

**FORD**  
**PERFORMANCE**

# Mustang Dark Horse R Homologation



# Table of Contents

|                                         |              |                                        |              |
|-----------------------------------------|--------------|----------------------------------------|--------------|
| <b>General Notes.....</b>               | <b>5</b>     | <b>Trunk / Rear.....</b>               | <b>13</b>    |
| <b>Interior.....</b>                    | <b>6-9</b>   | Trunk Latch.....                       | 13           |
| Dash Panel.....                         | 6            | Rear Closeout.....                     | 13           |
| Dash Panel Closeout.....                | 6            | Rear Fascia.....                       | 13           |
| Center Vents Assembly.....              | 6            | Wing Wicker.....                       | 13           |
| Heat Shield.....                        | 6            | <b>Engine.....</b>                     | <b>14-19</b> |
| Dash Panel Top.....                     | 6            | Sealed Engine.....                     | 14           |
| Dead Pedal Kit.....                     | 6            | Engine Seal Locations.....             | 15           |
| OBD2 Mounting Plate.....                | 6            | Catch Can Kit.....                     | 16           |
| Rear View Mirror.....                   | 7            | Catch Can Bracket.....                 | 16           |
| Rear View Mirror Brackets.....          | 7            | Oil Cooler Adapter.....                | 16           |
| Optional 5" Rear View Mirror Brackets.. | 7            | Oil Cooler Fitting Adapter Kit.....    | 16           |
| Optional 9" Rear View Mirror Brackets.. | 7            | Catch Can to Oil Pan Drain Back Hose.. | 16           |
| Optional Side View Mirror.....          | 7            | Oil Cooler.....                        | 16           |
| Optional Extended Side View Mirror      |              | Heater Hose.....                       | 17           |
| Bracket.....                            | 7            | Oil Cooler Lines.....                  | 17           |
| Ballast Cover.....                      | 7            | Radiator.....                          | 18           |
| Ballast Mount w/ Hardware.....          | 7            | Lower Radiator Aluminum Hose.....      | 18           |
| Ballast Plates.....                     | 8            | Lower Radiator Soft Hoses.....         | 18           |
| Ballast Assembly Location.....          | 8            | Fan Shroud Modification.....           | 19           |
| Door Foam – LH.....                     | 9            | <b>Exhaust.....</b>                    | <b>20</b>    |
| Door Latch Assembly – LH.....           | 9            | Headers.....                           | 20           |
| Inner Door Panel – LH.....              | 9            | LH Collector Pipe.....                 | 20           |
| <b>Exterior.....</b>                    | <b>10</b>    | LH Tail Pipe.....                      | 20           |
| Tow Hook Kit – Rear.....                | 10           | X-Pipe.....                            | 20           |
| Hood Pins.....                          | 10           | RH Collector Pipe.....                 | 20           |
| Tie Down Kit – Front / Rear.....        | 10           | RH Tail Pipe.....                      | 20           |
| Battery Tray.....                       | 10           | Exhaust Heat Wrap.....                 | 21           |
| Tow Hook Kit – Front.....               | 10           | <b>Fuel.....</b>                       | <b>22-24</b> |
| Rear Deflector.....                     | 10           | Fuel Cell Spacer.....                  | 22           |
| Exterior Power Panel (Master Power /    |              | Fuel Cell Bladder Assembly.....        | 22           |
| Fire Suppression Pull Cable).....       | 10           | Fuel Cell Lid.....                     | 22           |
| Transponder Bracket.....                | 10           | Fuel Pump Block Off Plate.....         | 22           |
| <b>Front.....</b>                       | <b>11-12</b> | Fuel Line Fittings.....                | 23           |
| Front Fascia Assembly w/ Upper and      |              | Fuel Lines.....                        | 24           |
| Lower Grill Mesh.....                   | 11           | <b>Frame / Mounting.....</b>           | <b>25</b>    |
| Cowl Top Assembly.....                  | 11           | Front Subframe (K Member).....         | 25           |
| Brake Duct Mounting Bracket.....        | 11           | Rear Subframe.....                     | 25           |
| Brake Duct Hose Kit.....                | 11           | <b>Suspension.....</b>                 | <b>26-28</b> |
| Radiator Closeout.....                  | 11           | Bearing Kit for Control Arms - Front / |              |
| Brake Duct Inlets.....                  | 11           | Rear.....                              | 26           |
| Splitter Supports.....                  | 12           | Front Lower Arm Assembly - LH.....     | 26           |
| Splitter Pencil Rods.....               | 12           | Front Lower Arm Assembly - RH.....     | 26           |
| Splitter Bumper Bracket.....            | 12           |                                        |              |

# Table of Contents (Cont.)

|                                            |              |                                            |              |
|--------------------------------------------|--------------|--------------------------------------------|--------------|
| <b>Suspension (Cont.).....</b>             | <b>26-28</b> | <b>Driveline.....</b>                      | <b>36-42</b> |
| Adjustable Link (Front Anti Roll Bar)..... | 26           | Shifter Kit.....                           | 36           |
| Front Brake Line Bracket.....              | 26           | Drive Shaft Loop Kit – Front.....          | 36           |
| Wheel Stud & Nut Kit – Rear.....           | 26           | Drive Shaft Loop Kit - Rear.....           | 36           |
| Wheel Stud – Front.....                    | 26           | Differential Pump.....                     | 36           |
| Knuckle / Bearing Assembly LH.....         | 27           | Differential Cooler and Fan Unit.....      | 36           |
| Upper Shock Mount – RH / LH.....           | 27           | Filter Screen for Differential Cooler..... | 36           |
| Lower Shock Mount Assembly, Bottom         | 27           | Diff Cooler and Fan Unit Bracket.....      | 36           |
| Rear Adjustable Drop Link.....             | 27           | Half Shafts.....                           | 37           |
| Knuckle / Bearing Assembly RH.....         | 27           | CV Boots – LH / RH.....                    | 37           |
| Lower Shock Mount, Top.....                | 27           | Clutch.....                                | 38           |
| Rear Adjustable Toe Link Assembly.....     | 27           | Cooling Lines.....                         | 39           |
| Rear Lower Control Arm LH.....             | 28           | Catch Cans.....                            | 40           |
| Rear Lower Control Arm RH.....             | 28           | Transmission Seal Locations.....           | 41           |
| Rear Upper Camber Arm – LH.....            | 28           | Rear Axle Seal Location.....               | 42           |
| Rear Upper Camber Arm – RH.....            | 28           | <b>Steering.....</b>                       | <b>43</b>    |
| Rear Camber Shims.....                     | 28           | Steering Wheel.....                        | 43           |
| <b>Dampers.....</b>                        | <b>29-30</b> | Steering Hub.....                          | 43           |
| Spring Bearing Kit, Rear (2") .....        | 29           | Steering Wheel Hook.....                   | 43           |
| Spring Bearing Kit, Front (2.5") .....     | 29           | Multifunction Switch.....                  | 43           |
| Front Damper - LH.....                     | 29           | Quick Release w/ Hardware.....             | 43           |
| Rear Damper – LH/RH.....                   | 29           | <b>Wheels &amp; Tires.....</b>             | <b>44-45</b> |
| Front Damper - RH.....                     | 29           | Wheels.....                                | 44-45        |
| Front Camber Adjuster Plates.....          | 29           | Mustang Challenge Tires.....               | 44           |
| Front and Rear Spring Options.....         | 30           | Mustang Cup Tires.....                     | 45           |
| <b>Brakes - ABS.....</b>                   | <b>31</b>    | <b>Data.....</b>                           | <b>46</b>    |
| Dark Horse R ABS M5 Clubsport Kit....      | 31           | Data System, MC187.....                    | 46           |
| ABS Sensor - Front LH.....                 | 31           | Data System Bracket.....                   | 46           |
| Front ABS Wire Hanger LH / RH.....         | 31           | Oil / Trans Temperature Sensor.....        | 46           |
| ABS Bracket.....                           | 31           | Data System GPS Antenna.....               | 46           |
| MSA Box, Signal Converter.....             | 31           | ProCal 4.....                              | 46           |
| ABS Sensor - Front RH.....                 | 31           | Optional Shift Light Module.....           | 46           |
| ABS Wire Bracket LH / RH.....              | 31           | <b>Electrical.....</b>                     | <b>47-49</b> |
| <b>Brakes.....</b>                         | <b>32-33</b> | Battery Harness, Modified.....             | 47           |
| Front Brake Pad.....                       | 32           | Breaker to Relay Cable.....                | 47           |
| Front Caliper Bracket w/ Hardware.....     | 32           | IP (Dash) Harness, Modified.....           | 47           |
| Front Brake Backing Plate LH / RH Kit..    | 32           | Battery to Breaker Cable.....              | 47           |
| Rear Brake Pad.....                        | 32           | PDB Harness, Modified.....                 | 47           |
| Front Caliper – LH / RH.....               | 32           | Front Loom.....                            | 47           |
| Brake Disc Assembly.....                   | 33           | Cockpit Loom.....                          | 47           |
| <b>Brake Lines.....</b>                    | <b>34-35</b> | Body Harness, Modified.....                | 47           |
| Stainless Steel Brake Lines.....           | 34           | Switch Panel / Harness.....                | 48           |
| Flexible Brake Lines.....                  | 35           | Door Harness - RH.....                     | 48           |

