

Indmar

MARINE ENGINES

Exploded View

Lift Rings and Engine Mounts to Block - Port

APPROVAL DATE

DWG NO
EV0023

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
164	2	985903	LIFT RING 6.2 FORD
99	1	566019	STUD GND M16-2.0, M10-1.5
51	1		W708144-S_1-BLT M14x2.00x43.0 HEX FLNG PIL 1
10	1		Ford Block Mount - Port

This technical diagram illustrates the exploded view of the port side of a Ford 6.2L engine block. The engine block is shown in a light gray, semi-transparent style to reveal internal components. Four blue-colored parts are highlighted and labeled with callout circles: 164 (Lift Ring 6.2 Ford), 51 (Stud GND M16-2.0, M10-1.5), 99 (W708144-S_1-BLT M14x2.00x43.0 Hex Flng Pil 1), and 10 (Ford Block Mount - Port). The diagram shows the spatial relationship between these components, indicating how they will be assembled onto the engine block. The text 'POWERED BY FORD' is embossed on the top of the engine block.

Applicable Models

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MARINE ENGINES

Exploded View

Lift Rings and Engine Mounts to Block - Stbd

APPROVAL DATE


DWG NO
EV0024

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
11	1		Ford Block Mount - Starboard
11.2	1	535032	PAD FRONT STRINGER FLAT
11.8	3	566035Q	SCREW SHC M10x1.50x40 SP2
164	2	985903	LIFT RING 6.2 FORD
99	1	566019	STUD GND M16-2.0, M10-1.5
10.3	1	535910E	MOUNT ENGINE PORT ECOATED 6.2L
10.8	3	566035Q	SCREW SHC M10x1.50x40 SP2
10.9	3	566080Q	WASHER LOCK 10 MM SP 25

This diagram shows the starboard engine mount assembly in an exploded view. The main components are labeled with callouts: 164 (Lift Ring), 11.8 (Screw), 11.3 (Stud), and 11.10 (Mount). The background shows the engine block with the text "POWERED BY FORD".

This diagram shows the port engine mount assembly in an exploded view. The main components are labeled with callouts: 99 (Stud), 10.9 (Washer), 10.8 (Screw), and 10.3 (Mount). The background shows the engine block with the text "POWERED BY FORD".

Applicable Models



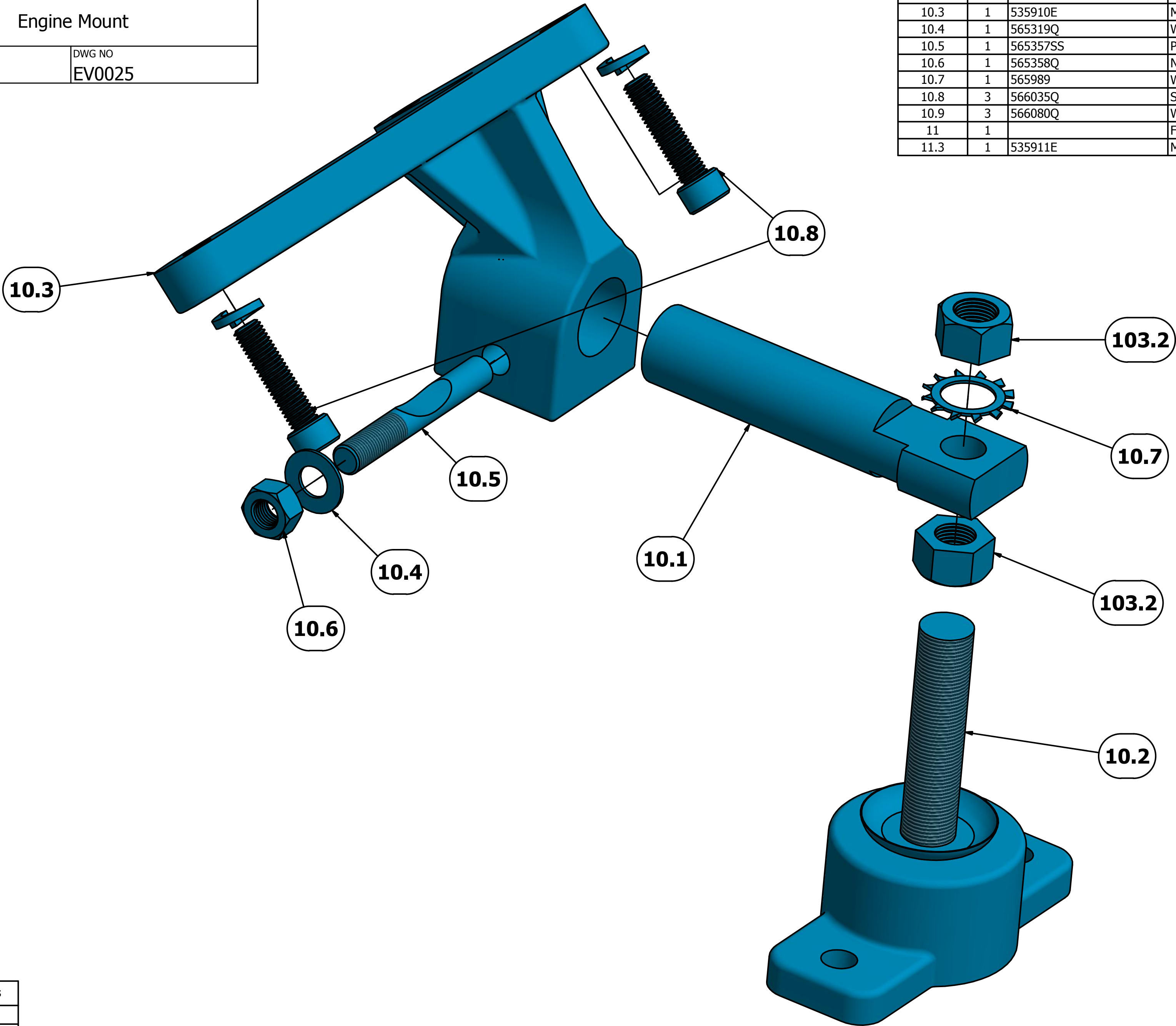
Exploded View

Engine Mount

APPROVAL DATE

DWG NO
EV0025

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
10	1		Ford Block Mount - Port
10.1	1	531133Q	BAR TRUNNION - MACHINED 49
10.2	1	535032	PAD FRONT STRINGER FLAT
10.3	1	535910E	MOUNT ENGINE PORT ECOATED 6.2L
10.4	1	565319Q	WASHER FLAT 7/16 SAE SP25
10.5	1	565357SS	PULL PIN STAINLESS
10.6	1	565358Q	NUT HEX 7/16-20 x 3-1/2 SP25
10.7	1	565989	WASHER 3/4 EXTERNAL TOOTH
10.8	3	566035Q	SCREW SHC M10x1.50x40 SP2
10.9	3	566080Q	WASHER LOCK 10 MM SP 25
11	1		Ford Block Mount - Starboard
11.3	1	535911E	MOUNT ENGINE STBD ECOATED 6.2L



