

AMEIRCAN TRUCK CLUTCHES & COMPONENTS

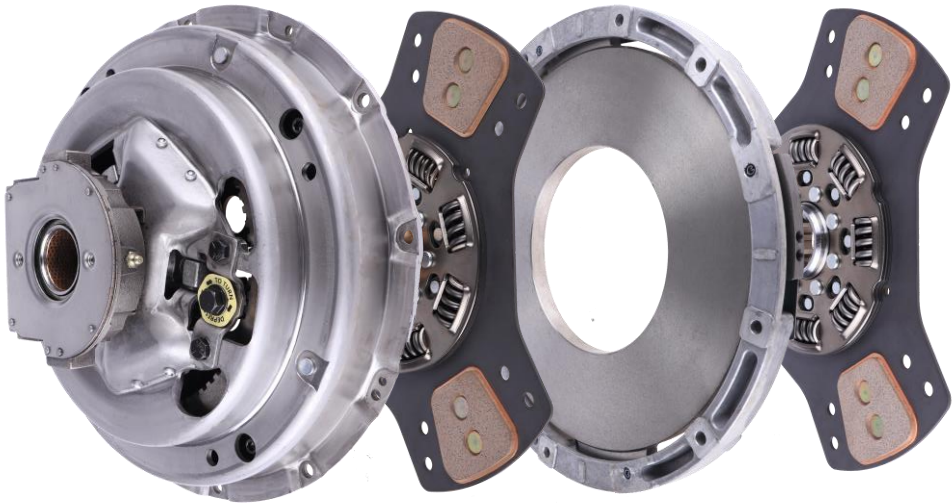


日照普拉沃夫机械制造有限公司
RIZHAO PRAWOLF MACHINERY MANUFACTURING CO., LTD.

PRAWOLF NO.	REFERENCE NO.	ADJUSTMENT TYPE	MAX TORQUE (LBS.FT.)	SPLINE	DAMPER SPRINGS	TWIN/ SINGLE	INNER DISC	INTERMEDIATE PLATE	OUTER DISC	FACING	PADDLES
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CLUTCH KITS: 14"

052 107 683 05	107683-5	Manual	620	1.75"x10	8	Single	\	\	128577	Ceramic	3
052 107 684 05	107684-5	Manual	620	1.75"x10	8	Single	\	\	128577	Ceramic	3
052 109 400 05	109400-5	Auto	620	1.75"x10	8	Single	\	\	128577	Ceramic	3
052 107 237 10	107237-10	Manual	860	1.75"x10	7+1	Twin	128668	125197	128667	Ceramic	3
052 107 237 22	107237-22	Manual	860	1.75"x10	7+1	Twin	128696	125197	128695	Ceramic	3
052 107 342 22	107342-22	Manual	860	2"x10	7+1	Twin	128694	125197	128693	Ceramic	3
052 109 500 10	109500-10	Auto	860	1.75"x10	7+1	Twin	128668	125197	128667	Ceramic	3



Prawolf Clutch & Releaser

1. Key components are all sourced from OE suppliers like Carlisle buttons and etc.
2. Longer service life and higher reliability.
3. Excellent performance with lower cost.

PRAWOLF NO.	REFERENCE NO.	ADJUSTMENT TYPE	MAX TORQUE (LBS.FT.)	SPLINE	DAMPER SPRINGS	TWIN/ SINGLE	INNER DISC	INTERMEDIATE PLATE	OUTER DISC	FACING	PADDLES
CLUTCH KITS: 15.5"											
052 108 391 74	108391-74AM	Manual	1650	2"x10	10	Twin	128258	125327	128257	Ceramic	4
052 209 701 82	209701-82	Auto	1700	2"x10	7	Twin	128462	125327	128462	Ceramic	4
052 108 925 82	108925-82AM	Manual	1700	2"x10	7	Twin	128947	125327	128947	Ceramic	4
052 108 391 91	108391-91A	Manual	1700	2"x10	10	Twin	128539	125327	128540	Ceramic	6
052 108 391 93	108391-93A	Manual	1750	2"x10	10	Twin	128539	125327	128540	Ceramic	6
052 209 701 20	209701-20	Auto	1860	2"x10	7	Twin	128708	125327	128708	Ceramic	6
052 208 925 20	208925-20	Manual	1860	2"x10	7	Twin	128708	125327	128708	Ceramic	6
052 108 925 20	108925-20AM	Manual	1860	2"x10	7	Twin	128937	125327	128937	Ceramic	6
052 209 701 25	209701-25	Auto	2050	2"x10	7	Twin	128709	125327	128709	Ceramic	6
052 208 925 25	208925-25	Manual	2050	2"x10	7	Twin	128709	125327	128709	Ceramic	6