# Table of Contents (Cont.)

|                                            |              |                                         |               |
|--------------------------------------------|--------------|-----------------------------------------|---------------|
| <b>Electrical (Cont.).....</b>             | <b>47-49</b> | <b>Appendix.....</b>                    | <b>65-110</b> |
| Door Harness - LH.....                     | 48           | Driver Safety Harness.....              | 66            |
| Master Power Panel.....                    | 48           | Master Power Electrical Switch.....     | 67            |
| Steering Wheel Switch Plate / Harness..... | 48           | Fire Suppression System.....            | 68            |
| Diff Temp / Rear Chassis Harness.....      | 48           | Air Jack System.....                    | 69-73         |
| Diff Pump Jumper Harness.....              | 48           | Radio.....                              | 74            |
| Fuel Pump Jumper Harness.....              | 48           | Mustang Challenge – Yellow Flag         |               |
| Main Breaker.....                          | 49           | Warning System.....                     | 75            |
| Relay.....                                 | 49           | Mustang Cup – Safety System.....        | 76-77         |
| Can Bridge Module.....                     | 49           | Transponder System.....                 | 78            |
| <b>Safety Equipment.....</b>               | <b>50-57</b> | Incident Data Recorder.....             | 79            |
| Driver Safety Harness.....                 | 50           | Camera System.....                      | 80-81         |
| Safety Seat Bracket.....                   | 50           | Driver Cooling System.....              | 82-83         |
| Driver Window Net.....                     | 50           | Ride Height / Splitter Height Reference |               |
| Helmet Support Net, Left Side.....         | 50           | Points.....                             | 84            |
| Safety Seat.....                           | 50           | Front/Rear Fascia Mount Repair.....     | 85            |
| Window Net Mounting Kit.....               | 50           | Service Engine Pigtails.....            | 86-88         |
| Helmet Support Net, Right Side.....        | 50           | Bill of Materials.....                  | 89-110        |
| Roll Bar Padding.....                      | 50           | Additional Parts.....                   | 111           |
| Optional Seat / Mount .....                | 51           | Change Log.....                         | 112           |
| Seat Mounting Plate.....                   | 52           |                                         |               |
| Window Nets.....                           | 53-54        |                                         |               |
| Safety Harness and Helmet Support          |              |                                         |               |
| Net Collars.....                           | 55           |                                         |               |
| Roll Bar Padding Locations.....            | 56           |                                         |               |
| Fire Suppression System.....               | 57           |                                         |               |
| <b>Recommended Fluids.....</b>             | <b>58</b>    |                                         |               |
| <b>General Pictures.....</b>               | <b>59-64</b> |                                         |               |
| Under Hood / Trunk.....                    | 59           |                                         |               |
| Interiors.....                             | 60           |                                         |               |
| Front Wheel Well.....                      | 61           |                                         |               |
| Rear Wheel Well.....                       | 62           |                                         |               |
| Body In White (BIW).....                   | 63           |                                         |               |
| Chassis Serial Number.....                 | 64           |                                         |               |



# General Notes

- This homologation document is for Mustang Challenge and Mustang Cup
  - Mustang Challenge is sanctioned by IMSA (International Motor Sports Association)
  - Mustang Cup is sanctioned by USAC (United States Auto Club)
- Adjustments or modifications not specified in this document are not allowed
- The only optional equipment allowed is shown in this document
- All parts on vehicle must be production Ford Mustang Dark Horse components unless specifically listed in this document as detailed in the Bill of Materials
- Fluids are unrestricted. The recommended fluids are listed in this document
- Valve stem specification is open. Valve stem caps are required
- This homologation document may be updated if vehicle specification changes are made
- Updates will be available on the Ford Performance website
  - Mustang Challenge: [Competitor Info – Mustang Challenge](#)
  - Mustang Cup: [Competitor Info – Mustang Cup](#)

# Interior



Dash Panel  
DHR-DASH-MOD



Dash Panel Top  
DHR-DASH-MOD



Dash Panel Closeout  
DHR-DASHCLOSEOUT



Center Vents Assembly  
WMOD-C044K30-FB319W



OBD2 Mounting Plate  
DHR-OBD2-MNT-PLT



Dead Pedal Kit  
WR-DEADPEDAL



Heat Shield  
DHR-FLOOR-HT-SHLD



Floor Insulator (Optional)  
FP-FLINS-A

# Interior



Ballast Cover  
20017-03-0182AA01



Ballast Mount w/ Hardware  
200171-14-0000



Rear View Mirror  
JOES-11284



Rear View Mirror Brackets  
JOES-11284



5" Rear View Mirror Brackets (Optional)  
JOES-11264



9" Rear View Mirror Brackets (Optional)  
JOES-11294



Side View Mirror (Optional)  
JOES-11214

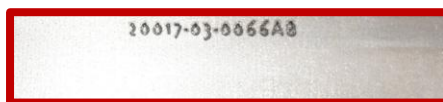
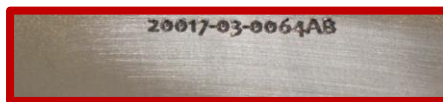
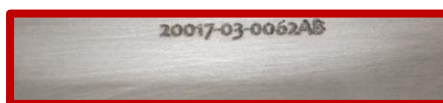