Applicable Models

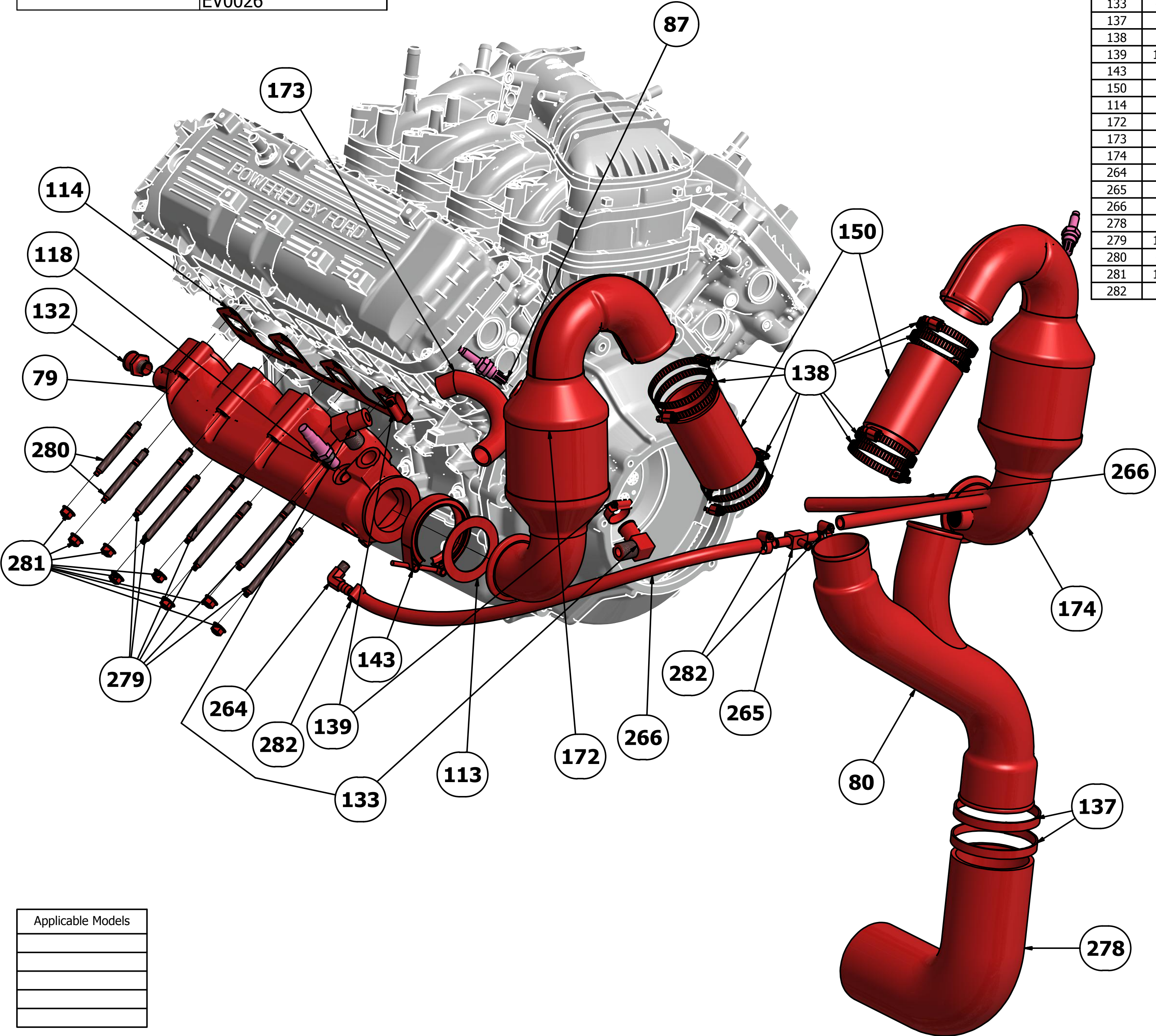
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MARINE ENGINES

Exploded View

Exhaust System


APPROVAL DATE

DWG NO
EV0026



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
78	1	535900	MANIFOLD PORT 6.2 FORD W/CAT
79	1	535901	MANIFOLD STBD 6.2 FORD W.CAT
80	1	535904E	EXHAUST Y PIPE 6.2 FORD E-COATED
87	2	556162	Sensor O2-Heated - 4 wire
113	2	597001	GASKET EXHAUST ELBOW 6.2
118	2	597014	SENSOR O2 WIDE RANGE 6.2 FORD
132	2	605008	FITTING 3/4" NPT X1" NYLON STR
133	4	605012	FITTING 3/4 x 1" NYLON ELBOW
137	5	735003	CLAMP HOSE #64
138	8	735005	CLAMP HOSE #56
139	10	735006	CLAMP HOSE #16 C6716
143	2	735029	CLAMP V-BAND 6.2L FORD
150	2	845049-050	HOSE EXHAUST HITEMP 3" DIA, 5" LONG
114	2	597005	EXH GASKET MAN2HEAD 6.2 FORD COMETIC
172	1	535903E	ELBOW STBD W/CAT 6.2 FORD
173	2	845907	HOSE FORMED 1" FORD EXH2CAT
174	1	535902E	ELBOW PORT W/CAT 6.2 FORD
264	2	605075	FITTING 1/4 NPT X 1/2 HOSE 90
265	1	605007	FITTING GLASS FILLED NYLON 1/2 x 3/8 TEE
266	2	845030-200	HOSE 1/2 FLEX-LOC 20
278	1	845061	EXHAUST ELBOW 4" RUBBER
279	12	566900	STUD MJ10 X 1.25 X 122 FORD MANIFOLD
280	4	566901	STUD MJ10 X 1.25 X 95 FORD MANIFOLD
281	16	566094Q	NUT MJ10 X 1.25 HEX FLANGED
282	4	735004	CLAMP HOSE #8