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AMERICAN TRUCK Clutch Kit

PRAWOLF NO.	REFERENCE NO.	MAX TORQUE (LBS.FT.)	SPLINE	DAMPER SPRINGS	TWIN/ SINGLE	PRESSURE PLATE	INNER DISC	INTERMEDIATE PLATE	OUTER DISC	RELEASER	FACING	PADDLES
CLUTCH KITS: 365 mm												
052 104 111 01	104111-1	660	1.75"x10N	8	Single	138206-1	\	\	128658	1271029	Organic	\
052 104 101 08	104101-8	660	1.75"x10N	8	Single	138206-1	\	\	128658	125563	Organic	\
052 104 104 02	104104-2	660	1.75"x10N	8	Single	138007-2	\	\	128658	1271029	Organic	\
052 104 100 02	104100-2	660	1.75"x10N	8	Single	138006-1	\	\	128666	1271029	Ceramic	3
052 104 200 01	104200-1	860	1.75"x10N	7+1	Twin	138005-1	128698	C213C012	128697	1271010	Ceramic	3



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AMERICAN TRUCK Clutch Kit

PRAWOLF NO.	REFERENCE NO.	MAX TORQUE (LBS.FT.)	SPLINE	DAMPER SPRINGS	TWIN/ SINGLE	PRESSURE PLATE	INNER DISC	INTERMEDIATE PLATE	OUTER DISC	RELEASER	FACING	PADDLES
CLUTCH KITS: 395 mm												
052 104 700 03	104700-3	1280	1.75"x10N	6	Single	138200-2	\	\	128758	125716	Organic	\
052 104 711 01	104711-1	1280	1.75"x10N	6	Single	138213-1	\	\	128758	125713	Organic	\



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AMERICAN TRUCK Clutch Kit

PRAWOLF NO.	REFERENCE NO.	ADJUSTMENT TYPE	SPLINE	DAMPER SPRINGS	TWIN/ SINGLE	PRESSURE PLATE	DISC	FACING
CLUTCH KITS: 430 mm								
052 104 160 01	104460-1	\	50X46-24N	6	Single	3482 000 552	1878 003 867	Organic
052 104 461 01	104461-1	\	50X46-24N	6	Single	3482 000 553	1878 006 129	Organic
052 700 529	K-4489CL	Auto	45x50-18N	6	Single	3482 000 164	1878 007 177	Organic