Extended Side View Mirror Bracket (Optional)  
JOES-11234

# Interior – Ballast



Ballast Assembly Location – Passenger Side Floor  
Ballast Assembly may be removed if not required



Ballast Plates (Not Included)  
FIA Approved Ballast Plates are Allowed

## Interior – Driver Door



Door Foam – LH  
DHR-IMPAXX-LHFOAM



Inner Door Panel – LH  
DHR-INNR-DOOR-PNL



Door Latch Assembly – LH  
DHR-DOORLTCHCABL

# Exterior



Tow Hook Kit – Rear  
FP-17954-RDH



Tow Hook Kit – Front  
FP-17654-FDH



Hood Pins  
120-4000



Rear Deflector  
DHR-AIRDEFLCTR-MOD



Tie Down Kit – Front / Rear  
M-1700-M



Exterior Power Panel (Master Power / Fire Suppression  
Pull Cable)  
DHR-EXTRPWRPNL



Battery Tray  
DHR-BATBOX-MOD



Transponder Bracket  
DHR-LAPSBKRT



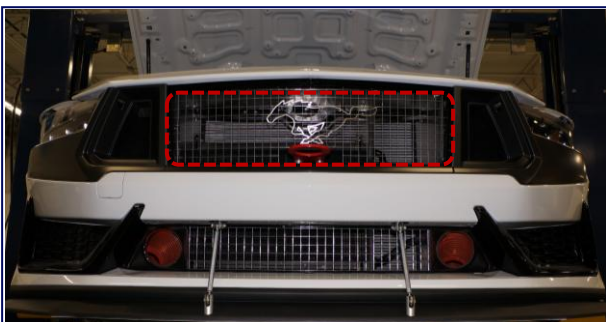
# Front



Front Fascia Assembly w/ Upper and Lower Grill Mesh  
FP-17000-DHR  
DHR-MESHGRL-UPR / DHR-MESHGRL-LWR



Front Fascia Assembly w/ Upper and Lower Grill Mesh  
FP-17000-DHR  
DHR-MESHGRL-UPR / DHR-MESHGRL-LWR



Upper Grill Mesh with Mustang Emblem (Optional)  
DHR-MESHGRL-UPRA



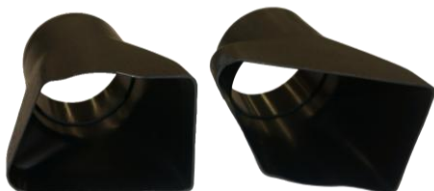
Radiator Closeout  
DHR-RADCLOSEOUT



Cowl Top Assembly  
DHR-COWEL-MOD



Brake Duct Hose Kit  
LCR-DH-BHKA / LCR-DH-BHK



Brake Duct Inlets  
LCR-DH-BDK



Brake Duct Mounting Bracket  
DHR-BRK-DCT-MNT-BRKT

# Front



Splitter Pencil Rod  
LCR-DH-PENCIL



Splitter Bumper Bracket  
LCR-DHR-BMPR-BRKT



Splitter Support  
LCR-DHR-SPLTR



Splitter Support Assembly



# Trunk / Rear



Rear Fascia  
FP-17500-DHR



Wing Wicker  
DHR-WING-EXTEN



Rear Closeout  
DHR-REARCLOSEOUT-AS



Trunk Latch  
WMOD-7643282-BB



Trunk Release Handle Location  
– Must be clearly labeled –



Trunk Release Handle Cover (Optional)

# Engine



Sealed Engine – View 1  
FP-6007-DHR



Sealed Engine – View 2  
FP-6007-DHR



Sealed Engine – View 3  
FP-6007-DHR



Sealed Engine – View 4  
FP-6007-DHR

# Engine – Seal Location



Engine Seal 1  
Timing Cover Seal



Engine Seal 1  
Timing Cover Seal



Engine Seal 2  
Valve Cover LH Seal



Engine Seal 2  
Valve Cover LH Seal



Engine Seal 3  
Valve Cover RH Seal



Engine Seal 3  
Valve Cover RH Seal



Engine Seal 4  
Intake Manifold Seal



Engine Seal 4  
Intake Manifold Seal



# Engine



Oil Cooler  
SET50-960-7612



Oil Cooler Adapter  
M22AN12-SE



Catch Can  
PTR08-0400-FPR



Oil Cooler Fitting Adapter Kit  
LCR-OCA-12



Catch Can Bracket  
PVC-TRNS-VNT-BRKT



Catch Can to Oil Pan Drain Back Hose  
CATCH-CAN-DRAINBACK-HOSE

# Engine Cooling



Oil Cooler Line 1, Engine Out / Cooler In  
S650-DHR-OIL-LINE1A / S650-DHR-OIL-LINE1



Oil Cooler Line 2, Cooler Out / Engine In  
S650-DHR-OIL-LINE2A / S650-DHR-OIL-LINE2



