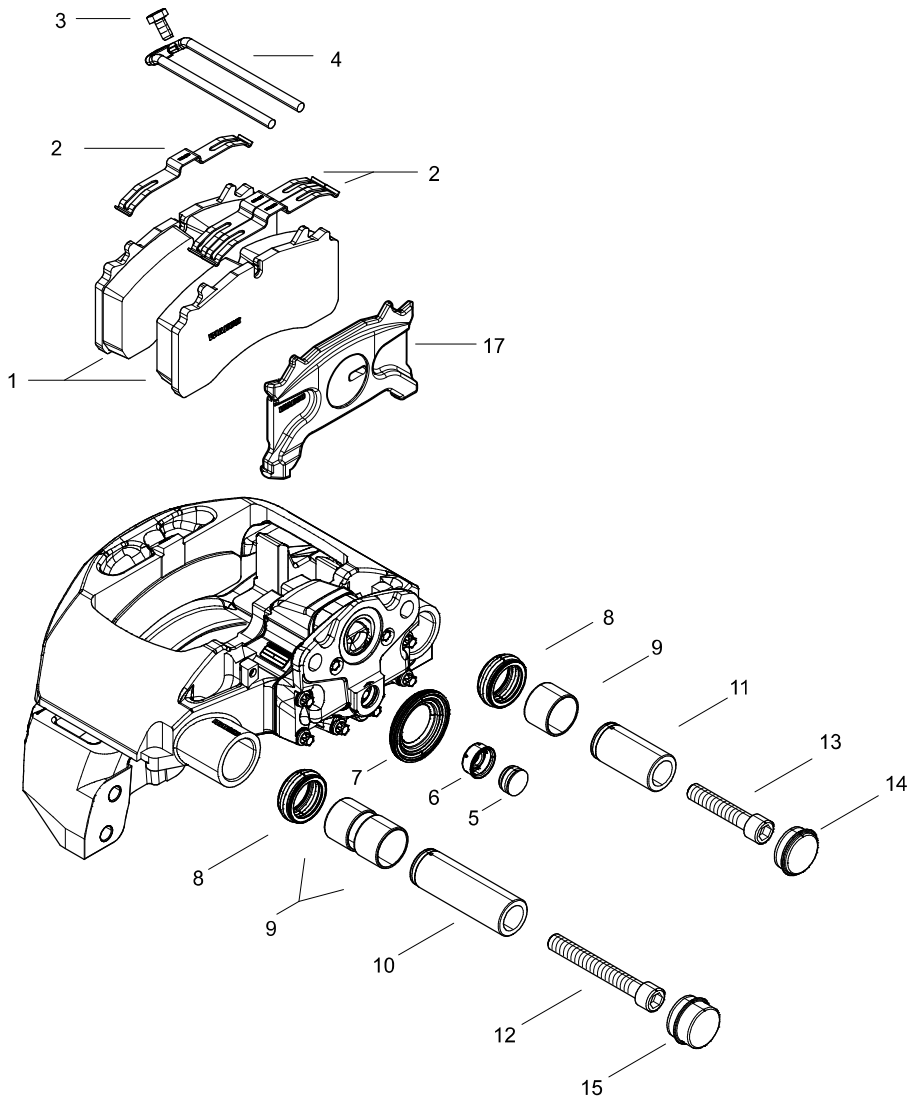
Changing out the bolt kits requires tool set 640 195 522 2 & 640 195 521 2 (page 12-12).



AIR DISC BRAKES

PAN® 22						
	Brake Pad Formula	Application	Service Part	Part No.	Series Part No.	Comments
	Jurid 539-20	Ridewell, AXN, Reyco Graning, IMT	Brake w/o pads	40 225 015 40 225 016	Left hand brake: 40 225 011 Right hand brake: 40 225 012	Left hand brake Right hand brake
			Brake pad kit	12 999 796		1, 2, 3, 4, 5
			Seals and guide bolt	640 225 921 2		5, 7, 8, 9, 10, 11, 12, 13, 14, 15
			Seals for clamping unit	640 175 920 2		5, 6, 7
			Pressure plate	640 225 926 2		17