Applicable Models



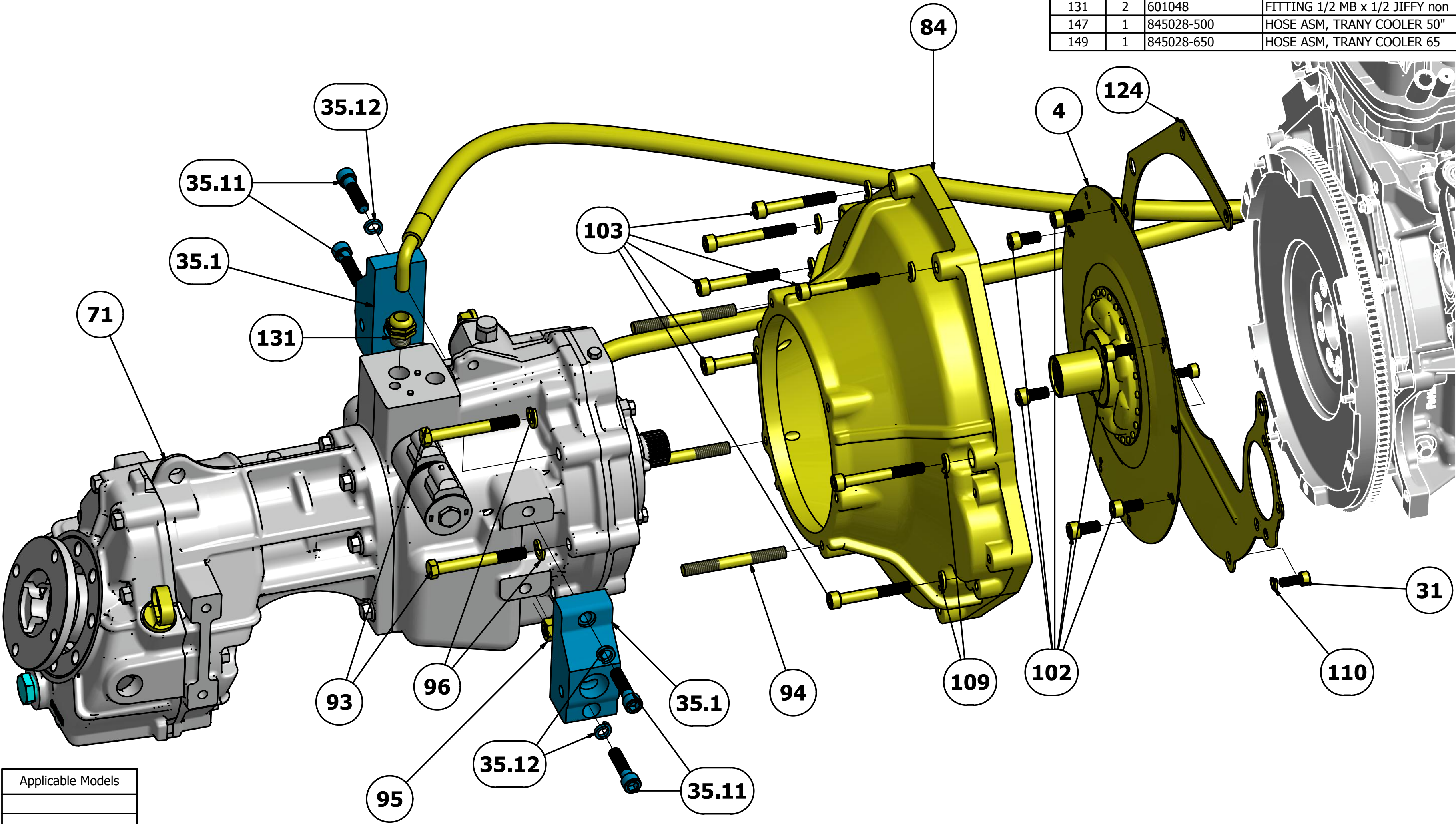
Exploded View

Transmission - Port View


APPROVAL DATE

DWG NO
EV0027

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
4	1		Drive plate
31	2		SCREW SHCS M8 x 1.25 x 20 SP 25
35.1	2	535042E	SUPPORT TRANS TRUNION ECOATED MS
35.11	4	565342Q	SCREW SHCS 7/16-14 X 1 3/4 SP
35.12	4	565351Q	WASHER LOCK 7/16 FOR SHCS
71	1	082120ES	IVD 1.46 VELVET DRI THRU SHAFT ELECTRIC
84	1	535912	BELL HOUSING MACHINED 6.2
93	3	565315Q	SCREW HCS 7/16-14 X 3 1/2 SP 2
94	3	565316Q	STUD B7 7/16-14 X 4 SP25
95	3	565345Q	NUT F HEX 7/16-14 SP 25
96	3	565350Q	WASHER LOCK 7/16 SP 25
102	6	566034Q	SCREW SHC M10 X 1.50 X 20 SP 2
103	5	566036Q	SCREW SHC M10 X 1.50 X 70 SP 2
104	2	566039Q	SCREW SHC M10 X 1.50 X 80
109	7	566080Q	WASHER LOCK 10 MM SP 25
110	2	566084Q	WASHER LOCK 8MM NANOMATE
124	1	597028	PLATE SPLASH/STARTER FORD 6.2
131	2	601048	FITTING 1/2 MB x 1/2 JIFFY non
147	1	845028-500	HOSE ASM, TRANY COOLER 50"
149	1	845028-650	HOSE ASM, TRANY COOLER 65