Heater Hose (Optional for Cars 001-040)  
WR-18K580-MODA



Heater Hose  
WR-18K580-MOD

# Engine Cooling



Radiator (Optional for Cars 001-040)  
CR-CC-Y1196-002



Radiator  
CR-CC-Y1100-002



Lower Radiator Aluminum Hose  
FP-8286-A



Zip Tie Stud Mount  
157-00291



Lower Radiator Soft Hose, 5.5 in  
Inlet to Thermostat Housing  
FP-8286-B



Lower Radiator Soft Hose, 4.5 in  
Radiator Side  
FP-8286-C

# Engine Cooling



Fan Shroud Modification  
Required



# Exhaust



Headers LH/RH  
FP-9430-DHRL / FP-9430-DHRR



X-Pipe  
FP-5200-DHRX



LH Collector Pipe  
FP-5200-DHRLC



RH Collector Pipe  
FP-5200-DHRRC

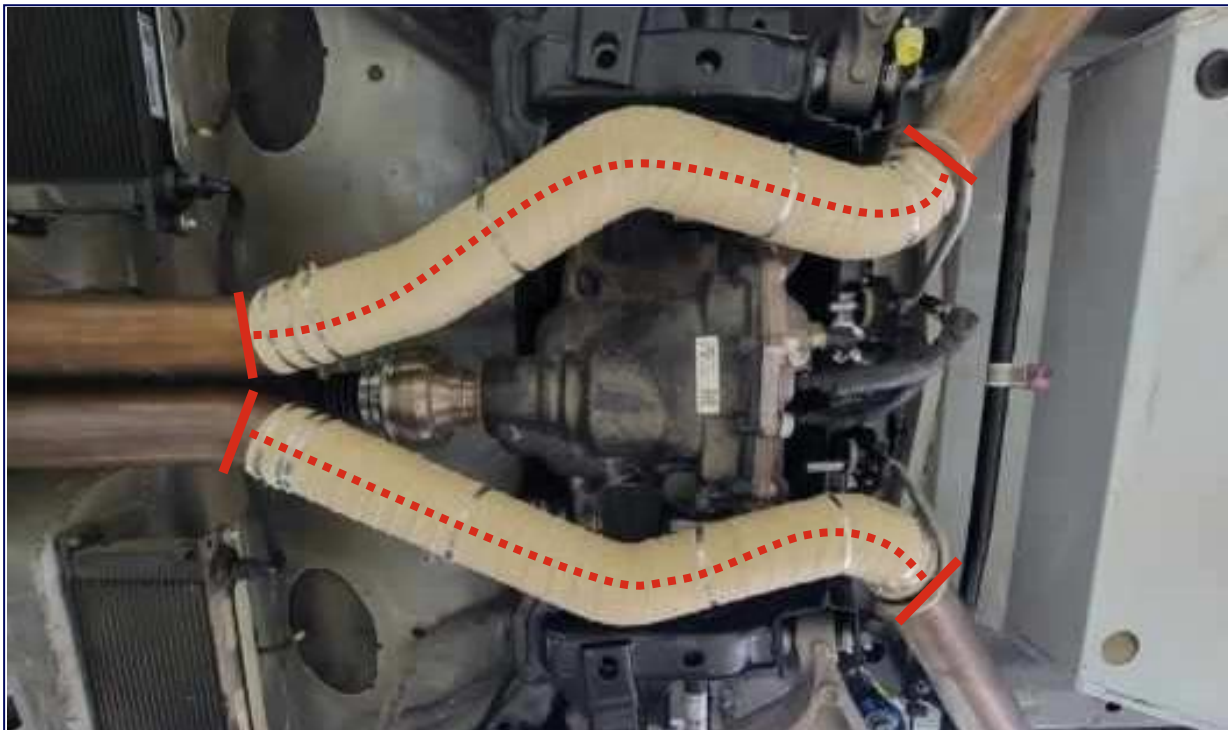


LH Tail Pipe  
FP-5200-DHRLT



RH Tail Pipe  
FP-5200-DHRRT

# Exhaust – Heat Wrap



Exhaust Heat Wrap Location (Red Dotted Line)  
Use a 50% overlap of the heat wrap. Use band clamps on both ends, additional clamps may be used.



COOL IT Thermo Tec Exhaust Insulating Wrap, 2"  
THT-11002

# Fuel Cell



Fuel Cell Spacer  
DHR-FUEL-SPACER



Fuel Cell Lid  
DHR-FUEL-SPACER



Fuel Line Fitting  
GEN-GA3186

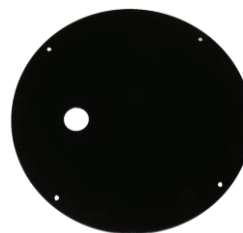
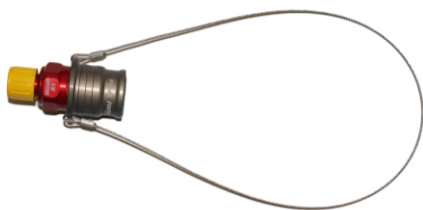


Plate (Fuel Pump Block Off)  
DHR-FUELPMPBLKOFF



Ball Locking Break Socket (Red)  
STA-SPT08.3655/L/JKV



Ball Locking Break Plug (Red)  
STA-SPT08.7655/L/JKV



Fuel Cell Bladder Assembly  
LCR-DH-FUELCELL

# Fuel Cell



Fuel Cell Fitting Location

Quick Disconnect (Circled with Solid Blue Line) / -8 AN Bulkhead (Circled with Dotted Blue Line)



Quick Disconnect & Nut  
SPT08.5655/L/JKV  
REQUIRED



-8 AN Bulkhead Fitting & Nut / Cap  
AN929-8D / TF232  
OPTIONAL

# Fuel Lines



Fuel Line – Factory to Bulkhead  
S650-DHR-FUEL-LINE1



Fuel Line – Bulkhead to Quick Release  
S650-DHR-FUEL-LINE2



Fuel Line – Quick Release to Cell  
S650-DHR-FUEL-LINE3

# Frame / Mounting



Front Subframe (K Member)  
WMOD-5C145-A



Rear Subframe  
DHR-SUBFRAME-MODA



# Suspension



Bearing Kit for Control Arms - Front / Rear  
SBK-60-1000



Bearing Kit for Control Arms - Front / Rear  
SBK-60-1000



Front Lower Arm Assembly – LH  
DHR-FCNTRLBRNG-MODL



Front Lower Arm Assembly – RH  
DHR-FCNTRLBRNG-MODR



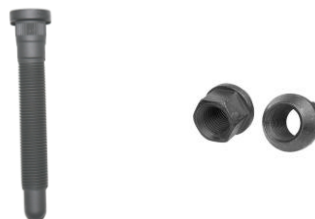
Adjustable Link (Front Anti Roll Bar)  
DHR-FRTSWYBRLINK-AS



Front Brake Line Bracket  
S650-DHR-RH-FRT-BRAKE-LINE-BRKT



Rear Wheel Stud & Nut Kit  
M-1107-E



Front Wheel Stud / Nut  
10-0119 / 40-0001-B

# Suspension



Knuckle / Bearing Assembly LH  
CM-5B759-S650



Knuckle / Bearing Assembly RH  
CM-5B758-S650



Upper Shock Mount – RH / LH  
DHR-RUPRSHKMOUNT



Lower Shock Mount, Top  
LCR-LSBRKT-DH



Lower Shock Mount Assembly, Bottom  
DHR-RLOWERSHKMNT



Rear Adjustable Toe Link Assembly  
DHR-TOE-LINK-ASSY-R2



Adjustable Rear Drop Link w/ Hardware  
LCR-DH-RSBL  
\*Anti Roll Bar and Adjustable Drop Link must be connected\*



Front Knuckle Backing Plate  
DHR-FT-BEAR-CV

# Suspension



Rear Lower Control Arm LH  
DHR-RCNTRLBRNG-MODL



Rear Lower Control Arm RH  
DHR-RCNTRLBRNG-MODR



Rear Upper Camber Arm – LH  
200171-12-1017



Rear Upper Camber Arm – RH  
200171-12-1016



Rear Camber Shim, 0.5mm (.13 Deg)  
200171-12-1004 AB



Arm Camber Shim, 1.0mm (.26 Deg)  
200171-12-1006 AB



Rear Camber Shim, 1.5mm (.39 Deg)  
200171-12-1008 AB

# Dampers



Spring, Rear (As Delivered)  
18C1000



Spring, Front (As Delivered)  
187B0700



Spring Bearing Kit, Rear (2")  
GEN-GC1017



Spring Bearing Kit, Front (2.5")  
GEN-GC1015



Front Damper Assembly – LH/RH  
FP-18000F-DHR



Front Camber Adjuster Plates – LH/RH  
FR-18183L-DHR / FR-18183R-DHR



Rear Damper Assembly – LH/RH  
FP-18000R-DHR



Front Camber Shims  
PIA to Front Camber Adjuster Plates

# Optional Front / Rear Springs

## Front Hyperco Springs

| SKU      | Inside Diameter [in] | Free Length [in] | Rate [lbs/in] | Deflection [in] | Load [lb] | Outside Diameter [in] | Solid Height [in] | Color |
|----------|----------------------|------------------|---------------|-----------------|-----------|-----------------------|-------------------|-------|
| 187B0500 | 2.5                  | 7                | 500           | 4.403           | 2202      | 3.661                 | 2.597             | Blue  |
| 187B0600 | 2.5                  | 7                | 600           | 4.260           | 2556      | 3.708                 | 2.740             | Blue  |
| 187B0700 | 2.5                  | 7                | 700           | 4.103           | 2872      | 3.687                 | 2.897             | Blue  |
| 187B0800 | 2.5                  | 7                | 800           | 3.991           | 3192      | 3.729                 | 3.009             | Blue  |
| 187B0900 | 2.5                  | 7                | 900           | 3.793           | 3413      | 3.834                 | 3.207             | Blue  |