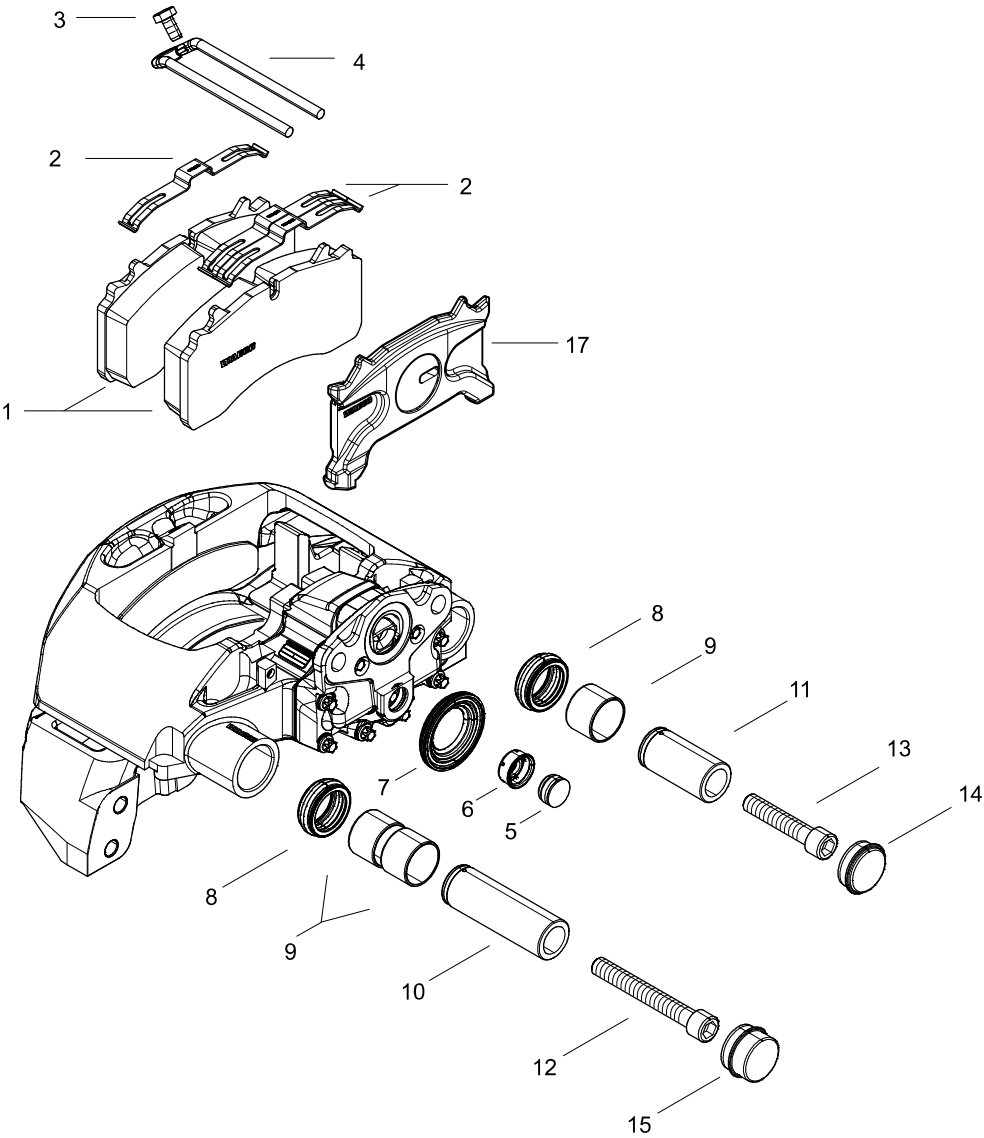
Changing out the bolt kits requires tool set 640 195 522 2 & 640 195 521 2 (page 12-12).



AIR DISC BRAKES

PAN® 22						
	Brake Pad Formula	Application	Service Part	Part No.	Series Part No.	Comments
	Jurid 539-20	Ridewell, AXN, Reyco Graning, IMT	Brake pad kit	12 999 796	Left hand brake: 640 225 032 0 Right hand brake: 640 225 033 0	1, 2, 3, 4, 5
			Seals and guide bolt	640 225 921 2		5, 7, 8, 9, 10, 11, 12, 13, 14, 15
			Seals for clamping unit	640 175 920 2		5, 6, 7
			Pressure plate	640 225 926 2		17