Applicable Models



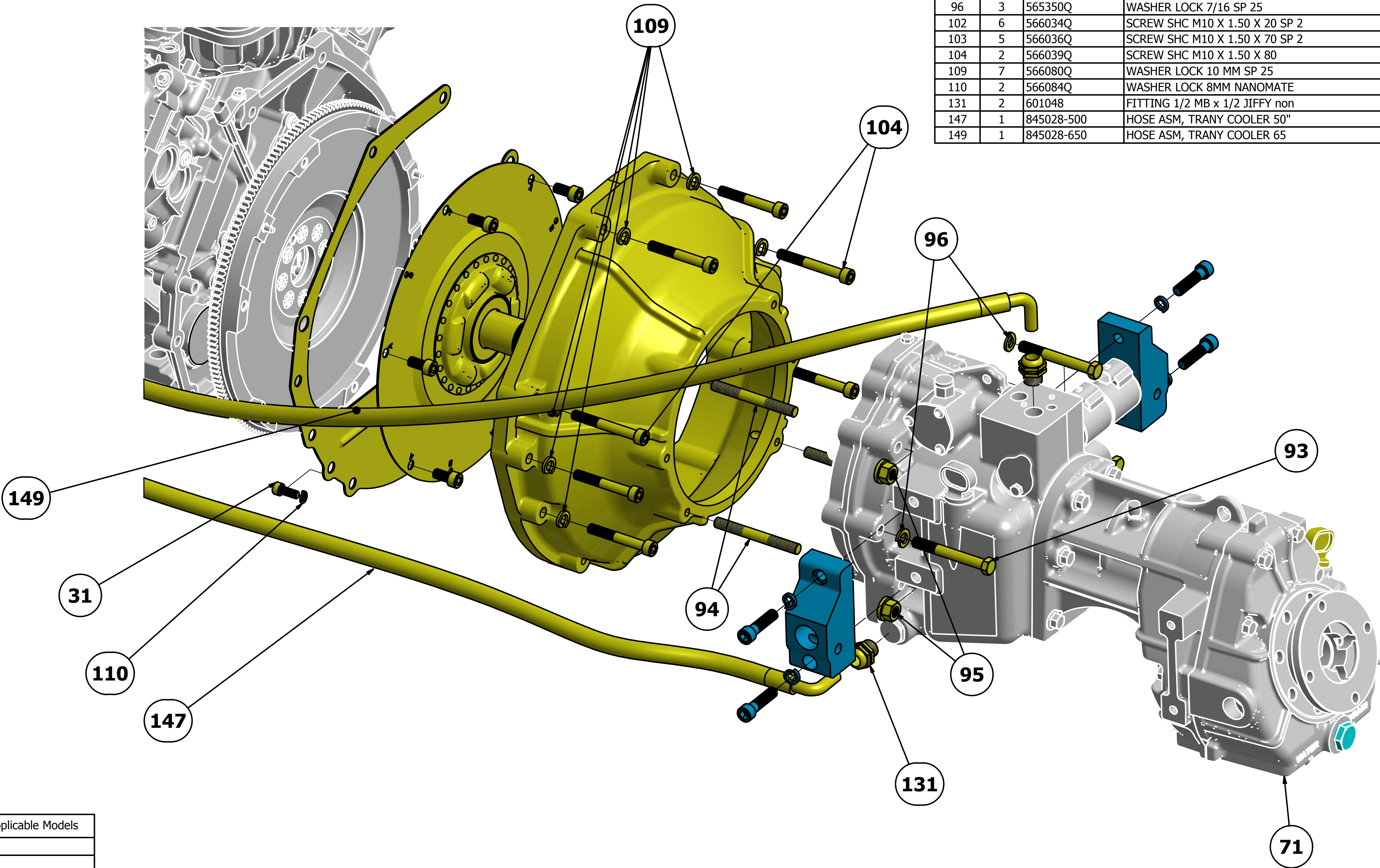
Exploded View

Transmimssion Starboard View

APPROVAL DATE

DWG NO
EV0028

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
4	1		Drive plate
31	2		SCREW SHCS M8 x 1.25 x 20 SP 25
35.1	2	535042E	SUPPORT TRANS TRUNION ECOATED MS
35.11	4	565342Q	SCREW SHCS 7/16-14 X 1 3/4 SP
35.12	4	565351Q	WASHER LOCK 7/16 FOR SHCS
71	1	082120ES	IVD 1.46 VELVET DRI THRU SHAFT ELECTRIC
84	1	535912	BELL HOUSING MACHINED 6.2
93	3	565315Q	SCREW HCS 7/16-14 X 3 1/2 SP 2
94	3	565316Q	STUD B7 7/16-14 X 4 SP25
95	3	565345Q	NUT F HEX 7/16-14 SP 25
96	3	565350Q	WASHER LOCK 7/16 SP 25
102	6	566034Q	SCREW SHC M10 X 1.50 X 20 SP 2
103	5	566036Q	SCREW SHC M10 X 1.50 X 70 SP 2
104	2	566039Q	SCREW SHC M10 X 1.50 X 80
109	7	566080Q	WASHER LOCK 10 MM SP 25
110	2	566084Q	WASHER LOCK 8MM NANOMATE
131	2	601048	FITTING 1/2 MB x 1/2 JIFFY non
147	1	845028-500	HOSE ASM, TRANY COOLER 50"
149	1	845028-650	HOSE ASM, TRANY COOLER 65



Applicable Models

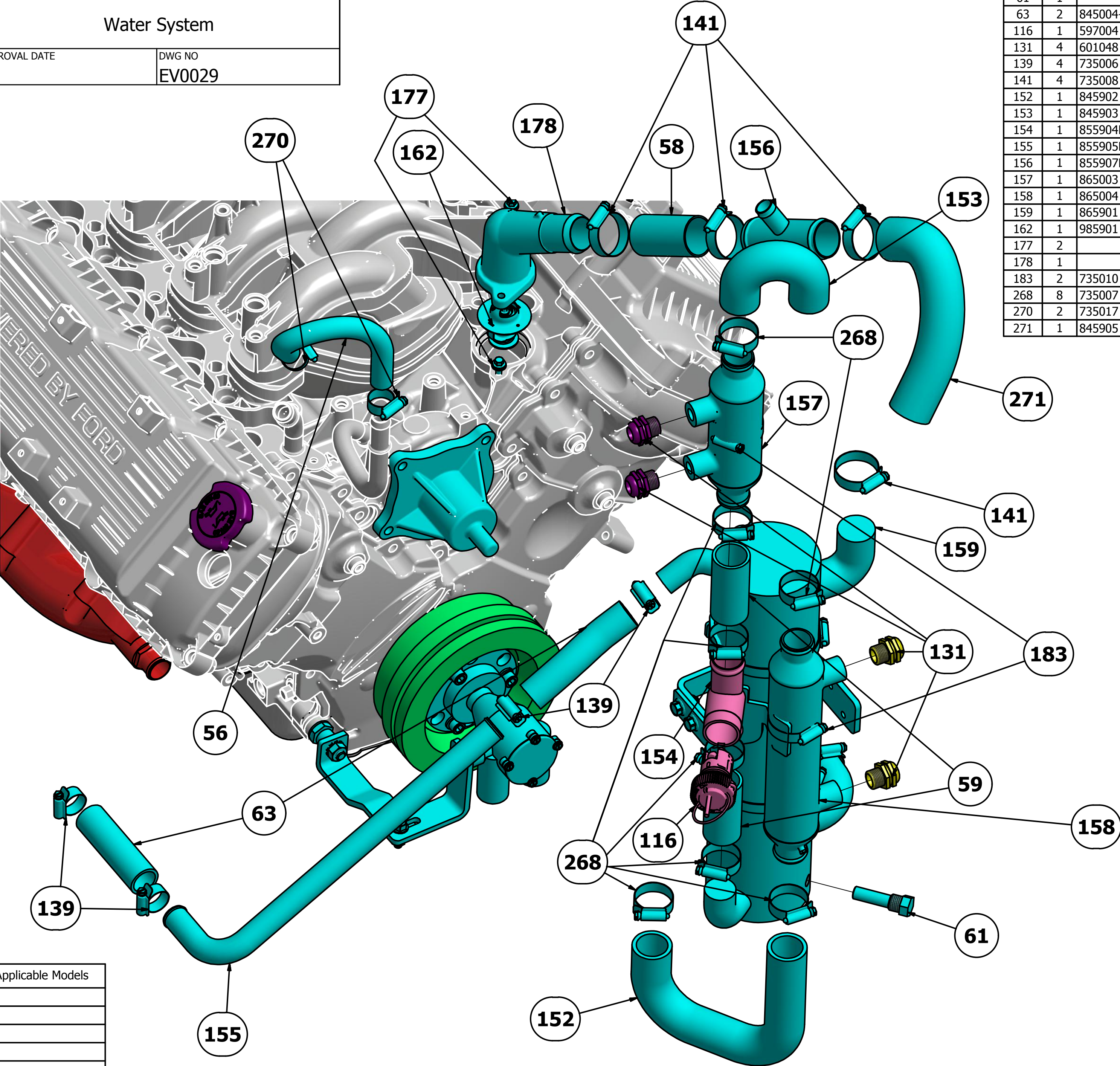
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MARINE ENGINES

Exploded View

Water System

APPROVAL DATE

DWG NO
EV0029



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
56	1	845906	HOSE FORMED 3/4" FORD HEATER
58	1	845904	HOSE FORMED 1.5" FORD THERM2TEE
61	1		Sacrificial Anode
63	2	845004-040	HOSE 1" SOFT WALL 4" LONG
116	1	597004	SENSOR WATER FLOW FORD
131	4	601048	FITTING 1/2 MB x 1/2 JIFFY non
139	4	735006	CLAMP HOSE #16 C6716
141	4	735008	CLAMP HOSE #24
152	1	845902	HOSE FORMED FORD LOWER COOLER
153	1	845903	HOSE FORMED FORD UPPER COOLER
154	1	855904E	TUBE OIL COOLER TO HEATEXC 6.2L ECOAT
155	1	855905E	TUBE HEATEXC TO PORT MANIFOLD 6.2L ECOAT
156	1	855907E	TUBE HEATEXC TO THERMOSTAT 6.2L ECOAT
157	1	865003	COOLER 5" STD w/ORING THREAD
158	1	865004	COOLER 9" STD w/ORING THREAD
159	1	865901	HEAT EXCHANGER HALF SYS 6.2 FORD
162	1	985901	THERMOSTAT 160 DEGREE FORD
177	2		BLT & WSHR M06x1.00x27.0 FH
178	1		water outlet
183	2	735010	CLAMP HOSE #32
268	8	735007	CLAMP HOSE #20
270	2	735017	CLAMP HOSE #12
271	1	845905	HOSE FORMED 1.5" FORD HEX2TEE