## Rear Hyperco Springs

| SKU      | Inside Diameter [in] | Free Length [in] | Rate [lbs/in] | Deflection [in] | Load [lb] | Outside Diameter [in] | Solid Height [in] | Color |
|----------|----------------------|------------------|---------------|-----------------|-----------|-----------------------|-------------------|-------|
| 186C0700 | 2                    | 6                | 700           | 3.317           | 2322      | 3.009                 | 2.683             | Blue  |
| 186C0800 | 2                    | 6                | 800           | 3.293           | 2634      | 3.203                 | 2.707             | Blue  |
| 186C0900 | 2                    | 6                | 900           | 3.146           | 2831      | 3.156                 | 2.854             | Blue  |
| 186C1000 | 2                    | 6                | 1000          | 3.070           | 3069      | 3.128                 | 2.930             | Blue  |



# ABS



Dark Horse R ABS M5 Clubsport Kit  
FP-2353-DHR



MSA Box, Signal Converter  
F02U.V00.327-03



ABS Sensor - Front LH  
JR3C-2C204-B1B



ABS Sensor - Front RH  
JR3C-2C205-B1B



Front ABS Wire Hanger LH / RH  
S650-DHR-FRT-ABS-WIRE-BKRT-ASSY



ABS Wire Bracket LH / RH  
PR3C-2C224-AA / PR3C-2C224-BA



ABS Bracket  
DHR-ABSBKRT-AS



ABS Pressure Sensor Fitting  
LCR-DH-BOSCH-ADP



# Brakes



Front Brake Pad  
BRP34-1980WA.29B



Front Brake Pad  
BRP34-1980WA.29B



Front Caliper Bracket w/ Hardware  
20B71805



Front Caliper – LH / RH  
XB8GK51 / XB8GK52



Front Brake Backing Plate LH / RH Kit  
DHR-BRAKE-BKNG-PLT-L / R



Rear Brake Pad Kit  
P1309.17.F01

# Brakes



Brake Disc Assembly  
759B97936



Bell Ring Bolts  
5582916



Bell Ring  
05A46739



Disc  
759B97936 (LH) / 759B97946 (RH)



Bell  
16B71452

# SS Brake Lines



Master Cylinder to ABS – Front  
DHR-BRKLINE1



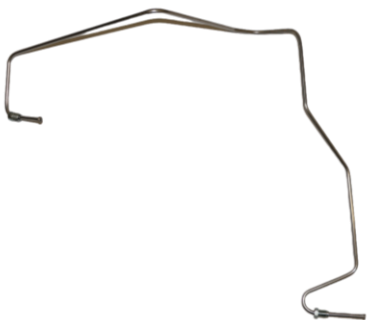
Master Cylinder to ABS – Rear  
DHR-BRKLINE2



Rear Brake Lines, ABS to Rear LH  
DHR-BRKLINE3



Rear Brake Lines, ABS to Rear RH  
DHR-BRKLINE4

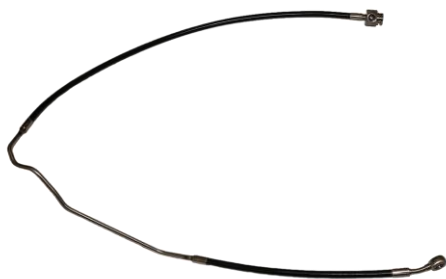


Front Brake Line – LH  
DHR-BRKLINE5



Front Brake Line – RH  
DHR-BRKLINE6

# Flexible Brake Lines



Rear Brake Line – LH  
FORDM-B01



Rear Brake Line – RH  
FORDM-B02



Front Brake Line – LH  
FORDM-B05



Front Brake Line – RH  
FORDM-B04



Front Brake Line Caliper Fitting / Copper Washer  
06.2196.13 / 06.3710.20



Master Cylinder Fitting  
9183-MTN

# Driveline



Drive Shaft Loop Kit – Front  
CM-5478-MGTF



Drive Shaft Loop Kit - Rear  
CM-5478-350S-R



Differential Pump  
GEN\_GC1111



Bracket (Diff Pump to Body)  
DHR-DIFFPMPBRKT-AS



Differential Cooler and Fan Unit  
SETFP920M22I



Differential Cooler and Fan Unit Bracket  
DHR-DIFF-CLR-BRKT



Filter Screen for Differential Cooler  
SET11-UF08



Shifter Kit  
LCR-7210-A

Optional Shifter Knob  
LCR-7210-A

# Driveline – Half Shafts



Half Shaft LH  
DHR-HALFSHAFT-MODLA



Half Shaft RH  
DHR-HALFSHAFT-MODRA



CV Boot – LH  
M-3A331-GT4A



CV Boot – RH  
M-3A331-GT4B

CV Boots can be used for both inboard and outboard locations



# Driveline – Clutch



Clutch Pressure Plate  
FP-7563-DHRA



Disc  
FP-7550-DHRA



Flywheel  
FP-6375-DHR



Throwout Bearing  
MR3Z-7A508-A



Pressure Plate Hardware  
(Included in FP-6375-DHR)



Clutch Spacer Kit  
FP-7500-DHR

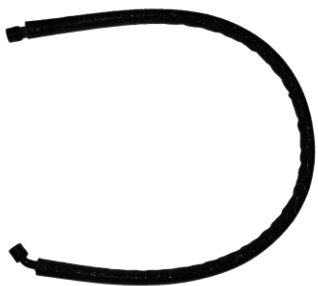


SS Clutch Line  
S650-DHR-CLUTCH-LINE



Clutch Master Feed Kit  
LCR-CMFK-DH

# Driveline – Cooling Lines



LH Cooler Out / Differential In  
S650-DHR-DIFF-LINE-HOSE1



Pump Out / RH Cooler In  
S650-DHR-DIFF-LINE-HOSE2



Differential to Pump In  
S650-DHR-DIFF-LINE-HOSE3A /  
S650-DHR-DIFF-LINE-HOSE3



RH Cooler Out / LH Cooler In  
S650-DHR-DIFF-LINE-HOSE4



Oil Cooler Line, Transmission In  
DHR-TRNS-CLR-LIN-1A / DHR-TRNS-CLR-LIN-1



Oil Cooler Lines, Transmission Out  
DHR-TRNS-CLR-LIN-2A / DHR-TRNS-CLR-LIN-2



Transmission Oil Cooler Line  
DHR-TRANSLINE-COOL



Trans Oil Cooler Tube Assembly  
DHR-TRANSLINE-TRANS

# Driveline – Catch Cans



Front Catch Can Kit – Transmission  
DHR-FCTCHCAN-TRANS  
(Optional for Cars 001-040)



Rear Catch Can Kit – Differential  
DHR-RCTCHCAN-DIFF  
(Optional for Cars 001-040)