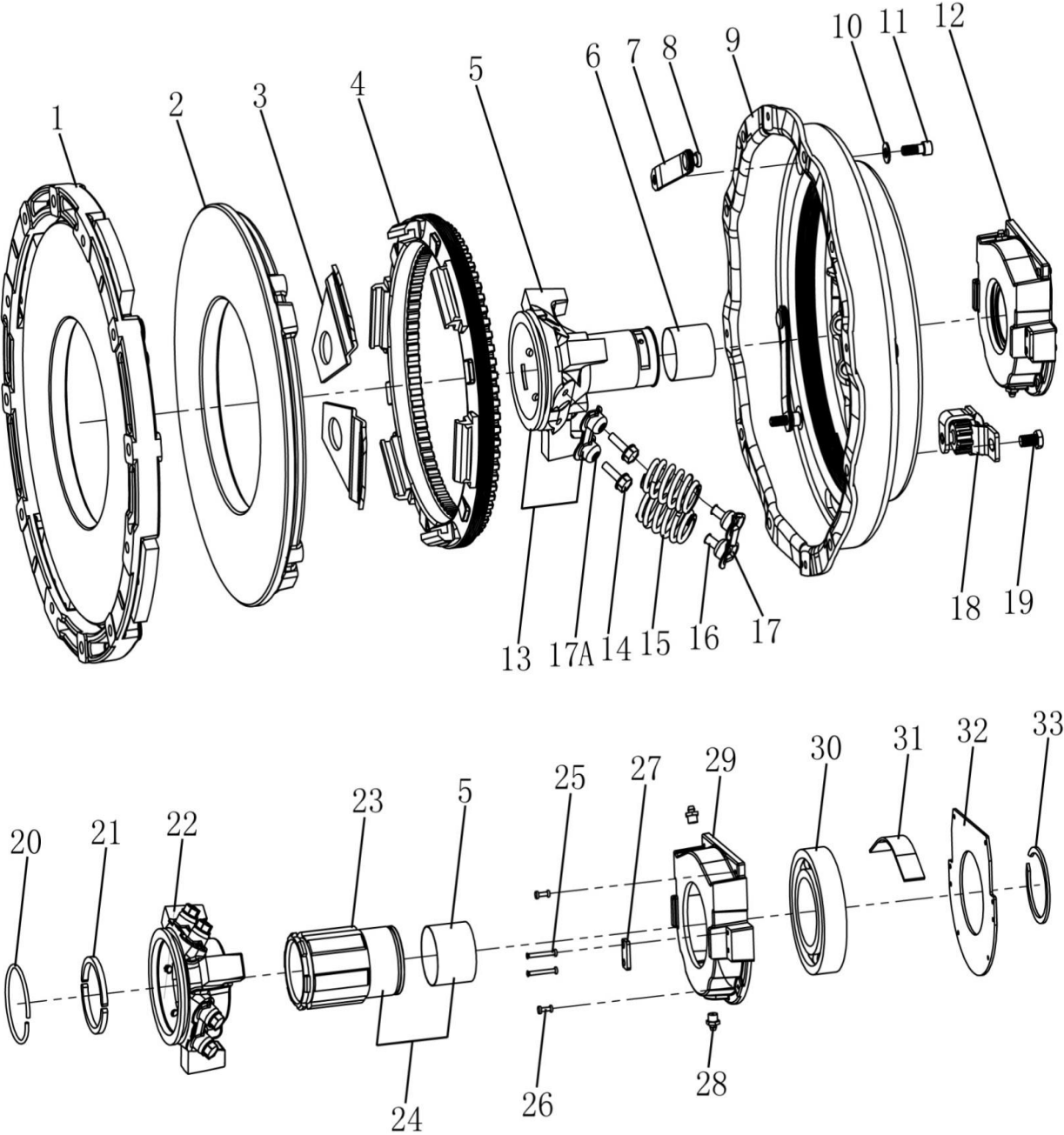


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CLUTCH COVER ASSEMBLY COMPONENTS: 14"









CLUTCH COVER ASSEMBLY COMPONENTS: 14"

No.	Ref. No.	PW No.	Description	Fit To PW No./Ref. No.	Picture
1	125197	P00400	Intermediate Plate Assembly, 14"	K0031 / 107237-22 K0035 / 107342-22 K0039 / 109500-10 K0042 / 107237-10	
2		P00369	Pressure Plate, 14" SOLO	K0023 / 109400-5 K0039 / 109500-10	
2	170C-428	P00422	Pressure Plate, 14" Manual adjusting	K0024 / 107683-5 K0025 / 107684-5 K0031 / 107237-22 K0035 / 107342-22 K0042 / 107237-10	
3		P30276	Lever (Knife Design)	K0045/108925-82, K0048/108391-74 K0041/208925-20, K0044/108925-20 K0040/208925-25, K0042/107237-10 K0031/107237-22, K0035/107342-22 K0039/109500-10	
3		P30275	Lever (Knife Design)	K0023 / 109400-5 K0024 / 107683-5 K0025 / 107684-5	
4	195C-92	P00423	Adjusting Ring (Knife Design), 14" Manual adjusting	K0024 / 107683-5 K0025 / 107684-5 K0042 / 107237-10 K0031 / 107237-22 K0035 / 107342-22	

CLUTCH COVER ASSEMBLY COMPONENTS: 14"

No.	Ref. No.	PW No.	Description	Fit To PW No./Ref. No.	Picture
5		P00460	Unitized Retainer, Single Plate 1.75"	K0023 / 109400-5 K0024 / 107683-5	
5		P00462	Unitized Retainer, Two Plates 1.75"	K0042 / 107237-10 K0031 / 107237-22 K0039 / 109500-10	
6	257C-30	P00428	Bushing-Release Sleeve-2", Φ2.067"x1.496"x0.024"	K0035 / 107342-22 K0048 / 108391-74 K0045 / 108925-82 K0038 / 209701-82 K0036 / 209701-20 K0037 / 209701-25 K0041 / 208925-20 K0044 / 108925-20 K0040 / 208925-25	
6	257C-29	P00429	Bushing-Release Sleeve-1.75", Φ.811"x1.496"x0.024"	K0023 / 109400-5 K0024 / 107683-5 K0031 / 107237-22 K0039 / 109500-10 K0042 / 107237-10 K0025 / 107684-5	
9	125409	P00421	Flywheel Ring,14" Manual Adjusting	K0024 / 107683-5 K0025 / 107684-5 K0031 / 107237-22 K0035 / 107342-22 K0042 / 107237-10	
12	125126	P00461	Release Bearing & Housing Assembly – Greaseable & Two Zerks, Assembling with Unitized Retainer	K0024 / 107683-5 K0023 / 109400-5 K0042 / 107237-10 K0031 / 107237-22 K0039 / 109500-10	

