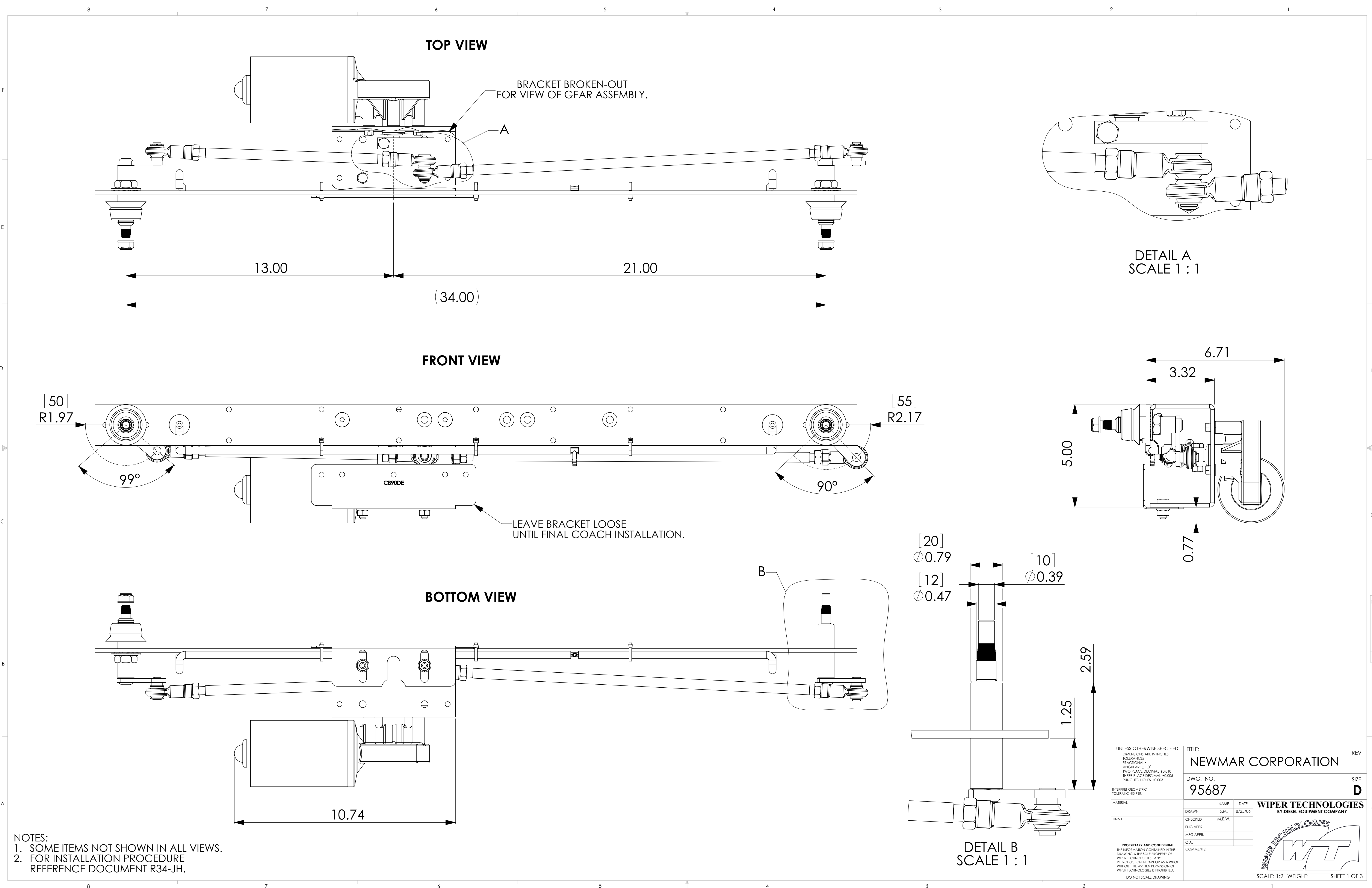
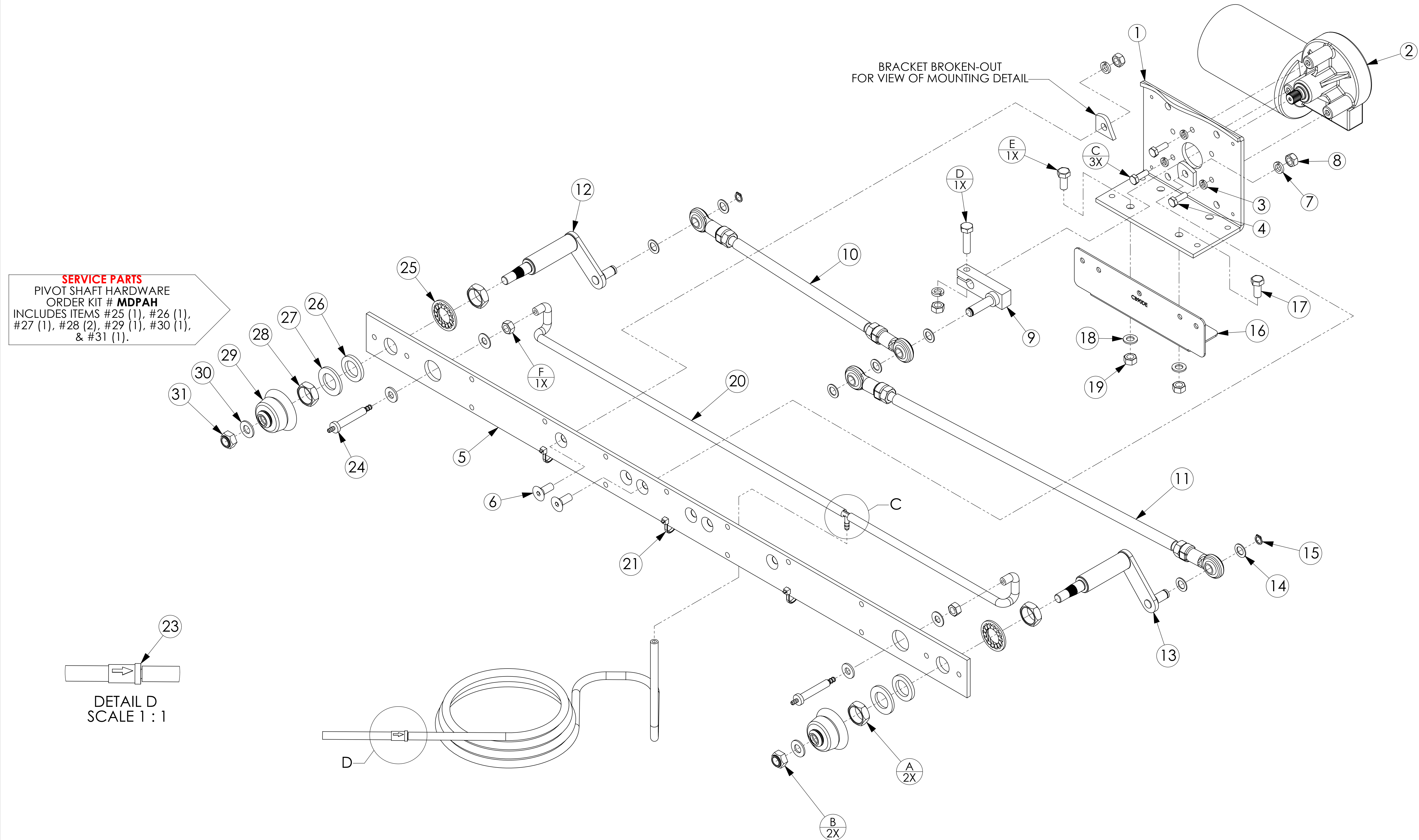
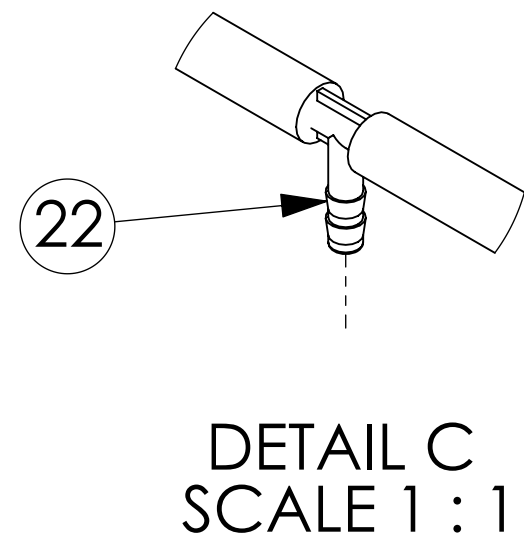




