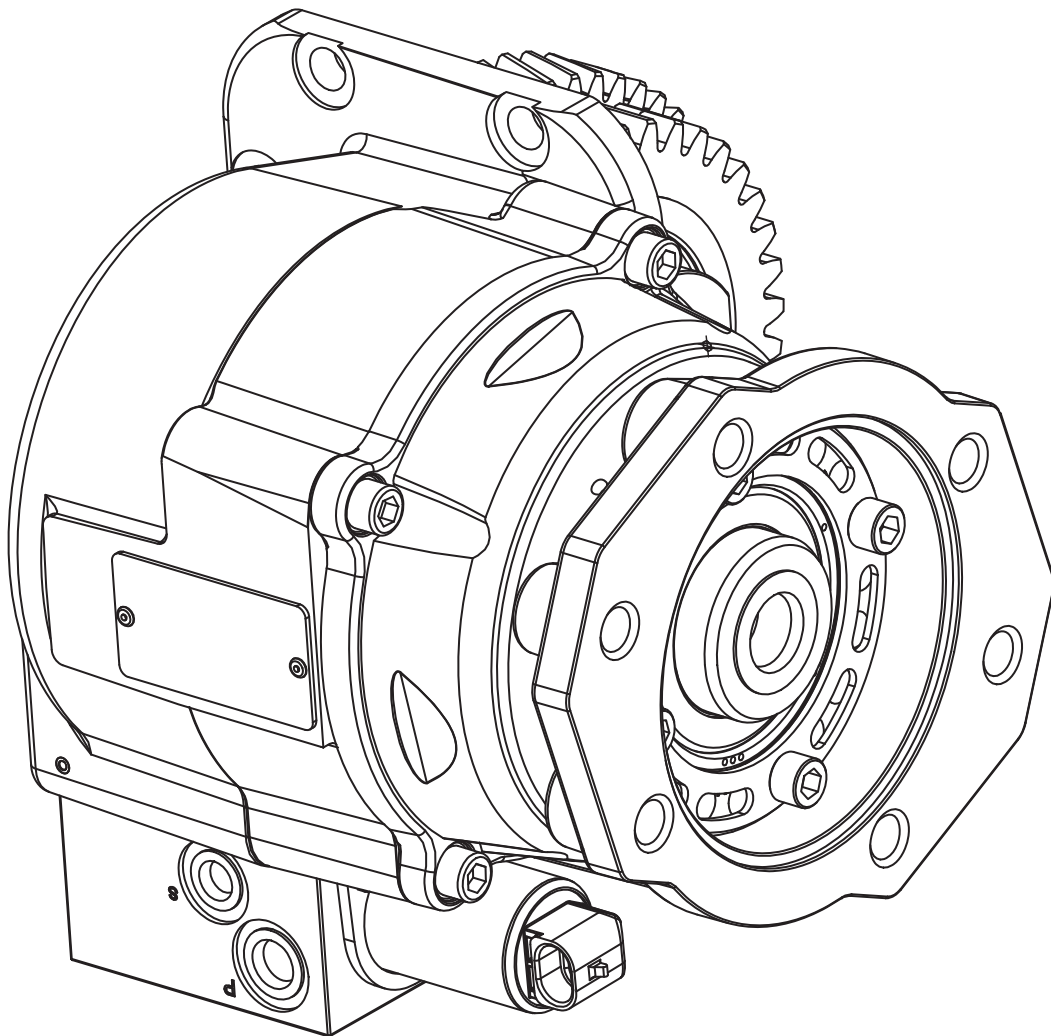




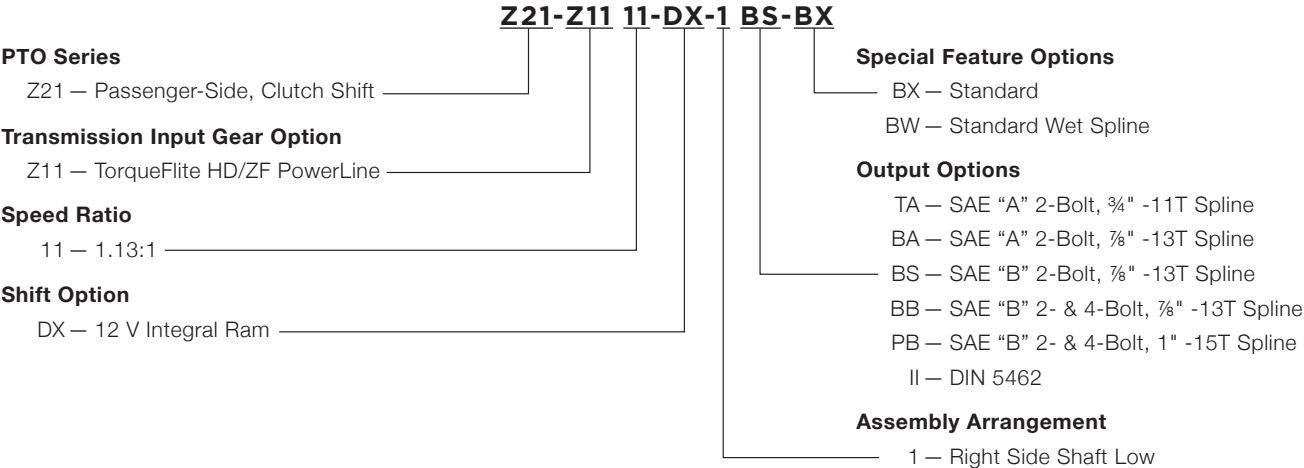
Muncie®
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Z21 SERIES PTO

PARTS LIST AND SERVICE MANUAL

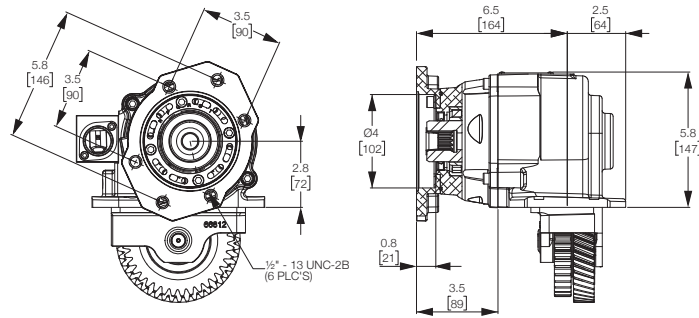


MODEL NUMBER CONSTRUCTION

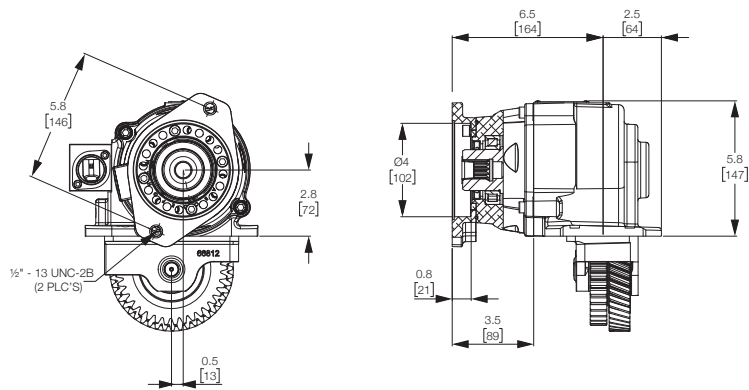


OTHER Z21 SERIES LITERATURE	
IN17-04	All PTOs Operator's Manual ES
IN25-01	Z21 Ram Installation Instructions ES
IN25-03	Z21 Ram Activation Instructions ES