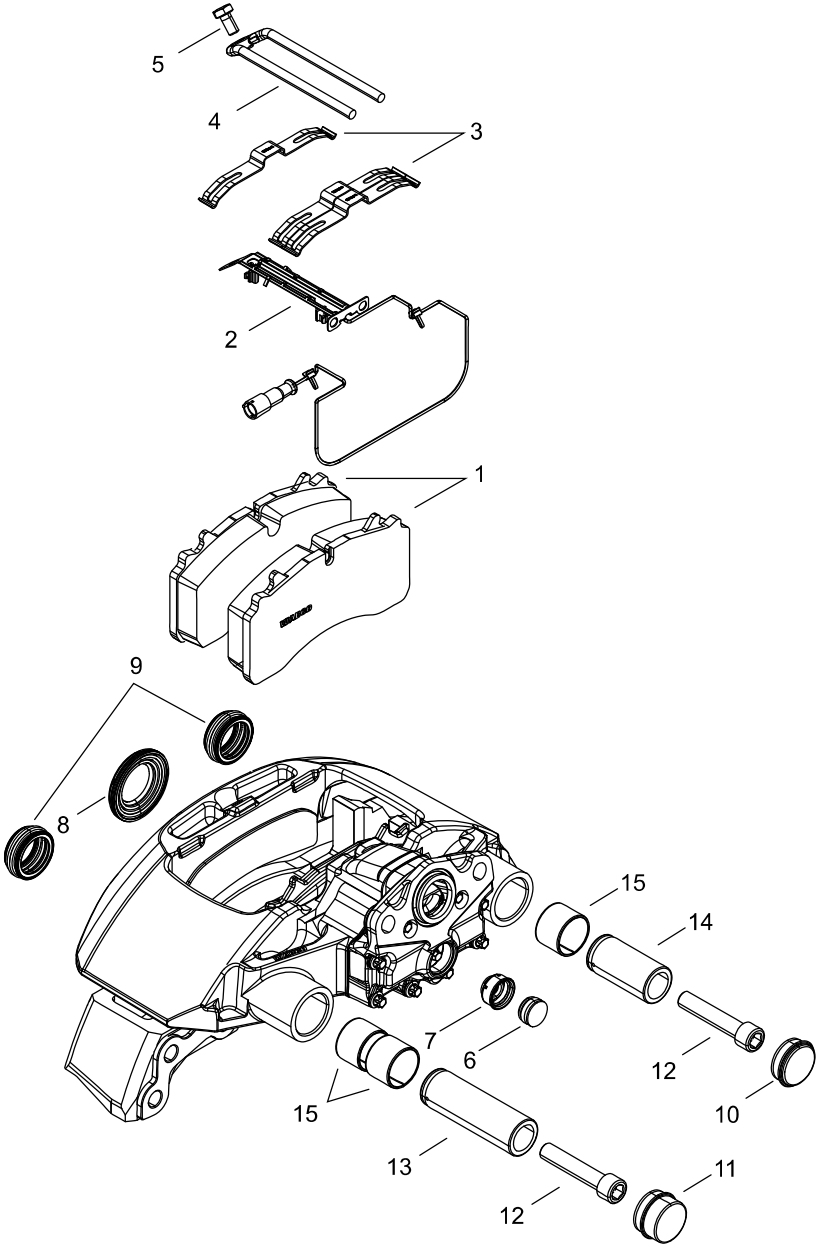
Changing out the bolt kits requires tool set 640 195 522 2 & 640 195 521 2 (page 12-12).



AIR DISC BRAKES

PAN® 25					
	Application	Service Part	Part No.	Series Part No.	Comments
	Mainly in big and special use vehicles like cranes, fire trucks, tractors or military vehicles.	Brake pad kit	640 250 921 2	Left hand brake: 640 250 004 0	1, 2, 3, 4, 5, 6
		Seals and guide bolt	12 999 738VT	Right hand brake: 640 250 005 0	6, 7, 8, 9, 10, 11, 12, 13, 14, 15
		Seals for clamping unit	640 175 920 2		6, 7, 8

Changing out the bolt kits requires tool set 640 195 522 2 & 640 195 521 2 (page 12-12).