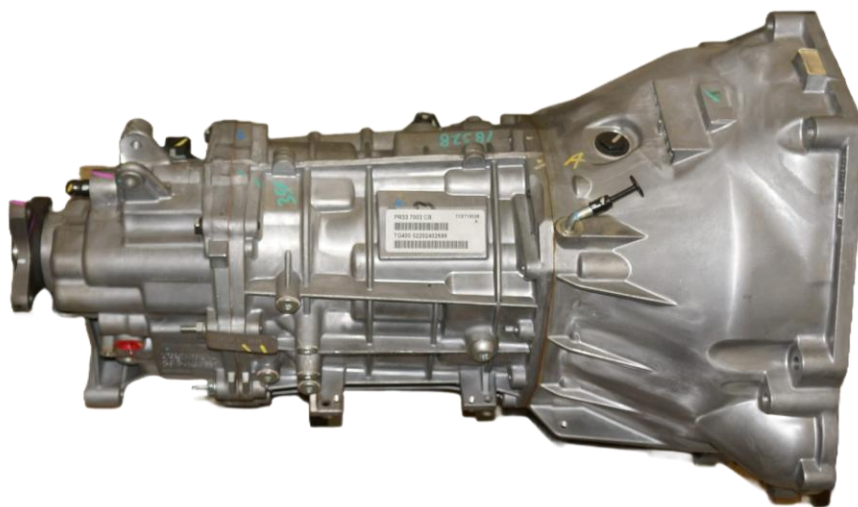


Catch Can  
JOES-12310  
(Optional for Cars 001-040)

