

ADAPTER GEAR ASSEMBLIES

ADAPTERS:

The application pages have a box for the inclusion of an adapter which can be used to change the rotation of the PTO output shaft as shown on this particular application. The adapter shown relates to all the PTOs shown above it on that page. Adapters are available for only 6-Bolt type PTOs. Refer to the listed footnotes before specifying an adapter. These footnotes typically show changes that are required of the TG Series to make it mount properly to the adapter.

Example: The Allison 1000/2000 Application Page ALLI-09

1 FWD. 1 REV.										
ADAPTER TO CHANGE ROTATION		13, 16	40TA6830-2, 40TA6855-2				REFER TO ADAPTER GEAR ASSEMBLIES IN INDEX			

- The adapter to change rotation is 40TA6830-2 and 40TA6855-2

FOOTNOTES:

- 13 40TA6830-2 adapter uses metric PTO stud kit. Check for clearance to frame rail and other chassis components before using. 40TA6830-2 adapter uses metric PTO stud kit. Check for clearance to frame rail and other chassis components before using.
- 16 40TA6855-2 can be used with CS6S Series PTO only. Use standard stud kit (20TK4418) with this PTO. Check for clearance to frame rail and attached components. Spacer 23M60165S (included) mounts to transmission side.

- The footnote indicate that 40TA6830-2 uses a metric stud kit. Whereas, 40TA6855-2 uses a standard PTO stud kit. The footnote also informs you to check for clearance to frame rail and other chassis components before using.

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FIGURE 1 SOLID BODY-SINGLE GEAR

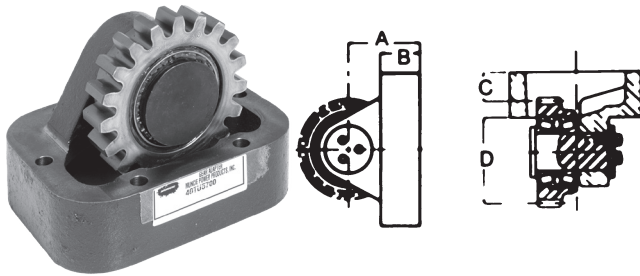


FIGURE 2 ANGULAR OFFSET

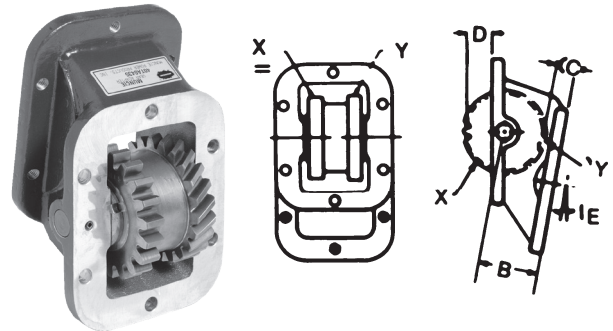


FIGURE 3 ANGULAR

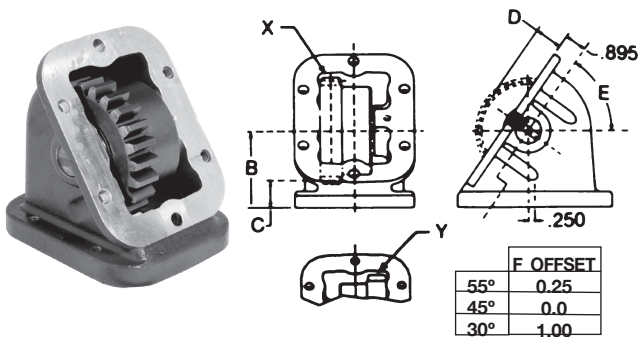
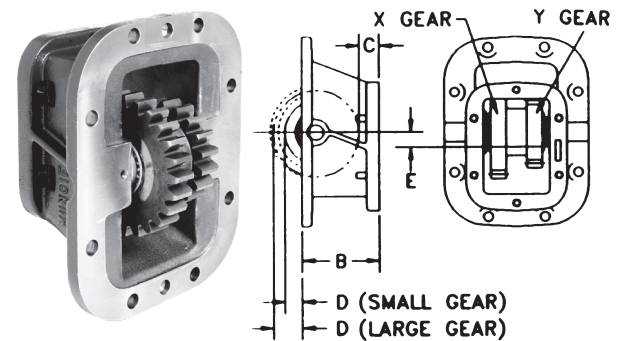