Applicable Models

Indmar
MARINE ENGINES

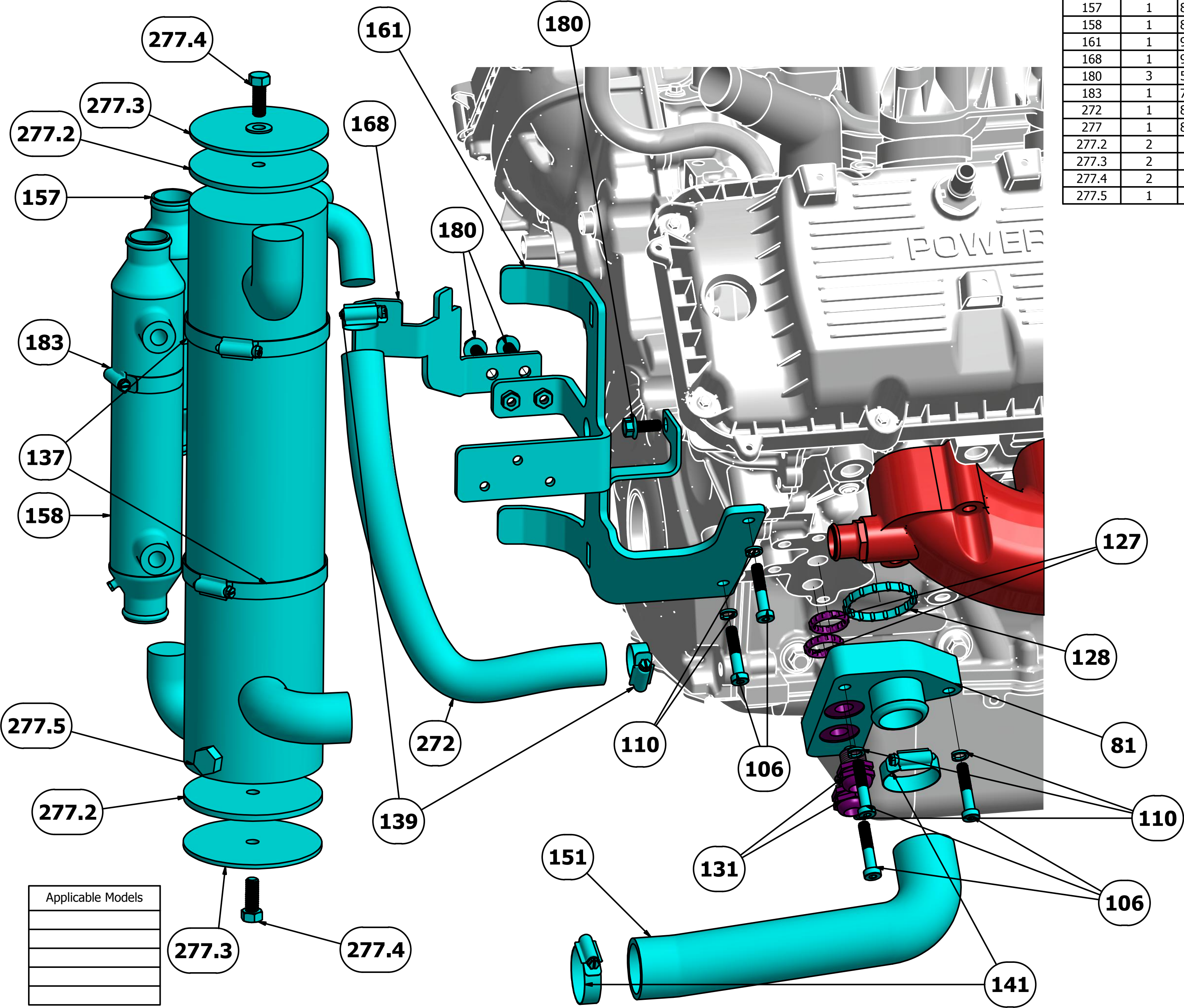
Exploded View

Water System 2

APPROVAL DATE

DWG NO
EV0030

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
81	1	535907E	WATER DIST HSG 6.2 FORD ECOATED
106	5	566052Q	SCREW SHCS 8MM X 1.25 X 40M SP
110	5	566084Q	WASHER LOCK 8MM NANOMATE
127	2	597041	SEAL OIL RELOCATOR TO COOLER FORD 6.2
128	1	597042	SEAL OIL COOLER WATER INLET FORD 6.2
131	2	601048	FITTING 1/2 MB x 1/2 JIFFY non
137	2	735003	CLAMP HOSE #64
141	2	735008	CLAMP HOSE #24
151	1	845901	HOSE FORMED FORD HEAT/EX TO ENG BLOCK
157	1	865003	COOLER 5" STD w/ORING THREAD
158	1	865004	COOLER 9" STD w/ORING THREAD
161	1	985900	BRACKET HEAT EXCHANGER 6.2 FORD
168	1	985919	BRACKET RAW WATER A 6.2 FORD
180	3	565969Q	SCREW FH M8-1.25 X 20 MM SP 2
183	1	735010	CLAMP HOSE #32
272	1	841023	HOSE FORMED ELL 1"
277	1	865901	HEAT EXCHANGER HALF SYS 6.2 FORD
277.2	2		Heat Exchanger Gasket
277.3	2		Heat Exchanger Cap
277.4	2		Heat Exchanger Bolt 3.8-16x1
277.5	1		Sacrificial Anode