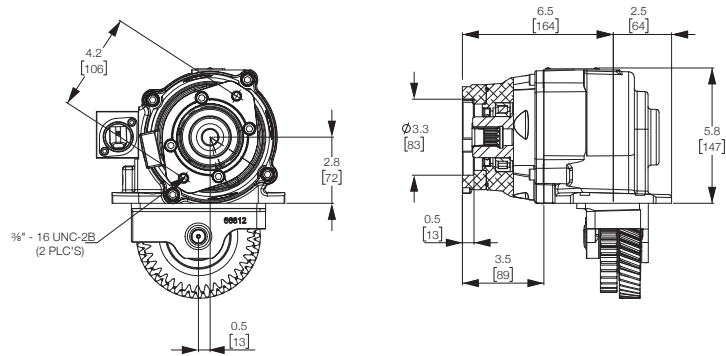
DIMENSIONS



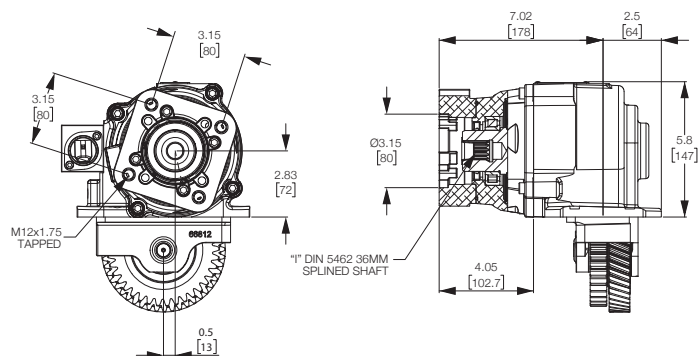
BB OUTPUT — SAE “B” 2- & 4-BOLT, 7/8" -13T SPLINE
PB OUTPUT — SAE “B” 2- & 4 BOLT, 1" -15T SPLINE