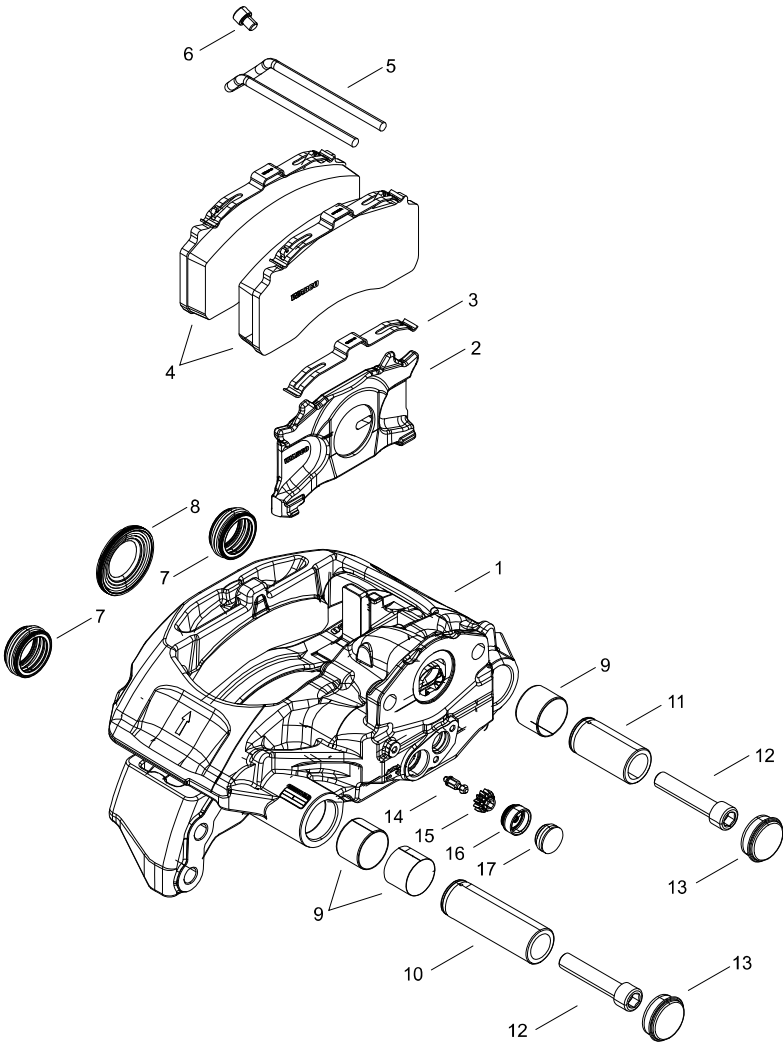
AIR DISC BRAKES

MAXX™ RANGE		
Technical Data	MAXXUS™	MAXX™ 22T
Braking torque / performance	23,000 Nm / 17,000 ft lbs	21.000 Nm / 15,500 ft lbs
Disc dimensions	430×45 mm / 16.93×1.77 in	430×45 mm / 16.93×1.77 in
Pad surface area	340 cm ² / 52.7 in ²	340 cm ² / 52.7 in ²
Pad thickness	21 mm / 0.83 in	23 mm / 0.91 in
Weight (incl. pads)	37 kg / 82 lb	32 kg / 71 lb
Rim size	22.5 in	22,5" / 22.5 in
Maximum actuator size	Type 24	Typ 22 / Type 22

AIR DISC BRAKES

MAXXUS™						
	Brake Pad Formula	Application	Service Part	Part No.	Series Production No.	Comments
	Jurid 539-20	Freightliner, Western Star	Brake w/o pads	640 322 065 0 640 322 066 0	Left hand brake: 640 322 050 0 Right hand brake: 640 322 051 0	Left hand brake Right hand brake
			Brake pads kit	640 322 934 2		3, 4, 5, 6, 17
			Seal set	640 322 932 2		7, 8
			Resetting unit	640 322 927 2		14, 15, 16, 17
			Pressure plate	640 322 935 2		2
			Seals and guide bolt	640 322 938 2		7, 8, 9, 10, 11, 12, 13, 17