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MARINE ENGINES

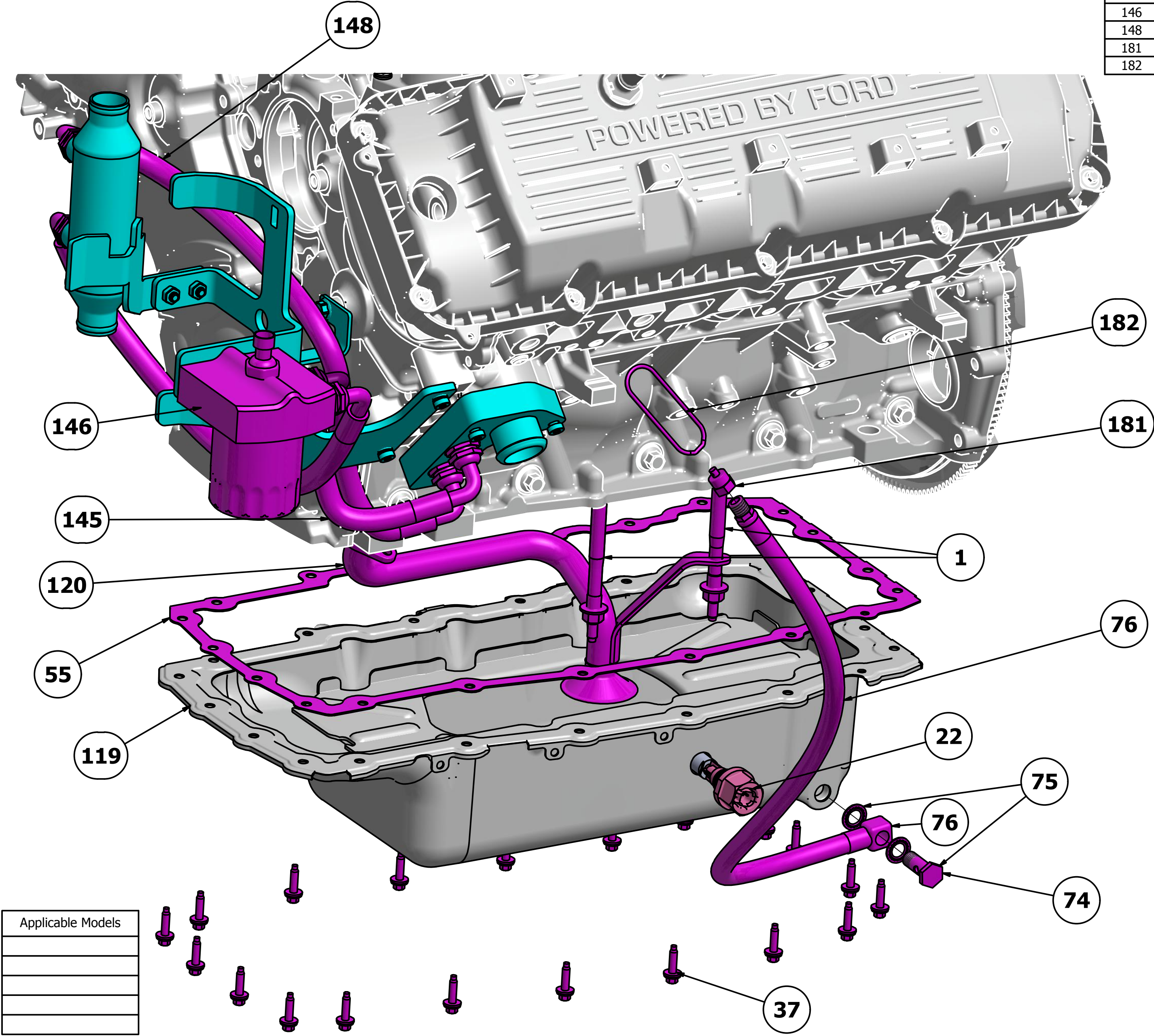
Exploded View


Oil System 1

APPROVAL DATE

DWG NO
EV0031

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2		Old Oil Pan Stud
22	1		Oil Level Sensor
37	1		BLT & WSHR M06x1.00x22.0 HEX FLN
55	1		oil pan gasket 2
74	1	511008	BOLT BANJO
75	2	515002	GASKET OIL DRAIN ALL
76	1	515005	HOSE OIL DRAIN-60" W/BANJO BOLT
119	1	597021	OIL PAN 6.2 FORD
120	1	597022	OIL PICK UP 6.2 FORD
145	1	845028-140S	HOSE ASM, TRANY COOLER 14" W/SLEEVE
146	1	845028-170S	HOSE ASM, TRANY COOLER 17 W/SLEEVE
148	1	845028-220S	HOSE ASM, TRANY COOLER 22" W/SLEEVE
181	1	511013	CAP DRAIN ALL W/HOOK HOLE
182	1	511014	HOOK DRAIN CAP





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MARINE ENGINES

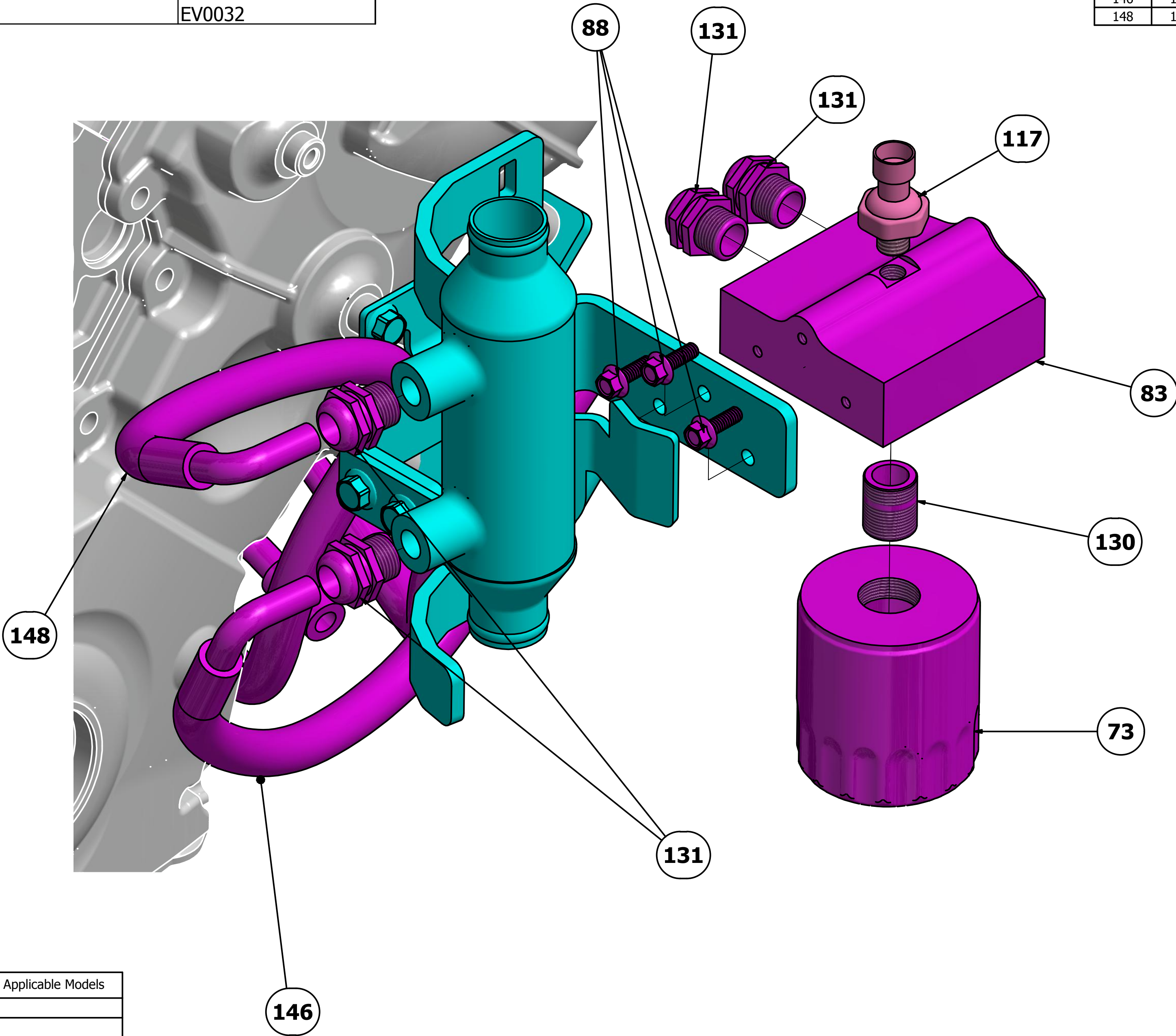
Exploded View

Oil Filter Relocator


APPROVAL DATE

DWG NO
EV0032

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
73	1	501001	FILTER OIL PZ-52
83	1	535909	RELOCATOR OIL FILTER FORD
88	3	565005Q	SCREW FH 1/4 - 20 x 3/4 SPEC
117	1	597008	SENSOR OIL PRESSURE 6.2 FORD
130	1	601041	SPUD REMOTE OIL FILTER 22MM
131	4	601048	FITTING 1/2 MB x 1/2 JIFFY non
146	1	845028-170S	HOSE ASM, TRANY COOLER 17 W/SLEEVE
148	1	845028-220S	HOSE ASM, TRANY COOLER 22" W/SLEEVE