BS OUTPUT — SAE “B” 2-Bolt, 7/8" -13T SPLINE

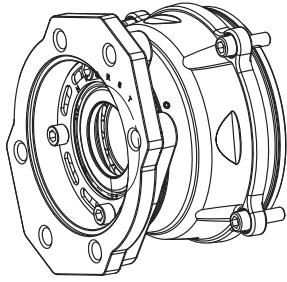


TA OUTPUT — SAE “A” 2-Bolt, 3/4" -11T SPLINE
BA OUTPUT — SAE “A” 2-Bolt, 7/8" -13T SPLINE

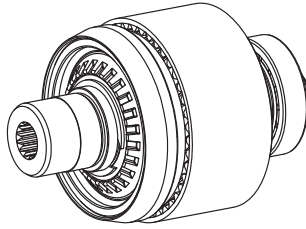


II OUTPUT — DIN 5462

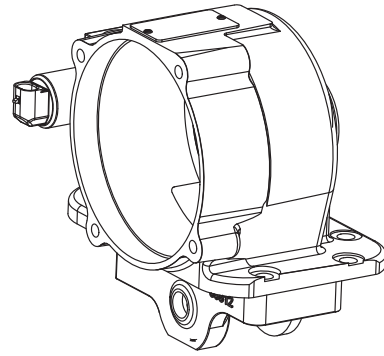
Z21 EXPLODED VIEWS



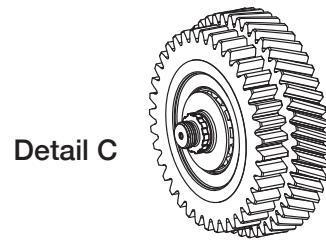
Detail D



Detail A

