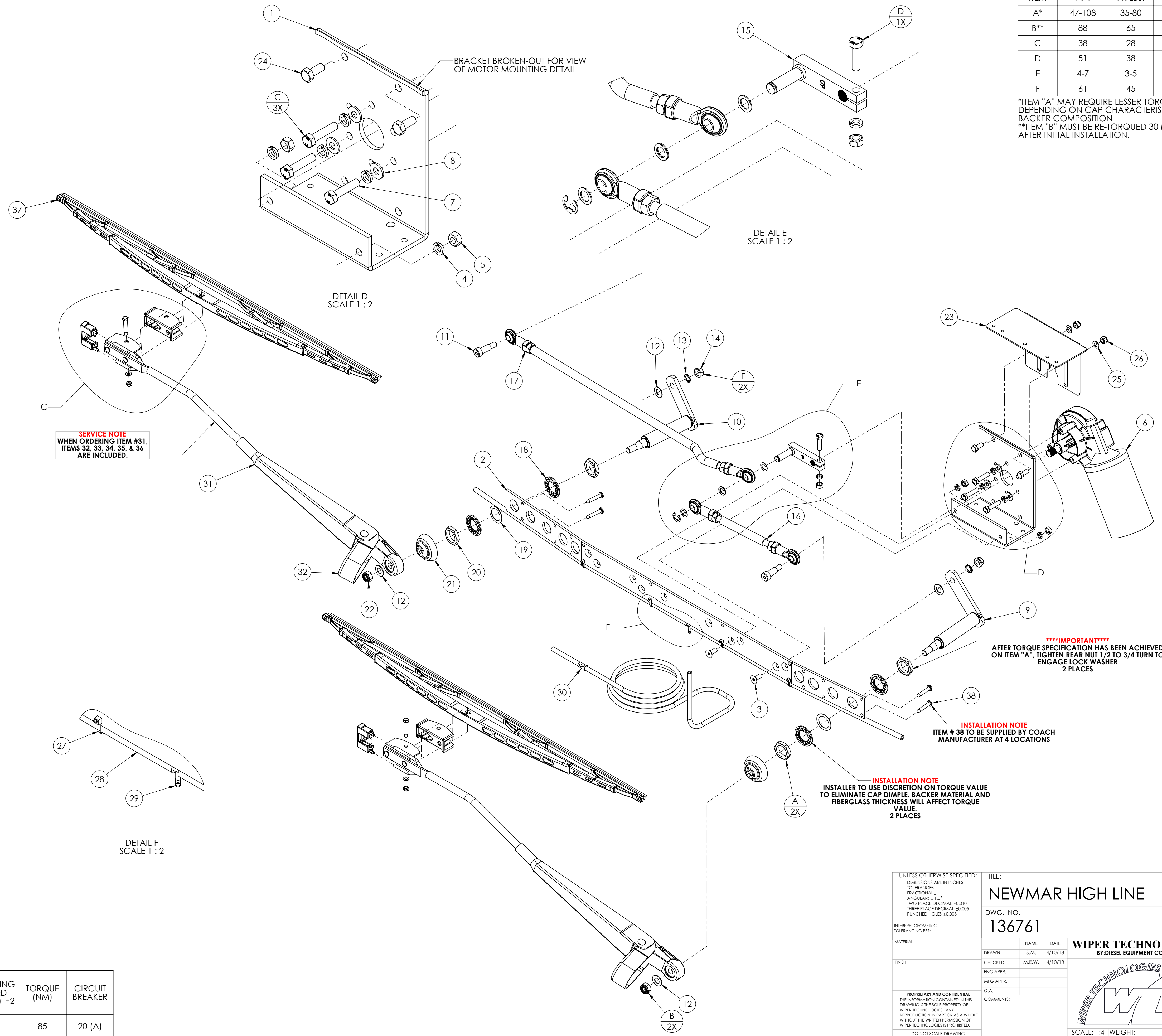


ITEM NO.	PART NUMBER	Description	QTY.
1	MDMBR01	H.D. MOTOR BRACKET	1
2	MDSPRO1	H.D. STRINGER PLATE	1
3	M8x1.25x20	8MM FLAT HEAD CAP SCREW	2
4	M8LW	METRIC 8mm LOCK WASHER	5
5	M8x125HN-SS	M8x1.25 STAINLESS STEEL HEX NUT	2
6	ZD2732-12V-REVA	150W 12VOLT WIPER MOTOR	1
7	M8X35CS	METRIC 8x1.25x35 BOLT	3
8	M8FW	METRIC 8mm FLAT WASHER	3
9	PA7989-U	12-16 DINN PIVOT (89MM)	1
10	PA7979-U	12-16 DINN PIVOT (79MM)	1
11	SB12X25X10	SHOULDER BOLT 12X25MM SHOULDER/10x1.5MM THREADS	2
12	M12FW-1	12MM FLAT WASHER	4
13	M10ELW	METRIC 10MM EXTERNAL LOCK WASHER	2
14	M10-1.5FN	METRIC 10X1.5 FLANGE NUT	2
15	MC60	60MM MOTOR CRANK ASSEMBLY	1
16	SL265	265MM SOLID LINK	1
17	SL670-12RR-B-25M	670MM BENT SOLID LINK 25 DEGREE MODIFIED BEND	1
18	M26LW	26mm LOCK WASHER	4
19	M26X1PFW	26MM I.D. PIVOT HOUSING FLAT WASHER	2
20	M26HN	26mm HEX NUT	4
21	M26X1OCC	COVER CAP	2
22	M12X1.5LN	12x1.50 NYLON LOCKNUT	2
23	CB95BE	H.D. CHASSIS BRACKET	1
24	5C4000516000304	5/16" -18 x 3/4" BOLT	2
25	WB4000516	5/16" SAE FLAT WASHER	2
26	NW4000516	5/16" 18E LOCKNUT	2
27	TY24MX	NYLON CABLE TIE	4
28	77-216	3/16" I.D. TUBING	10
29	O60382-0030	3/16" TEE	1
30	100755	ANTI-RETURN VALVE	1
31	RA750OP-D15-S	750mm WIPER ARM	2
32	HDRAC	RADIAL ARM HEAD COVER	2
33	WHA-1	WIPER HOSE ASSEMBLY	2
34	SN1003	SINGLE TUBE DUEL SPRAY NOZZLE	2
35	DTRAS	H.D. WIPER ARM SHIM	2
36	BAFH	BLADE FASTENING HARDWARE	2
37	BA900V	900MM VENTED WIPER BLADE WITH 21MM SADDLE	2
38	25x150	1/4 x 1.5" SCREW	4

TORQUE TABLE			
ITEM	NM	FT. LBS.	IN.LBS
A*	47-108	35-80	420-960
B**	88	65	780
C	38	28	336
D	51	38	456
E	4-7	3-5	36-60
F	61	45	540

*ITEM "A" MAY REQUIRE LESSER TORQUE VALUE DEPENDING ON CAP CHARACTERISTICS & BACKER COMPOSITION