Applicable Models



Indmar
MARINE ENGINES

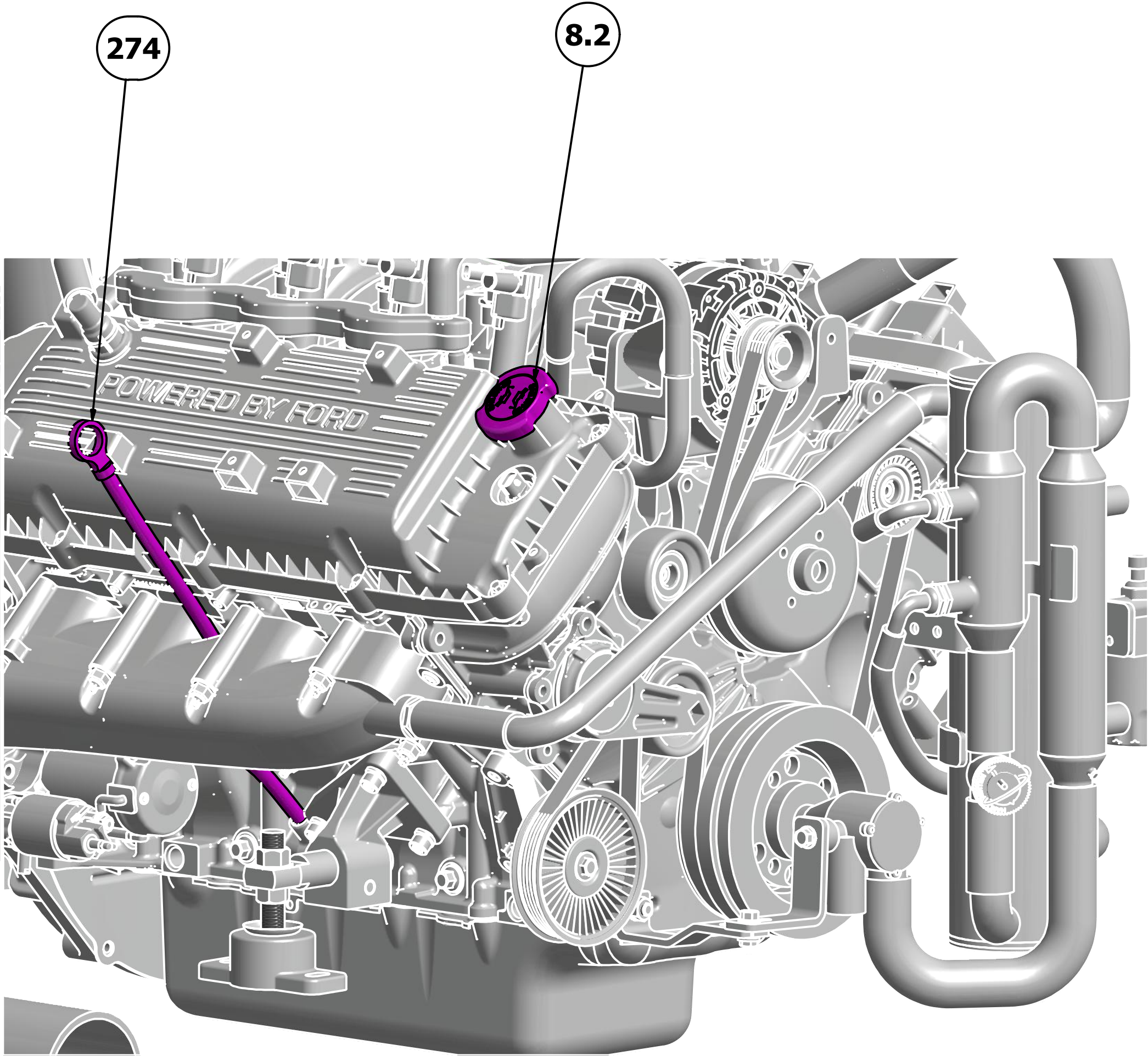
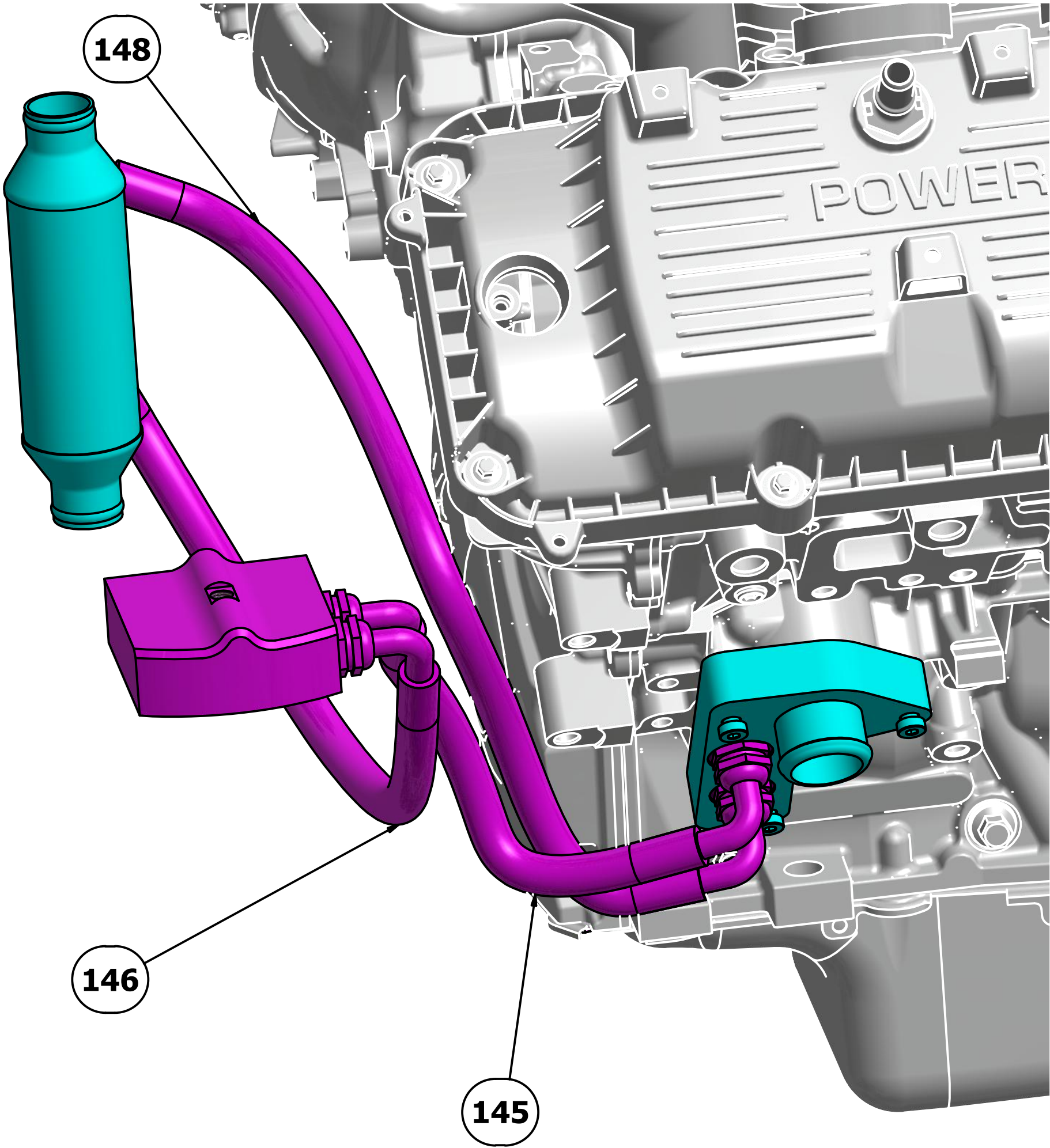
Exploded View