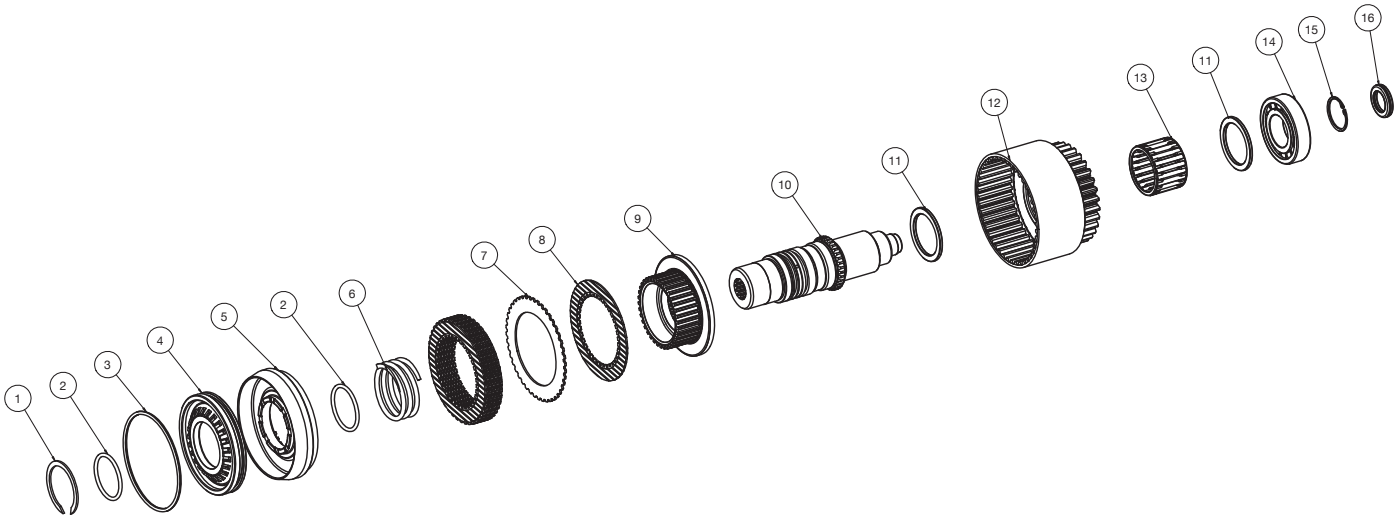


Detail B



Detail C

DETAIL A - OUTPUT SHAFT ASSEMBLY

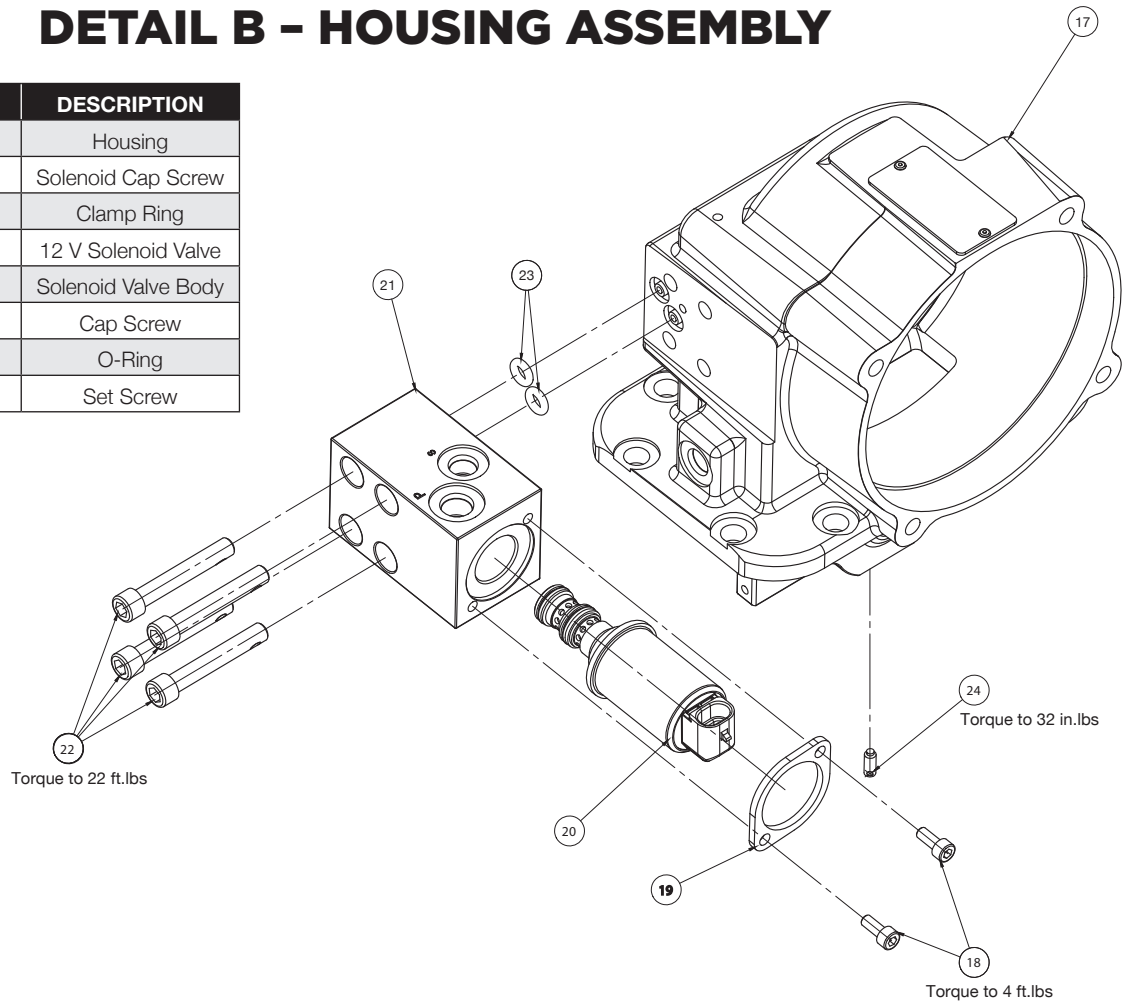


ITEM	QTY.	PART NO.	DESCRIPTION
1	1	12T43296	Retainer Ring
2	2	12T36869	O-Ring
3	1	12T36472	O-Ring
4	1	49T64945	Piston
5	1	49T43298	Piston Cup
6	1	27T36112	Piston Return Spring
7	7	49T40641	Spacer Disc
8	8	49T33564	Friction Disc