CLUTCH COVER ASSEMBLY COMPONENTS: 14"

No.	Ref. No.	PW No.	Description	Fit To PW No./Ref. No.	Picture
13	125129	P00460 & P50163	Unitized Retainer & Spring Pivot Assembly- SinglePlate-1.75"	K0023 / 109400-5 K0024 / 107683-5	
13	125125	P00462 & P50163	Unitized Retainer & Spring Pivot Assembly- Two Plate-1.75"	K0042 / 107237-10 K0031 / 107237-22 K0039 / 109500-10	
15	277C96	P30274	Spring-Pressure, Red	K0023 / 109400-5 K0024 / 107683-5 K0025 / 107684-5 K0031 / 107237-22 K0035 / 107342-22	
15	277C149	P30280	Spring-Pressure, Blue	K0039 / 109500-10 K0042 / 107237-10	
17	178C6	P50149	Pivot-Pressure Spring, Assembling with flywheel ring	K0023/109400-5, K0024/107683-5 K0025/107684-5, K0031/107237-22 K0035/107342-22, K0036/209701-20 K0037/209701-25, K0038/209701-82 K0039/109500-10, K0040/208925-25 K0041/208925-20, K0042/107237-10 K0044/108925-20AM K0045/108925-82AM K0048/108391-74AM	
17	178C17	P50163	Pivot-Pressure Spring, Assembling with Retainer	K0023 / 109400-5 K0024 / 107683-5 K0025 / 107684-5 K0031 / 107237-22 K0035 / 107342-22 K0039 / 109500-10 K0042 / 107237-10	

CLUTCH COVER ASSEMBLY COMPONENTS: 14"

No.	Ref. No.	PW No.	Description	Fit To PW No./Ref. No.	Picture
18	125489	P00413	Kiwi Adjust, 14" & 15.5"	K0024/107683-5, K0025/107684-5 K0031/107237-22, K0035/107342-22 K0041/208925-20, K0042/107237-10 K0044/108925-20, K0040/208925-25 K0048/108391-74, K0045/108925-82	
20		P70099	Snap Ring-Internal- 2.921" x .125" Dia	K0035 / 107342-22 K0025 / 107684-5	
21	236C-18	P70098	Ring-Release Sleeve-2"	K0035 / 107342-22	
21	236C8	P70102	Ring-Release Sleeve-1.75"	K0025 / 107684-5	
22	242C-109	P00472	Retainer – Release Sleeve - 2"	K0035 / 107342-22	
22	242C-101	P00482	Retainer – Release Sleeve - 1.75"	K0025 / 107684-5	

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CLUTCH COVER ASSEMBLY COMPONENTS: 14"