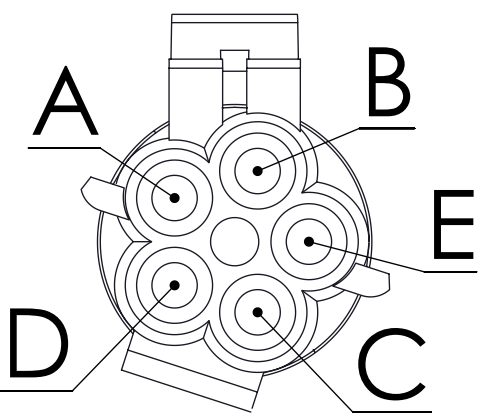
TORQUE TABLE			
ITEM	NM	FT. LBS.	IN.LBS
A	27-41	20-30	240-360
B	27-34	20-25	240-300
C	20-24	15-18	180-216
D	24-30	18-22	216-264
E	27-34	20-25	240-300
F	1.7-2.3	1-2	15-20



SERVICE PARTS
PIVOT SHAFT HARDWARE
ORDER KIT # **MDPAH**
INCLUDES ITEMS #25 (1), #26 (1),
#27 (1), #28 (2), #29 (1), #30 (1),
& #31 (1).

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MDMBR03	RADIAL MOTOR BRACKET	1
2	ZD1631-12V	56NM WIPER MOTOR	1
3	M6LW	METRIC 6mm LOCK WASHER	3
4	M6-18CS	6MM BOLT	3
5	MDSPR03	34" STRINGER PLATE	1
6	M8x1.25x20	8MM FLAT HEAD CAP SCREW	2
7	M8LW	METRIC 8mm LOCK WASHER	2
8	M8-125HN	METRIC NUT (8-1.25)	2
9	MC1502	MOTOR CRANK ASSEMBLY (1.502 C. TO .C.)	1
10	MDLA	13" LINK ASSEMBLY	1
11	MDLA-21	21" ADJUSTABLE LINK	1
12	PA7150	50mm PIVOT SHAFT (10/12)	1
13	PA7155	55mm PIVOT SHAFT (10/12)	1
14	M10FW	METRIC 10mm FLAT WASHER	4
15	M10EC	METRIC 10mm E-CLIP	2
16	CB90DE	CHASSIS BRACKET	1
17	5C4000516000304	5/16" -18 x 3/4" BOLT	2
18	WB4000516	5/16" SAE FLAT WASHER	2
19	NW4000516	5/16" 18E LOCKNUT	2
20	77-216	3/16" I.D. TUBING	10
21	TY24MX	NYLON CABLE TIE	3
22	060382-0030	3/16" TEE	1
23	100755	ANTI-RETURN VALVE	1
24	TBF01	BRASS BARB	2
25	20MMLW	20MM LOCKING WASHER	2
26	20MMRW	20MM RUBBER WASHER	2
27	20MMFW	20MM FLAT WASHER	2
28	20MMHN	20MM HEX NUT	4
29	DB01	DUST BOOT	2
30	M10FW-1	10mm FLAT WASHER	2
31	M10X1.5LN	10mm LOCKNUT	2

WIRE INSERT VIEW



PACKARD/DELPHI 5-PIN WEATHER PACK CONNECTOR

- TOWER...12034342
TERMINAL...12124580
SEAL (GREEN)...12015323
A. LOW (GREEN)
B. HIGH (BLUE)
C. SWITCH/PARK (YELLOW)
D. POWER (RED)
E. GROUND (BLACK)

MATING CONNECTOR INFORMATION

SHROUD...12065158
TERMINAL...12124582
SEAL...12015323

WIPER MOTOR	POWER (W)	VOLTS	TEST VOLTS	EMPTY LOAD (LOW) ±2 (CPM)	EMPTY LOAD (HIGH) ±2 (CPM)	WORKING CURRENT (LOW)	WORKING CURRENT (HIGH)	WORKING SPEED (LOW) ±2	WORKING SPEED (HIGH) ±2	TORQUE (NM)	CIRCUIT BREAKER
ZD1631-12V	100	12	13.5	34	48	4.5 (A)	6.8 (A)	30	47	56	15 (A)**

*DATA ACQUIRED USING 800MM WIPER BLADES AND 750MM WIPER ARMS, UNDER NORMAL OPERATING CONDITIONS WITH A WET WINDSHIELD.
**A 15 (A) RESETTABLE CIRCUIT BREAKER IS RECOMMENDED FOR PROPER OPERATION.
***DATA WILL VARY DUE TO WINDSHIELD GEOMETRY & CHARACTERISTICS.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
FRACTIONAL
ANGULAR ±1.0°
TWO PLACE DECIMAL ±0.005
THREE PLACE DECIMAL ±0.0005
PUNCHING HOLES ±0.003

PROPRIETARY AND CONFIDENTIAL
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DO NOT SCALE DRAWING

TITLE:
NEWMAR CORPORATION
DWG. NO.
95687

NAME
S.M.
DATE
B/25/06
M.E.W.

DRAWN
CHECKED
ENG. APPR.
DATE
G.A.

COMMENTS:

REV
A
SIZE
E

WIPER TECHNOLOGIES
BY-DIESEL EQUIPMENT COMPANY

SCALE: 1:2 WEIGHT: SHEET 2 OF 3