9	1	02T43059	Clutch Hub

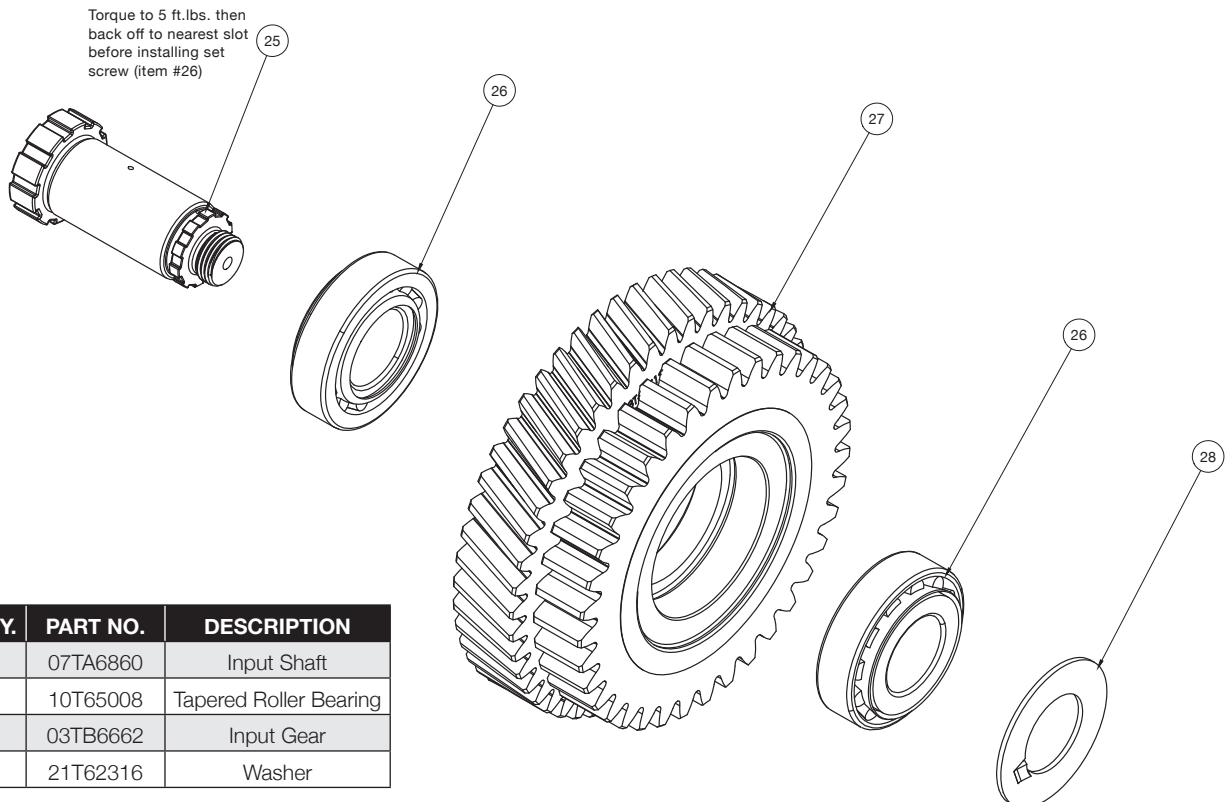
ITEM	QTY.	PART NO.	DESCRIPTION
10	1	06T66867	SAE B 7/8" -13T Shaft
		06T67527	SAE A 3/4" -11T Shaft
		06T67529	SAE B 1" -15T Shaft
		06T67530	DIN 5462 - 8T Shaft
11	2	21T66868	Thrust Washer
12	1	02TB6674	Output Gear
13	1	10T43603	Needle Bearing
14	1	10T66877	Bearing
15	1	24T36894	Snap Ring
16	1	11T66017	Shaft Seal