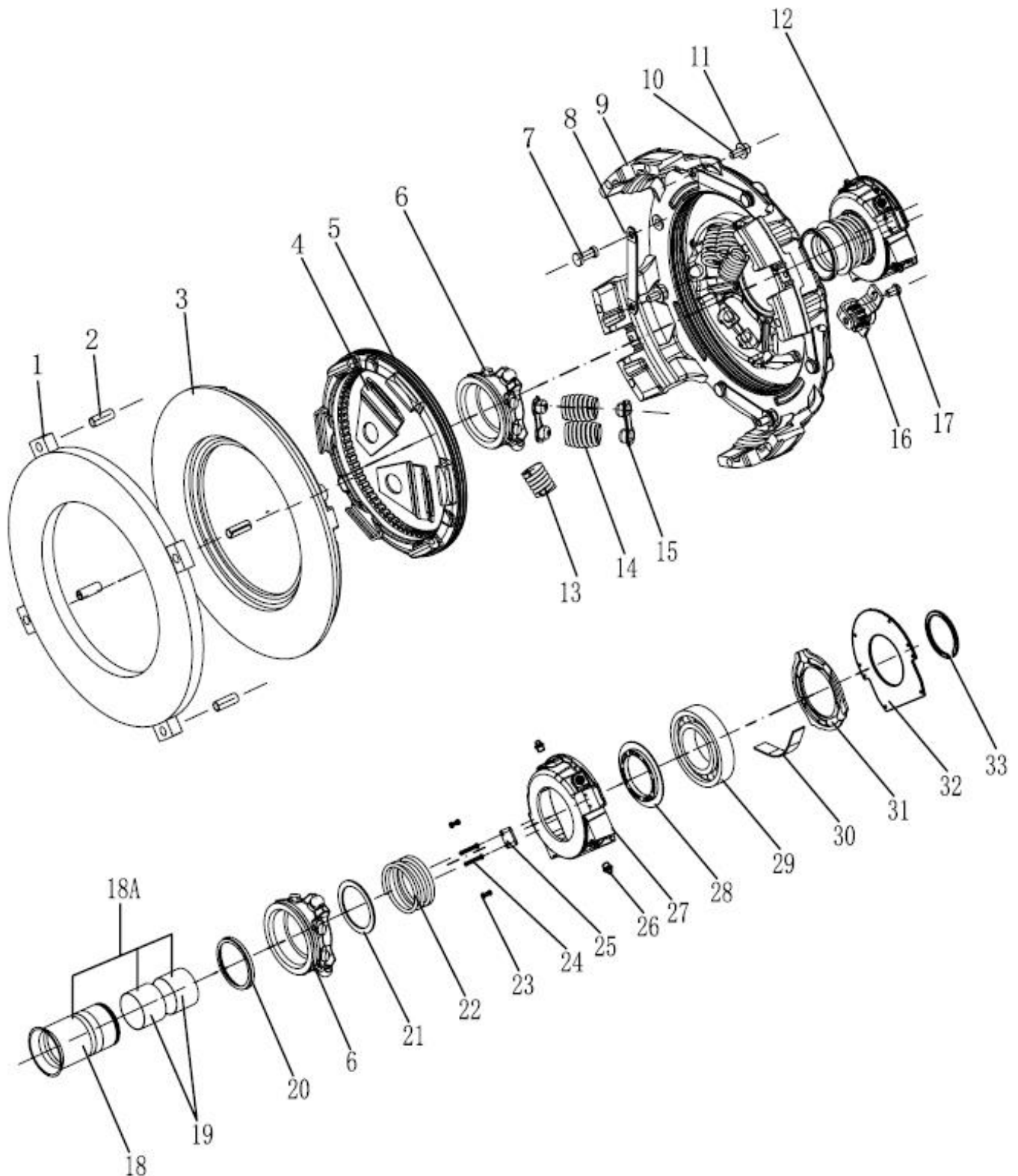
No.	Ref. No.	PW No.	Description	Fit To PW No./Ref. No.	Picture
24	127393	P00471	Release Sleeve & Bushing Assembly – 2",14" Two Plates, P00467(Sleeve) & P00428(Bushing)	K0035 / 107342-22	
24	127873	P00499	Release Sleeve & Bushing Assembly- 1.75", 14" Single Plate, P00485(Sleeve) & P00429(Bushing)	K0025 / 107684-5	
27		P00489	Pad - Release Bearing	P00461 P00488	
28	296C-12	P50181	Lube Fitting-1/8"- 27x9/32"	P00461 P00488	
29		P00483	Housing – Release Bearing(Greaseable)	P00461	
29	124C-77	P00486	Housing – Release Bearing(Greaseable)	P00488	

CLUTCH COVER ASSEMBLY COMPONENTS: 14"

No.	Ref. No.	PW No.	Description	Fit To PW No./Ref. No.	Picture
30		P00495	Release Bearing (Greaseable)	P00461	
30	550017	P00494	Release Bearing (Greaseable)	P00488	
31	189C-9	P30312	Spring – Release Bearing	P00461 P00488	
32		P00490	Cover – Release Bearing	P00461	
32	203C-7	P00491	Cover – Release Bearing	P00488	
33	236C13	P70096	Snap Ring, Internal 2.244"	K0048 / 108391-74 K0045 / 108925-82 K0038 / 209701-82 K0036 / 209701-20 K0037 / 209701-25 K0041 / 208925-20 K0044 / 108925-20 K0040 / 208925-25 K0025 / 107684-5	

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CLUTCH COVER ASSEMBLY COMPONENTS: 15.5"



CLUTCH COVER ASSEMBLY COMPONENTS: 15.5"