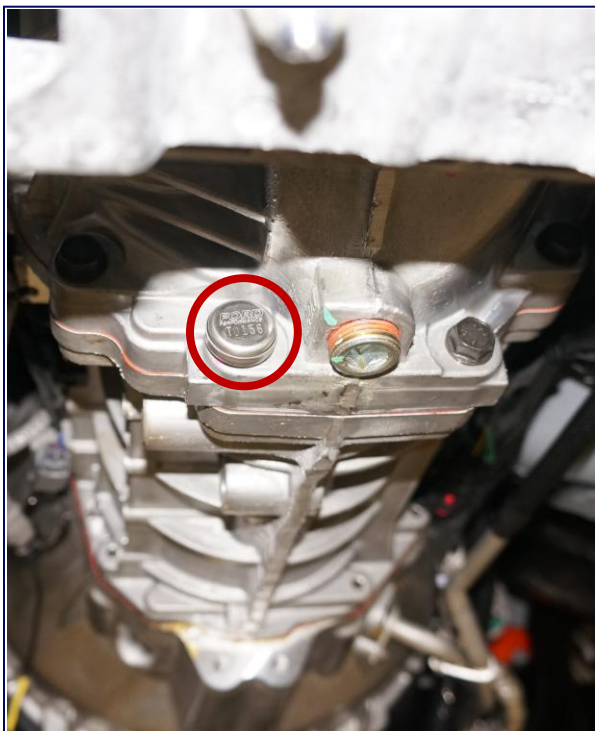


Transmission / Differential Vent  
MR3Z-7A246-B  
Standard for Cars 001-040

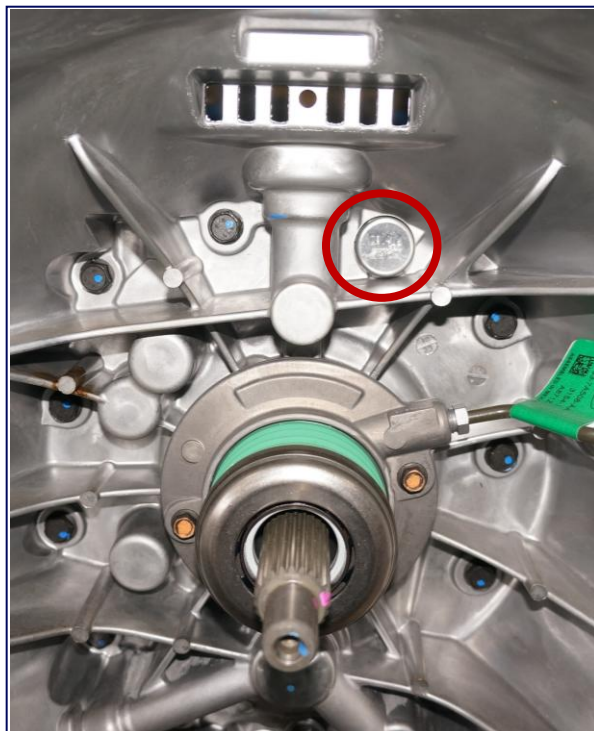
# Transmission – Seal Locations



Sealed Transmission  
FP-7003-DHR

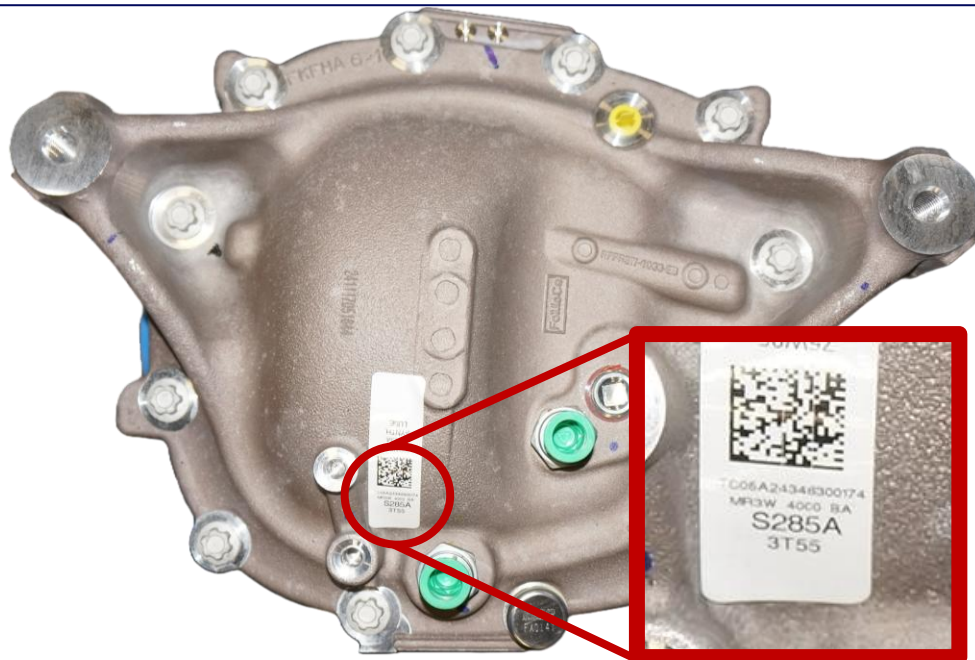


Transmission Seal Location 1

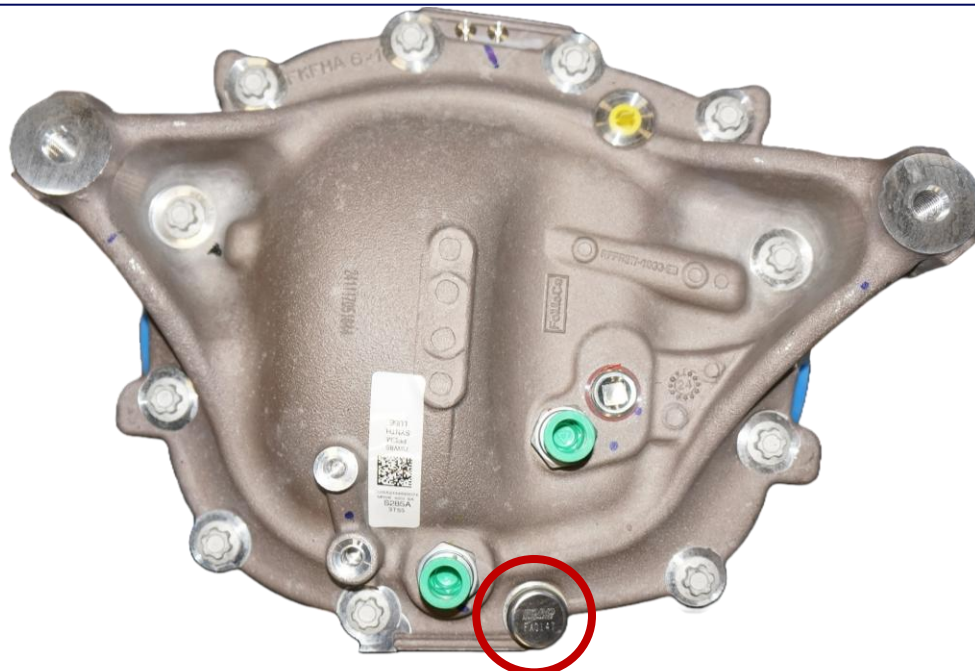


Transmission Seal Location 2  
Inside Bell Housing

## Rear Axle – Seal Location



Sealed Rear Axle 3.55 (REQUIRED)  
FP-4001-DHRA



Rear Axle Seal Location



# Steering



Steering Wheel  
M-3600-RA



Multifunction Switch  
DHR-CLMNSWCH-MOD



Steering Hub  
01502067CA



Quick Release w/ Hardware  
015R98TU



Steering Wheel Hook  
JOES-10704-B



# Wheel & Tires – Mustang Challenge

**MICHELIN**



Mustang Challenge Tire – Slick  
79759

**MICHELIN**



Mustang Challenge Tire – Rain  
25100



Wheel  
VS5RE1811ET52-AN



Wheel  
VS5RE1811ET52-AN



Wheel Spacer  
APX-SPCR-5114-28-B

# Wheel & Tires – Mustang Cup

YOKOHAMA.



Mustang Cup Tire – Slick  
150100683

YOKOHAMA.



Mustang Cup Tire – Rain  
150100722



Wheel  
VS5RE1811ET52-AN



Wheel  
VS5RE1811ET52-AN



Wheel Spacer  
APX-SPCR-5114-28-B

# Data



Data System, MC187  
M C187 Dark Horse R



Data System GPS Antenna  
M GPS-L10



Bracket (Mount Screen to Clock Spring)  
DHR-MOTECBRKT



ProCal 4  
M-12655-F



Oil / Trans Temperature Sensor  
M 25-2197D



Shift Light Module (Optional)  
18120

# Electrical



Battery Harness, Modified  
PR3T-14B060-PGMOD



Battery to Breaker Cable  
FP-14B060-AA



Breaker to Relay Cable  
FP-14B060-BA



PDB Harness, Modified  
PR3T-14290-FHLMOD



IP (Dash) Harness, Modified  
PR3T-14401-EFMOD



Front Loom  
FP-14290-AB



Main Body Harness, Modification  
PR3T-14A005-CGLBMOD



Cockpit Loom  
FP-14A005-AB

# Electrical



Switch Panel / Harness  
DHR-CENTERSTACK / FP-14401-BA



Master Power Panel / Upper Switch Harness  
DHR-MSTR-PWR-PNL / FP-14401-CA



Steering Wheel Switch Plate / Harness  
FP-14A664-AA / DHR-STRNGWHLSWTCH



Diff Temp / Rear Chassis Harness  
PR3T-2B572-FFMOD



Door Harness - RH  
PR3T-14630-HGMOD



Door Harness - LH  
PR3T-14631-KGMOD



Diff Pump Jumper Harness  
FP-14A411-AA



Fuel Pump Jumper Harness  
FP-2B572-AA

# Electrical



Relay  
TE 29-311-11



Main Breaker  
Optifuse 353250



Can Bridge Module  
M-14660-3FD  
Standard for Cars 041+  
(Optional for Cars 001-040)



Can Bridge Module  
M-14660-2FD  
(Standard for Cars 001-040)