DETAIL B - HOUSING ASSEMBLY

ITEM	QTY.	PART NO.	DESCRIPTION
17	1	01TA6859	Housing
18	2	19T62950	Solenoid Cap Screw
19	1	49T62436	Clamp Ring
20	1	35T43600	12 V Solenoid Valve
21	1	35TA6861	Solenoid Valve Body
22	4	19T38249	Cap Screw
23	2	12T66980	O-Ring
24	1	19T63010	Set Screw

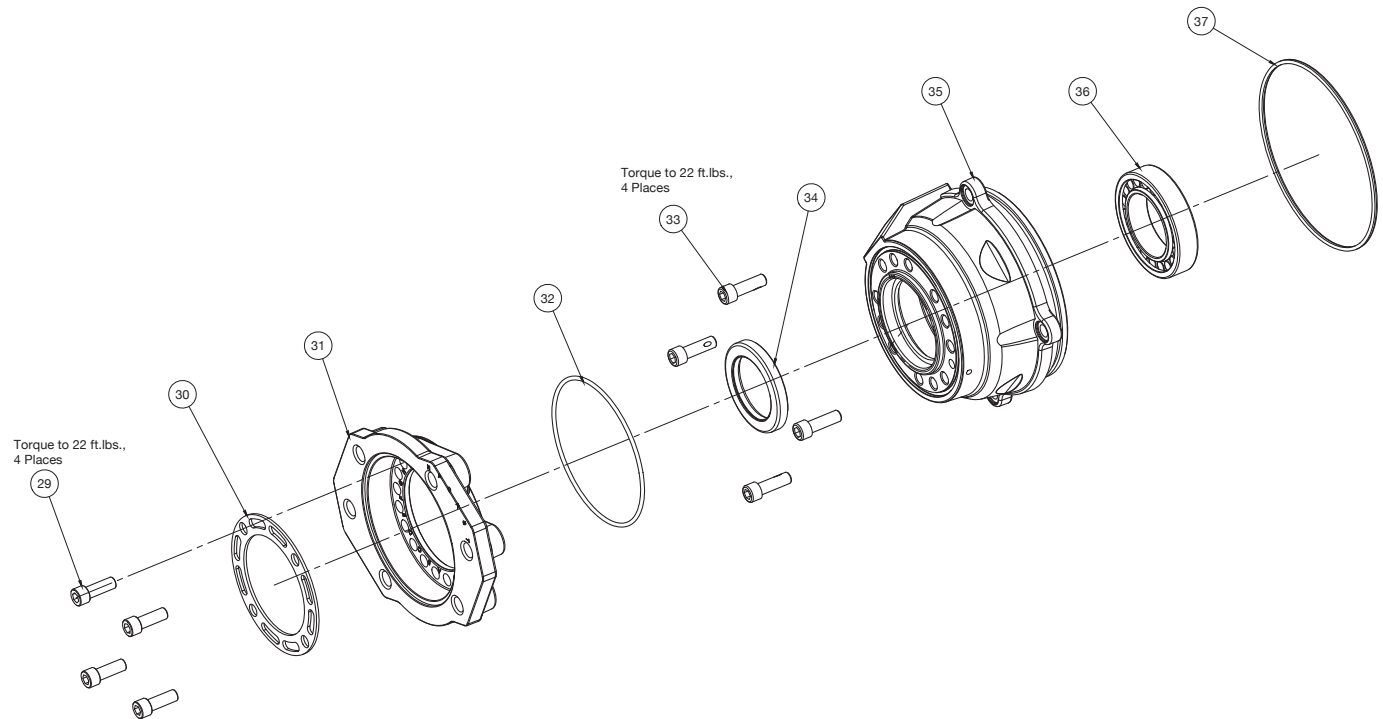


DETAIL C - INPUT ASSEMBLY



ITEM	QTY.	PART NO.	DESCRIPTION
25	1	07TA6860	Input Shaft
26	2	10T65008	Tapered Roller Bearing
27	1	03TB6662	Input Gear
28	1	21T62316	Washer

DETAIL D – COVER ASSEMBLY



ITEM	QTY.	PART NO.	DESCRIPTION
29	4	19T36588	Cap Screw (Used on "BA" "BS" "BB" "PB" & "TA" Outputs)
		19M84478	Cap Screw (Used on "II" Output)
30	1	58T65794	Flange Mounting Ring **
31	1	14T65388	SAE "B" 2- & 4-Bolt Output Flange
		14T65650	SAE "B" 2-Bolt Output Flange
		14T65653	SAE "A" 2-Bolt Output Flange
		14T65918	"II" Output Flange, DIN 5462

ITEM	QTY.	PART NO.	DESCRIPTION
32	1	12T43185	O-Ring
33	4	19T36588	Cap Screw
34	1	11T38247	Shaft Seal *
35	1	15T65391	Direct Mount Pump Cover
36	1	10T66878	Bearing
37	1	12T34003	O-Ring