No.	Ref. No.	PW No.	Description	Fit To PW No./Ref. No.	Picture
1	113C166/186	P00345	Intermediate Plate,15.5"	K0036 / 209701-20 K0037 / 209701-25 K0038 / 209701-82 K0040 / 208925-25 K0041 / 208925-20 K0044 / 108925-20 K0045 / 108925-82 K0048 / 108391-74	
3	170C-536	P00416	Pressure plate,15.5" Manual Adjusting	K0040 / 208925-25 K0041 / 208925-20 K0044 / 108925-20 K0045 / 108925-82 K0048 / 108391-74	
3		P00343	Pressure Plate, 15.5" SOLO	K0036 / 209701-20 K0037 / 209701-25 K0038 / 209701-82	
4		P30276	Lever (Knife Design)	K0045 / 108925-82 K0048 / 108391-74 K0041 / 208925-20 K0044 / 108925-20 K0040 / 208925-25 K0042 / 107237-10 K0031 / 107237-22 K0035 / 107342-22 K0039 / 109500-10	
4		P30249	Lever (Knife Design)	K0036 / 209701-20 K0037 / 209701-25 K0038 / 209701-82	
5	195C-99	P00415	Adjusting Ring (Knife Design), 15.5" Manual Adjusting	K0041 / 208925-20 K0044 / 108925-20 K0040 / 208925-25 K0048 / 108391-74 K0045 / 108925-82	







CLUTCH COVER ASSEMBLY COMPONENTS: 15.5"

No.	Ref. No.	PW No.	Description	Fit To PW No./Ref. No.	Picture
6	242C-173	P00464	Retainer – Release Sleeve, 15.5"	K0048 / 108391-74 K0045 / 108925-82 K0038 / 209701-82 K0036 / 209701-20 K0037 / 209701-25 K0041 / 208925-20 K0044 / 108925-20 K0040 / 208925-25	
9	125480	P00414	Flywheel Ring,15.5" Manual Adjusting	K0040 / 208925-25 K0041 / 208925-20 K0044 / 108925-20 K0045 / 108925-82 K0048 / 108391-74	
12		P00463	Release Bearing & Housing Assembly – Greaseable & Three Zerk, 15.5" SOLO	K0048 / 108391-74 K0045 / 108925-82 K0038 / 209701-82 K0036 / 209701-20 K0037 / 209701-25 K0041 / 208925-20 K0044 / 108925-20 K0040 / 208925-25	
13	277C-353	P30251	Spring-Easy Pedal Assist	K0036 / 209701-20 K0037 / 209701-25 K0038 / 209701-82 K0040 / 208925-25 K0041 / 208925-20 K0044 / 108925-20 K0045 / 108925-82 K0048 / 108391-74	
14	277C418	P30252	Spring-Pressure, Purple	K0036 / 209701-20 K0037 / 209701-25	
14	277C383	P30254	Spring-Pressure, White (Single Line)	K0038 / 209701-82	

CLUTCH COVER ASSEMBLY COMPONENTS: 15.5"

No.	Ref. No.	PW No.	Description	Fit To PW No./Ref. No.	Picture
14	277C286	P30287	Spring-Pressure, White (Double Line)	K0040 / 208925-25 K0041 / 208925-20 K0044 / 108925-20	
14	277C216	P30289	Spring-Pressure, Yellow	K0045 / 108925-82 K0048 / 108391-74	
15	178C6	P50149	Pivot-Pressure Spring, Assembling with flywheel ring	K0023/109400-5, K0024/107683-5 K0025/107684-5, K0031/107237-22 K0035/107342-22, K0036/209701-20 K0037/209701-25, K0038/209701-82 K0039/109500-10, K0040/208925-25 K0041/208925-20, K0042/107237-10 K0044/108925-20AM K0045/108925-82AM K0048/108391-74AM	
16	125489	P00413	Kiwi Adjust, 14" & 15.5"	K0024/107683-5, K0025/107684-5 K0031/107237-22, K0035/107342-22 K0041/208925-20, K0042/107237-10 K0044/108925-20, K0040/208925-25 K0048/108391-74, K0045/108925-82	
18		P00498	Release Sleeve-2", 15.5"	K0048 / 108391-74 K0045 / 108925-82 K0038 / 209701-82 K0036 / 209701-20 K0037 / 209701-25 K0041 / 208925-20 K0044 / 108925-20 K0040 / 208925-25	
18	125388	P00465	Release Sleeve & Bushing Assembly-2", 15.5", P00498(Sleeve) & P00428(Bushing)	K0048 / 108391-74 K0045 / 108925-82 K0038 / 209701-82 K0036 / 209701-20 K0037 / 209701-25 K0041 / 208925-20 K0044 / 108925-20 K0040 / 208925-25	