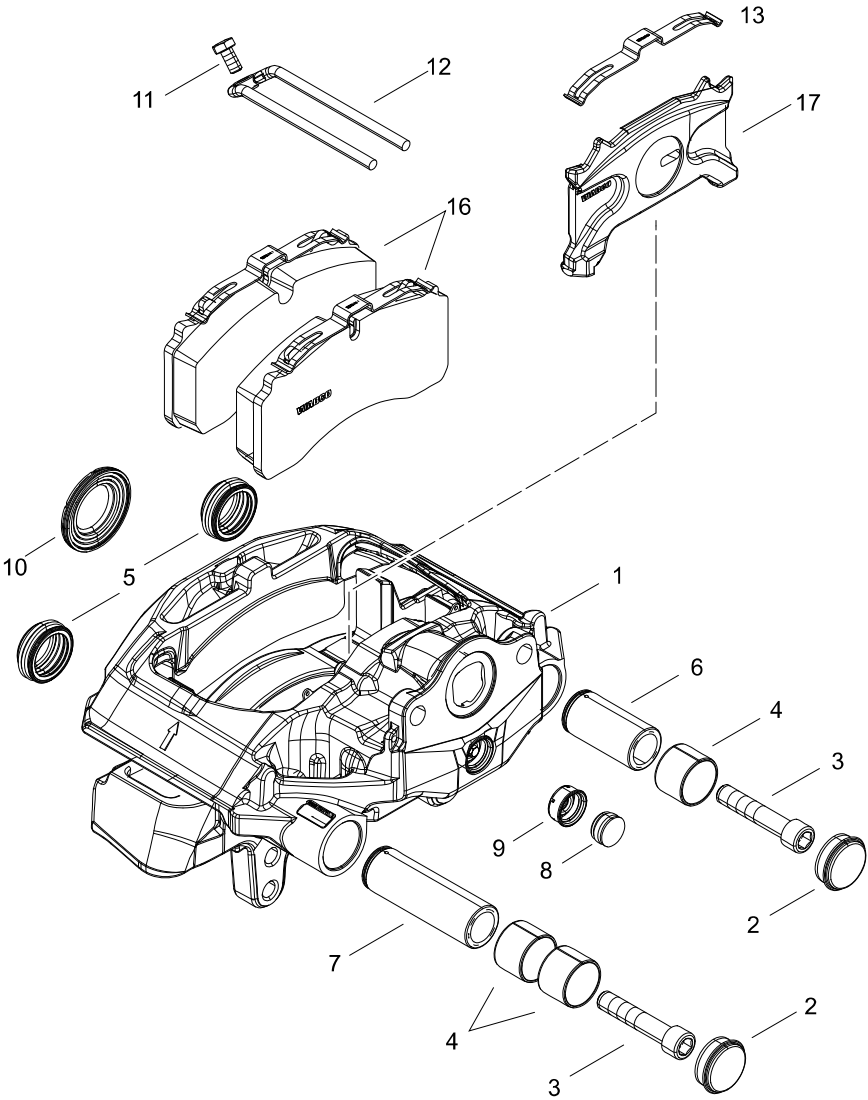
Changing out the bolt kits requires tool set 640 195 522 2 & 640 322 522 2 (page 12-12).



AIR DISC BRAKES

MAXX22T™						
	Brake Pad Formula	Application	Service Part	Part No.	Series Production No.	Comments
	WABCO 230	Trailer	Brake w/o pads	640 222 007 0 640 222 008 0	Left hand brake: 640 222 005 0 Right hand brake: 640 222 006 0	Left hand brake Right hand brake
			Brake pads kit	640 222 923 2		8, 11, 12, 13, 16
			Seals and guide bolt	640 222 920 2		2, 3, 4, 5, 6, 7, 8, 10
			Seals for clamping unit	640 175 920 2		8, 9, 10
			Pressure plate	640 225 926 2		17

Changing out the bolt kits requires tool set 640 195 522 2 & 640 322 522 2 (page12-12).

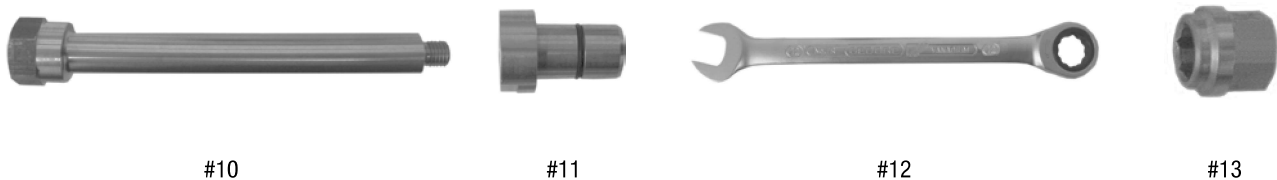


The WABCO caliper tool sets are modular tool sets for repairing WABCO calipers and adjusting the return units of truck or trailers. WABCO has designed a dedicated cranked ratchet wrench specifically to carry out this often difficult task. The tools will work with a wide range of OEM equipment, including (but not limited to) Daimler, Mercedes, MAN and Schmitz.

The WABCO caliper tool sets can be used for:

- Full servicing of PAN®17, 19, 22 and 25 brake calipers
- Full servicing of MAXXUS™ and MAXX™ brake calipers

BASIC TOOL SET 640 195 522 2



#10

#11

#12

#13

TOOL SET 640 175 521 2 FOR PAN®17



#14

#15

#16

#17

#18

#19

#20

TOOL SET 640 195 521 2 FOR PAN®19, PAN®22, PAN®25



#21

#22

#25

#26

#27

#28

TOOL SET 640 322 522 2 FOR MAXXUS™, MAXX22T™



#19

#20

#21

#22

#23

#24

#25

#26

#27

#29