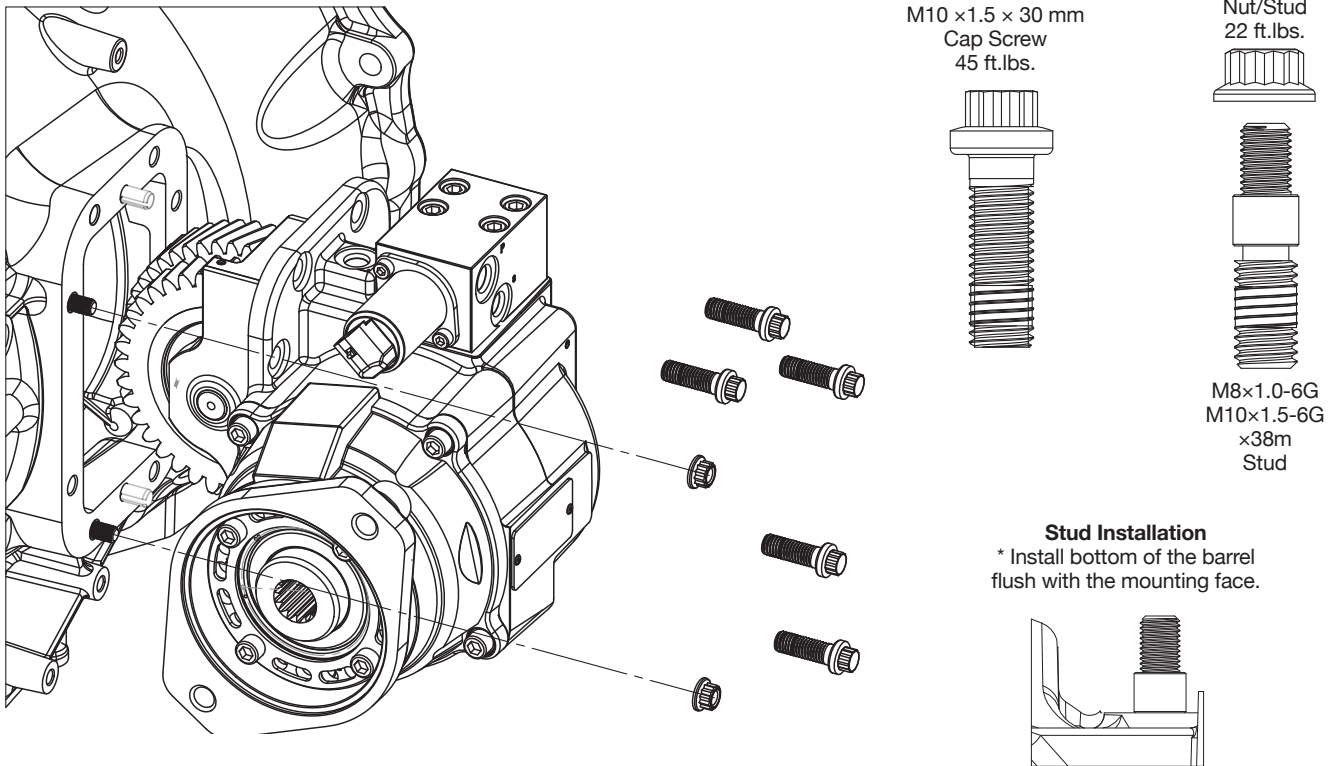
* Shaft seal not used on wet spline applications

** Not used on "II" output

INSTALLATION KITS

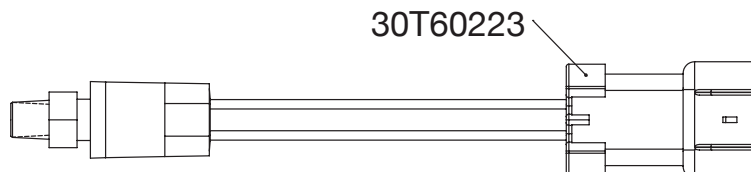
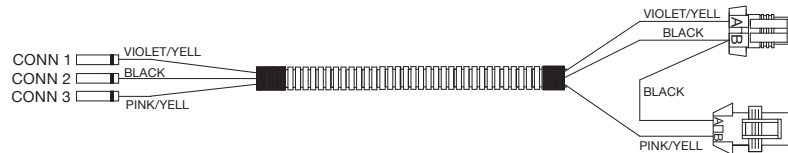
"48TK6780"

PART NO.	DESCRIPTION	QTY
12901602000	Gasket	1
19T64314	PTO Mounting Bolt	5
20T66875	M10 × M8 Stud	2
22T65300	M8 Nut	2
26T67511	Alignment Pins	2
30T60223	Pressure Switch	1
34T43408	Wire Harness - Dodge	1
43T36431	Straight to JIC Adapter	1
43T36445	Elbow Fitting	2
43T64636	90° Elbow (PTO)	1
43T67515	Transmission Adapter M10 to JIC	2
45T36274	Hose Assembly 28 in.	1
45T38840	Hose Assembly 36 in.	1



WIRE HARNESS - "DX" SHIFT

Part Number
34T43408



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SP25-01 (Rev. 12-25)

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