CLUTCH COVER ASSEMBLY COMPONENTS: 15.5"

No.	Ref. No.	PW No.	Description	Fit To PW No./Ref. No.	Picture
19	257C-30	P00428	Bushing-Release Sleeve-2", Φ2.067"x1.496"x0.04"	K0035 / 107342-22 K0048 / 108391-74 K0045 / 108925-82 K0038 / 209701-82 K0036 / 209701-20 K0037 / 209701-25 K0041 / 208925-20 K0044 / 108925-20 K0040 / 208925-25	
20	200C-155	P70095	Thrust Washer	K0048 / 108391-74 K0045 / 108925-82 K0038 / 209701-82 K0036 / 209701-20 K0037 / 209701-25 K0041 / 208925-20 K0044 / 108925-20 K0040 / 208925-25	
21	200C156	P70097	Washer	K0048 / 108391-74 K0045 / 108925-82 K0038 / 209701-82 K0036 / 209701-20 K0037 / 209701-25 K0041 / 208925-20 K0044 / 108925-20 K0040 / 208925-25	
22	277C-403	P30305	Spring	K0048 / 108391-74 K0045 / 108925-82 K0038 / 209701-82 K0036 / 209701-20 K0037 / 209701-25 K0041 / 208925-20 K0044 / 108925-20 K0040 / 208925-25	
25		P00497	Pad - Release Bearing	P00463	
26	296C-12	P50181	Lube Fitting-1/8"- 27x9/32"	P00463	

CLUTCH COVER ASSEMBLY COMPONENTS: 15.5"

No.	Ref. No.	PW No.	Description	Fit To PW No./Ref. No.	Picture
27		P00496	Housing – Release Bearing (Greaseable)	P00463	
28		P70106	Front Slinger – Release Bearing	P00463	
29	550017	P00494	Release Bearing (Greaseable)	P00463	
30	189C-9	P30312	Spring – Release Bearing	P00463	
31		P70105	Rear Slinger	P00463	
32	203C-7	P00491	Cover – Release Bearing	P00463	



Clutch Components

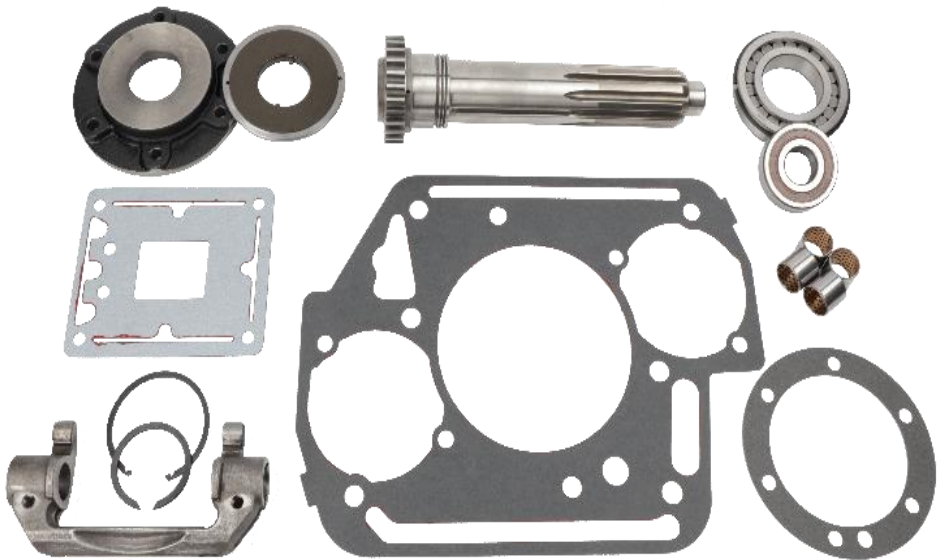
CLUTCH COVER ASSEMBLY COMPONENTS: 15.5"

No.	Ref. No.	PW No.	Description	Fit To PW No./Ref. No.	Picture
33	236C13	P70096	Snap Ring, Internal 2.244"	K0048 / 108391-74 K0045 / 108925-82 K0038 / 209701-82 K0036 / 209701-20 K0037 / 209701-25 K0041 / 208925-20 K0044 / 108925-20 K0040 / 208925-25 K0025 / 107684-5	