Oil System - Hose Routing

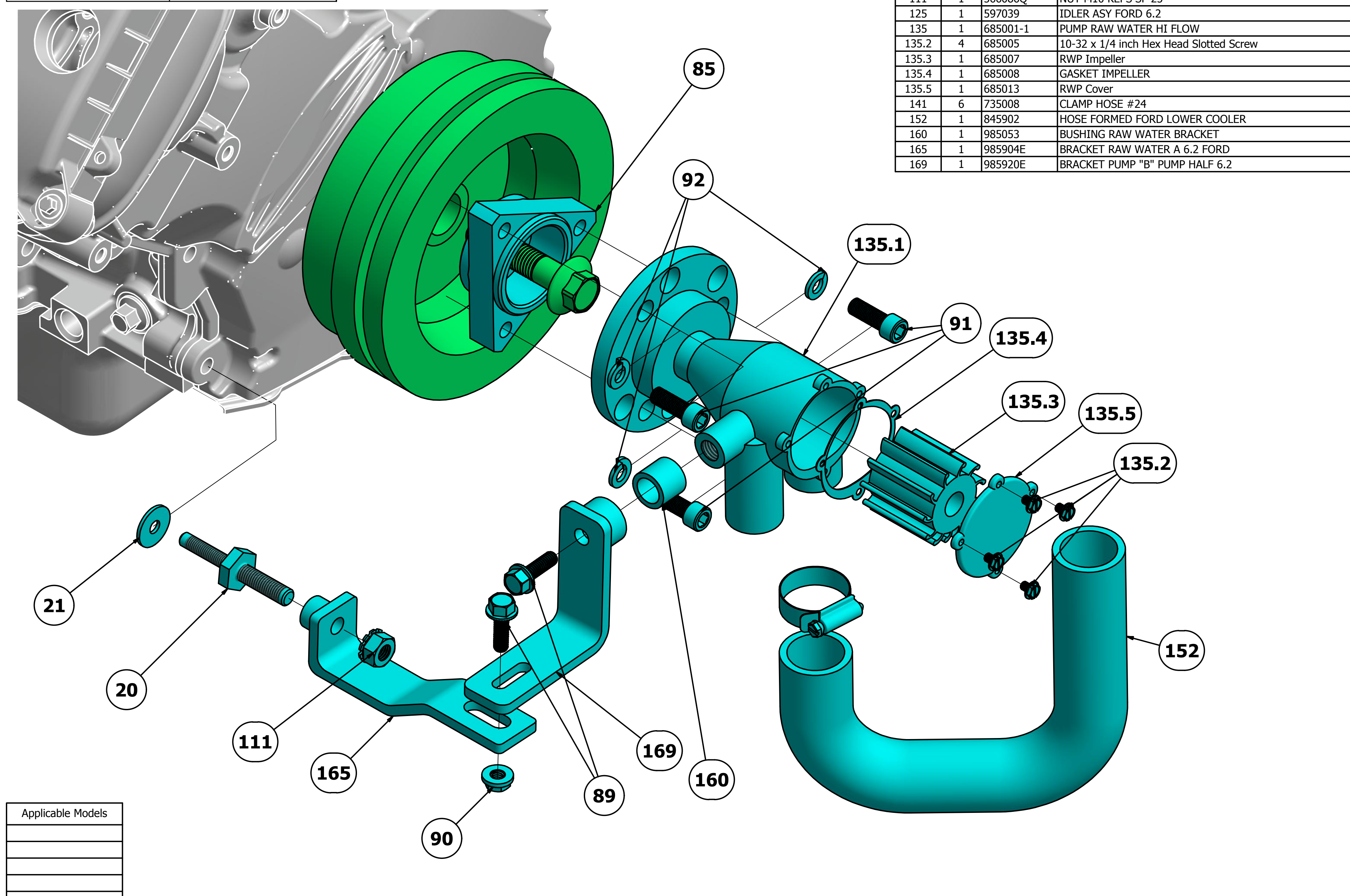
APPROVAL DATE

DWG NO
EV0033

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
8.2	1		Oil Fill Cap
145	1	845028-140S	HOSE ASM, TRANY COOLER 14" W/SLEEVE
146	1	845028-170S	HOSE ASM, TRANY COOLER 17" W/SLEEVE
148	1	845028-220S	HOSE ASM, TRANY COOLER 22" W/SLEEVE
274	1	597034	DIPSTICK FORD 6.2
283	1	845040-040	HOSE 1" SOFT WALL 4" LONG



Applicable Models



Applicable Models



Belts and Pulley

EV0035



33

106

110

(105

(104)

(109

86

70

(24

17

18

121

(110)

(105

9

(129

125

110

(106

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
9	1		Ford Balancer
17	2		Ford Pulley Washer ID M8 OD 31.6mm T 3.5
18	1		Ford Smooth Pulley
24	2		Pulley Bolt M8 x 1.25 x 25
33	1	566053Q	SCREW SHC 8MM X 1.25 X 50 SP 25
70	4	(FORD)	SCREW FH M8x1.25x18
86	1	551246	Pulley, Idler - Inside Serpent
104	1	566039Q	SCREW SHC M10 X 1.50 X 80
105	4	566051Q	SCREW SHC 8MM X 1.25 X 30 SP 25
106	5	566052Q	SCREW SHCS 8MM X 1.25 X 40M SP
109	1	566080Q	WASHER LOCK 10 MM SP 25
110	10	566054Q	WASHER LOCK 8 MM SP 25
112	1	575014	ALTERNATOR 95 AMP DELCO
121	1	597025	TENSIONER ASSY FORD 6.2
125	1	597039	IDLER ASY FORD 6.2
129	1	597043	CRANK DAMPNER BOLT FORD 6.2
136	1	725901	BELT FORD 6.2

Applicable Models