FIGURE 4 8-BOLT TO 6-BOLT



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FIGURE 5 FLANGED BODY SINGLE GEAR

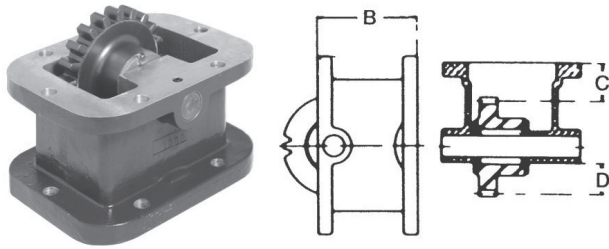


FIGURE 6 HORIZONTAL OFFSET

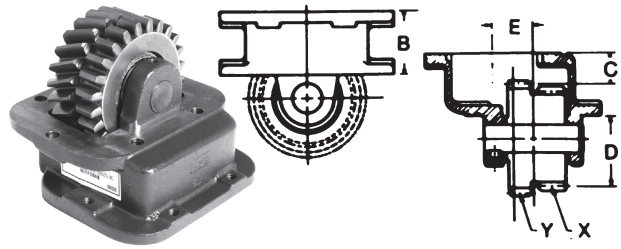


FIGURE 7 NISSAN ADAPTER

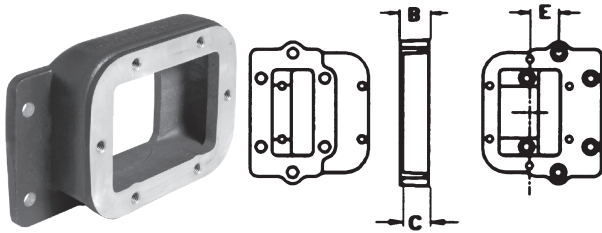


FIGURE 8 VERTICAL OFFSET

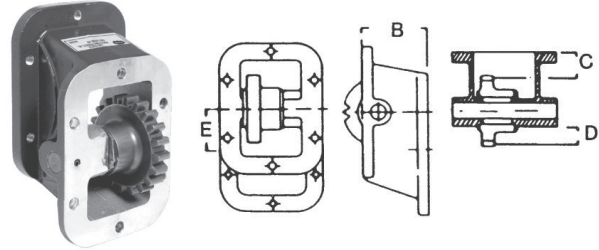


FIGURE 9 6-BOLT MACK ADAPTER

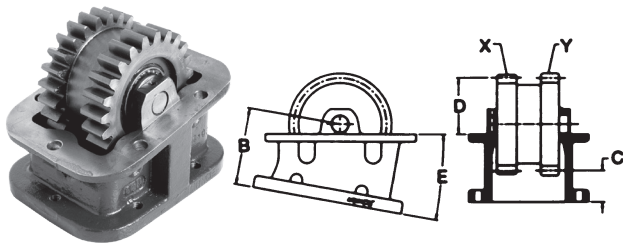
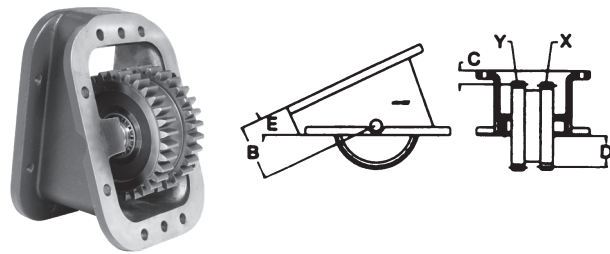


FIGURE 10 8-BOLT MACK ADAPTER



ADAPTER GEAR ASSEMBLIES DIMENSIONAL DATA

MODEL NO.	FIG.	FOOTNOTE	GEAR DATA		DIMENSIONS			
			APPL.	TEETH	A	B	C	D
40TU6800	1		U68	22	2.917 (74.1)	1.651 (41.9)	1.084 (27.5)	3.099 (78.7)
40TM6500	1	1	M65	24	2.917 (74.1)	1.651 (41.9)	1.065 (27.1)	3.118 (79.2)
40TA0541	5	3, 5	U68	20	—	3.315 (84.2)	1.085 (27.6)	5.046 (128.2)

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ADAPTER GEAR ASSEMBLIES DIMENSIONAL DATA *(continued from page 33)*