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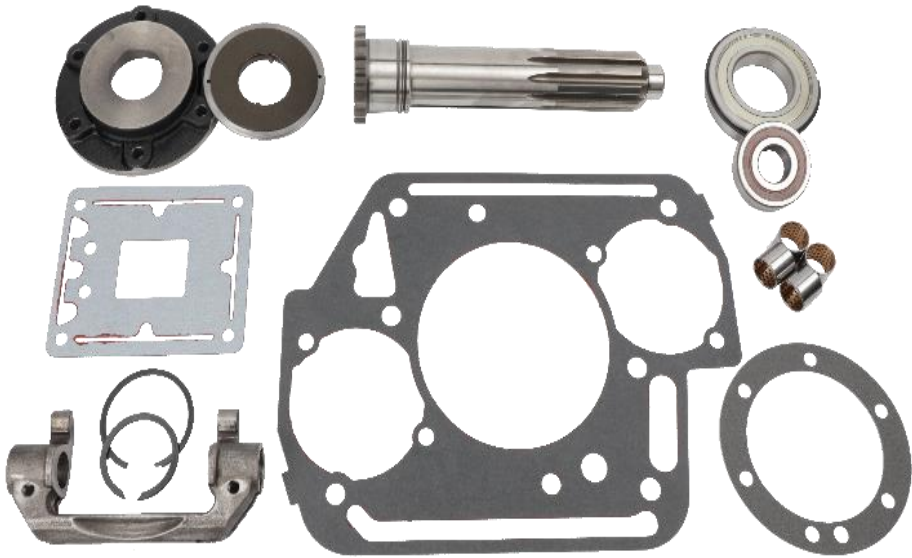
CLUTCH INSTALLATION KIT

S/N.	Prawolf No.	OEM Reference	Qty.	Description
	K0032	K3600		CLUTCH INSTALLATION KIT
1	P00453	12815	4	BUSHING, CL REL SHAFT
2	P70089	16980	1	SNAP RING
3	P00454	20550	1	COVER,FRONT BRG
4	P00455	4301417	1	BEARING, ROLLER
5	P70090	4303362	1	SNAP RING
6	P00456	5566505	1	BEARING, BALL
7	P00451	85533	1	YOKE, CL REL 105-C-137
8	B0130	85541	1	DISC ASSY, CL BRAKE
9	K0034	K-3453	1	GASKET KIT
10	P00457	S-2822	1	INPUT SHAFT ASSY








CLUTCH INSTALLATION KIT

S/N.	Prawolf No.	OEM Reference	Qty.	Description
	K0033	K2468		CLUTCH INSTALLATION KIT
1	P00453	12815	4	BUSHING, CL REL SHAFT
2	P70094	14750	1	SNAP RING
3	P70089	16980	1	SNAP RING
4	P00454	20550	1	COVER,FRONT BRG
5	P00456	5566505	1	BEARING, BALL
6	P00459	81504	1	BEARING, BALL
7	P00451	85533	1	YOKE, CL REL 105-C-137
8	B0130	85541	1	DISC ASSY, CL BRAKE
9	K0034	K-3453	1	GASKET KIT
10	P00458	S-1659	1	INPUT SHAFT ASSY



CLUTCH LUBE TUBE ASSY

S/N.	Prawolf No.	OEM Reference	Length	Picture
1	P90115T12	CLT012P	12"	
2	P90114T09	CLT009P	9"	
3	P90113T08	CLT008P	8"	
4	P90112T07	CLT007P	7"	
5	P90111T06	CLT006P	6"	

INSTALLATION

Installation of clutch kit or clutch installation kit should only be performed by properly trained, professional technicians. Please make sure the right clutch kit or clutch installation kit is chosen before installation.

WARRANTY

The following warranty coverages only for complete clutch kit from Prawolf, separate clutch parts like cover, disc, releaser or components are not included. And this warranty will not apply if any parts has been modified, damaged or is defective as a result of any accident, misuse, use in competitive applications, improper installation, negligence, repair or alteration. Also it's in no event will Prawolf be liable for incidental, special or consequential damages including, but not limited to, any labor costs.

On Highway

Clutch Kit with organic facing	18 months/ unlimited miles
Clutch Kit with ceramic facing	24 months/unlimited miles
AMT Clutch Kit	36 months/unlimited miles

Off Highway

Clutch Kit with organic facing	12 months/ 100,000 miles
Clutch Kit with ceramic facing	18 months/150,000 miles
AMT Clutch Kit	24 months/unlimited miles

HOW TO CLAIM

To make a warranty claim on clutch kit, distributors or buyers should contact Prawolf with a description of failures, use of vehicles, pictures, service life, and more details will be helpful to find the problem. Prawolf reserves all the right for the final explanation.