**ITEM "B" MUST BE RE-TORQUED 30 MINUTES AFTER INITIAL INSTALLATION.



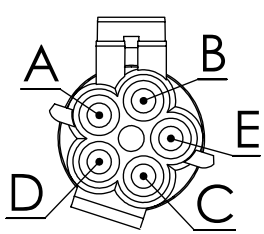
SERVICE NOTE
WHEN ORDERING ITEM #31, ITEMS 32, 33, 34, 35, & 36 ARE INCLUDED.

******IMPORTANT******
AFTER TORQUE SPECIFICATION HAS BEEN ACHIEVED ON ITEM "A", TIGHTEN REAR NUT 1/2 TO 3/4 TURN TO ENGAGE LOCK WASHER 2 PLACES

INSTALLATION NOTE
ITEM # 38 TO BE SUPPLIED BY COACH MANUFACTURER AT 4 LOCATIONS

INSTALLATION NOTE
INSTALLER TO USE DISCRETION ON TORQUE VALUE TO ELIMINATE CAP DIMPLE. BACKER MATERIAL AND FIBERGLASS THICKNESS WILL AFFECT TORQUE VALUE. 2 PLACES

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

*****DRY GLASS OPERATION AMPERAGE MAY EXCEED CHASSIS MANUFACTURER'S ELECTRONICS LIMITS. IT IS THE RESPONSIBILITY OF THE COACH MANUFACTURER TO SUPPLY PROPER PROTECTION FOR CHASSIS ELECTRONICS*****

WIPER MOTOR	POWER (W)	VOLTS	TEST VOLTS	EMPTY LOAD (LOW) ±2 (CFM)	EMPTY LOAD (HIGH) ±2 (CPM)	WORKING CURRENT (LOW)	WORKING CURRENT (HIGH)	WORKING SPEED (LOW) ±2	WORKING SPEED (HIGH) ±2	TORQUE (NM)	CIRCUIT BREAKER
ZD2732-12V-REVB	150	12	13.5	30	58	<15 (A)	<20 (A)	28	48	85	20 (A)

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± .015" ANGULAR ± 1.0° TWO PLACE DECIMAL ±0.010 THREE PLACE DECIMAL ±0.005 PUNCHED HOLES ±0.003	TITLE: NEWMAR HIGH LINE	REV
INTERPRET GEOMETRIC TOLERANCING PER:	DWG. NO. 136761	SIZE D
MATERIAL	NAME DATE S.M. 4/10/18	WIPER TECHNOLOGIES BY: DIESEL EQUIPMENT COMPANY
FINISH	CHECKED M.E.W. 4/10/18	WT
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF WIPER TECHNOLOGIES. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF WIPER TECHNOLOGIES IS PROHIBITED. DO NOT SCALE DRAWING	ENG APPR. MFG APPR. G.A. COMMENTS:	SCALE: 1:4 WEIGHT: SHEET 2 OF 2