MODEL NO.	FIG.	FOOTNOTE	LOCA.	APPL.	TEETH	B	C	D	E
40TA0810	8	2, 3, 4, 5	—	U68	20	2.825 (71.8)	.642 (16.3)	1.148 (29.2)	1.750 (44.5)
40TI8410-1/-2	2	3, 4, 6	Y	I84	28	2.307 (58.6)	.653 (16.6)	1.136 (28.9)	10°
40TU6810-1/-2	2	2, 3, 4, 5, 6	X or Y	U68	20	2.307 (58.6)	.682 (17.3)	1.147 (29.1)	10°
40TZ9210-1/-2	2	3, 4, 5, 6	X or Y	Z92	22	2.307 (58.6)	.835 (21.2)	.954 (24.2)	10°
40TZ9968-1	2	3, 4, 5, 7	X	Z99	31	2.307 (58.6)	.682 (17.3)	1.253 (31.8)	10°
			Y	U68	20				
40TZ1068-2	2	3, 4, 5, 9	X or Y	A68	27	2.842 (72.2)	0.875 (22.2)	1.125 (28.6)	30°
40TU6830-1	2	3, 4	X	U68	23	2.83 (71.9)	0.914 (23.2)	1.088 (27.6)	30°
40TA6830-2	2	3, 4	Y	A68	27	2.842 (72.2)	0.875 (22.2)	1.12 (28.4)	30°
40TU6845-1	3	3, 4	X	U68	24	3.082 (78.3)	1.085 (27.6)	1.105 (28.1)	45°
40TA6855-1/2	3	3, 4	X	A68	28	3.034 (77.1)	0.995 (25.3)	1.144 (29.1)	55°
40TF6855-1	3	3, 4, 6	X	U68	24	3.071 (78.0)	1.072 (27.2)	1.395 (35.4) .812 (20.6)	55°
			Y	F68	25				
40TU6855-1	3	3, 4	X	U68	24	3.071 (78.0)	1.072 (27.2)	1.105 (28.1)	55°
40TU6855-2	3	3, 4	Y	U68	24	3.071 (78.0)	1.072 (27.2)	1.105 (28.1)	55°
40TU6886-1	4	3, 4	X	U68	25	3.76 (95.5)	1.027 (26.1)	1.395 (35.4) .812 (20.6)	.71 (18.0)
			Y	U68	18				
40TU6886-2	4	3, 4	X	U68	18	3.76 (95.5)	1.027 (26.1)	.812 (20.6) 1.395 (35.4)	.71 (18.0)
			Y	U68	25				
40TF6168	6	3	X	F61	19	2.235 (56.8)	1.085 (27.6)	2.630 (66.8)	1.435 (36.4)
			Y	U68	24				
40TF6668	6	3	X	F66	23	2.235 (56.8)	1.085 (27.6)	2.76 (70.1)	1.435 (36.4)
			Y	U68	24				
40TF8368	6	3	X	F83	26	2.235 (56.8)	1.085 (27.6)	2.571 (65.3)	1.435 (36.4)
			Y	U68	24				
40TS7168	6	3	X	S71	25	2.235 (56.8)	1.085 (27.6)	2.762 (70.2)	1.435 (36.4)
			Y	U68	24				
40TS7368	6	3	X	S73	24	2.235 (56.8)	1.085 (27.6)	2.715 (69.0)	1.435 (36.4)
			Y	U68	24				
29TK3863	7	3	—	—	—	1.430 (36.3)	1.085 (27.6)	—	1.500 (38.1)
29TK3954	7	3	—	—	—	1.983 (50.4)	1.085 (27.6)	—	0.416 (10.6)
40TM6616-1	9	3	X	M66	25	3.201 (81.3)	1.285 (32.6)	2.322 (59.0)	10°
			Y	S68	23				
40TM6628-2	10	3	X	M66	33	3.416 (86.8)	0.830 (21.1)	1.933 (49.1)	25°
			Y	U68	31				

Footnotes:

- | | |
|---|---|
| <p>1 Shipped with 23M60062S to be used on PTO side of adapter.</p> <p>2 Requires 23M60032S sold separately.</p> <p>3 Includes stud kit to mount adapter.</p> <p>4 The “C” dimension does not reflect the idler shaft offset. This adapter is designed for a standard mount PTO.</p> | <p>5 Derate PTO application by 30% when using this adapter. Do not use this adapter for continuous duty applications.</p> <p>6 Adapter is single gear design.</p> <p>7 Adapter is not designed for PTO use! Use to reposition Eaton Inertia Brake only!</p> |
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