# Safety Equipment



Driver Safety Harness  
SAB-CFCI22100056



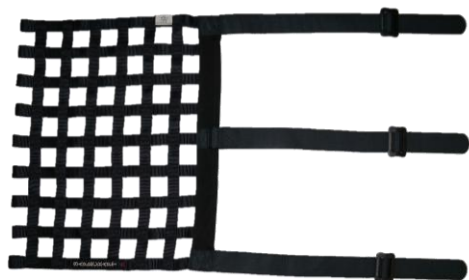
Safety Seat  
071.38.0630-01



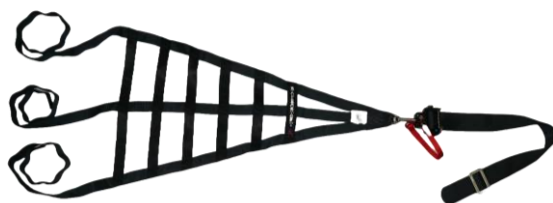
Safety Seat Bracket  
7206293NA



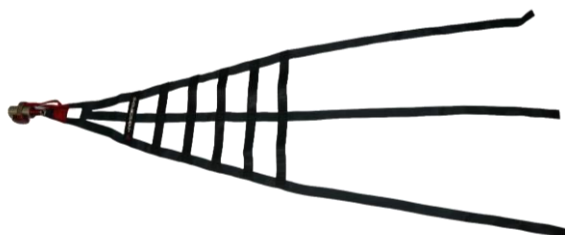
Window Net Mounting Kit  
DHR-NETHRDWR



Driver Window Net  
LCR-DH-LHWN



Helmet Support Net, Right Side  
SFC-8011-K-FIA



Helmet Support Net, Left Side  
SFC-8111-K-L-FIA



Roll Bar Padding  
BSCI-78001

## Optional Seat / Mount



Optional Seat  
071.28.UU11-01



Flexible Sidemount (Optional)  
7221002NA



Seat Mount (Optional)  
7207450A

# Seat Mounting Plate

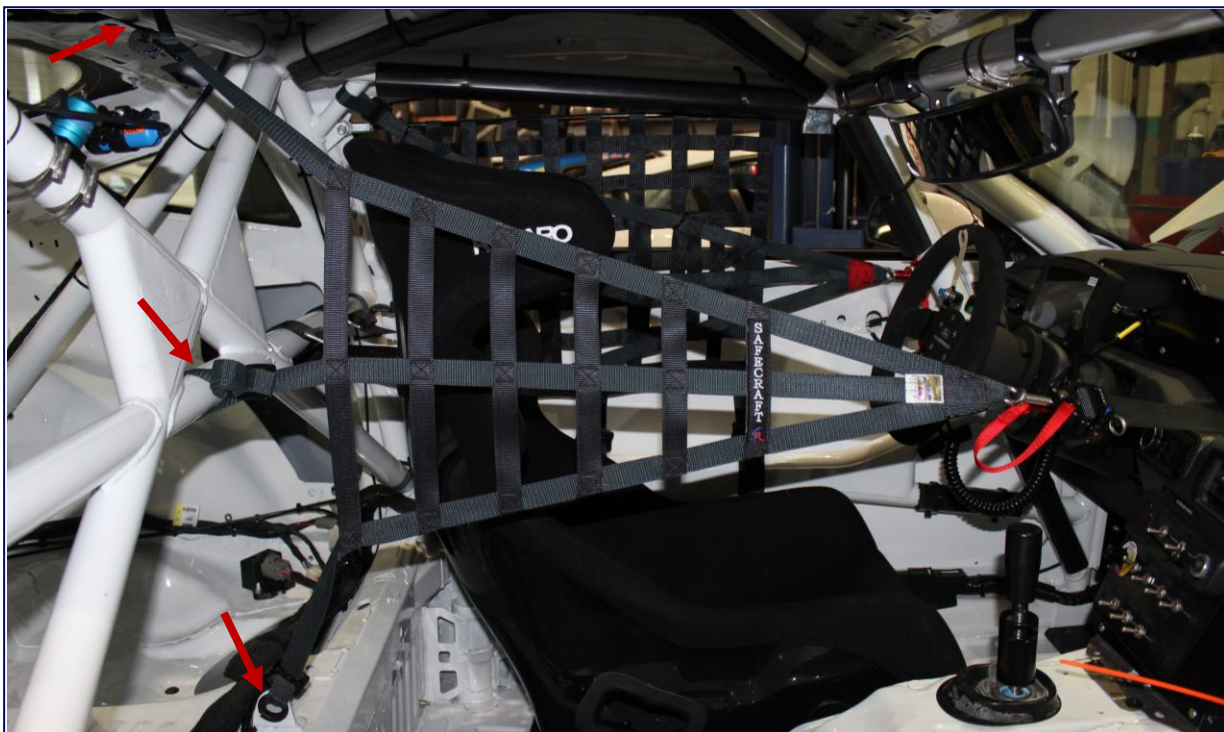


Standard Seat Mounting Plate for Cars 001-040

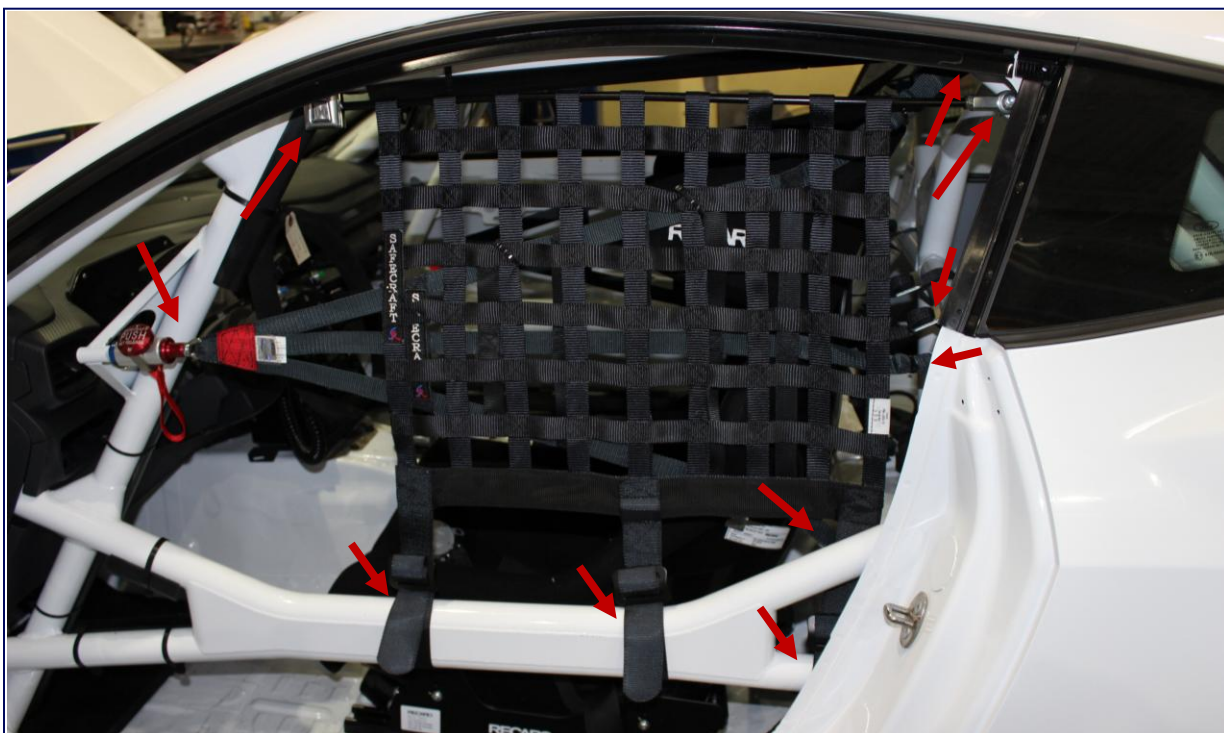


Standard Seat Mounting Plate for Cars 041-080  
(Optional for Cars 001-040)

# Window Nets



RH Helmet Support Net (Ratchet Release)  
Mounting Points



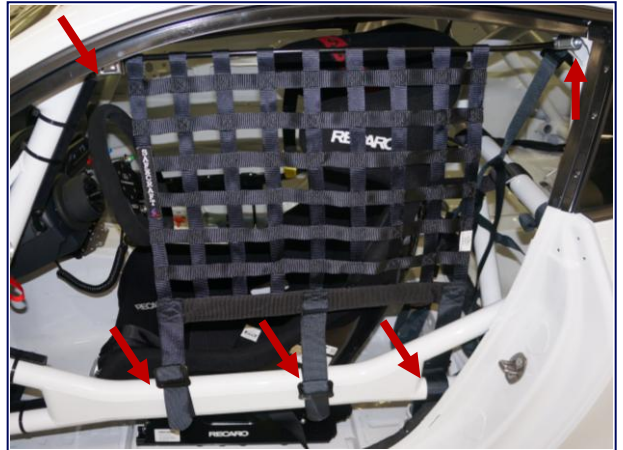
LH Driver Window Net + Helmet Support Net (Quick Release)  
Mounting Points



# Window Nets



Driver Helmet Support Net  
Mounting Points



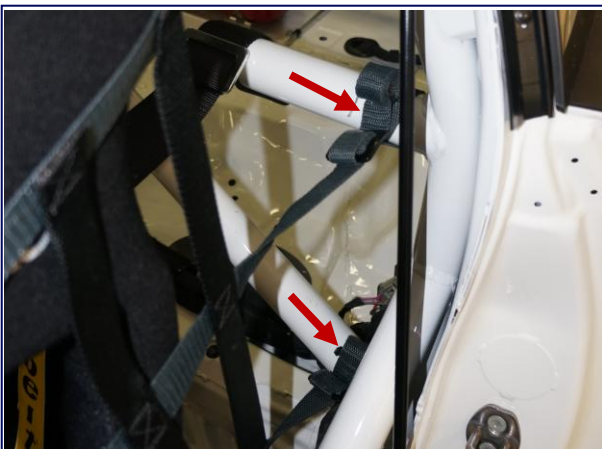
Driver Window Net  
Mounting Points



Driver Helmet Support Net  
Quick Release



Driver Window Net  
Rod Release



Driver Helmet Support Net  
Mounting Points

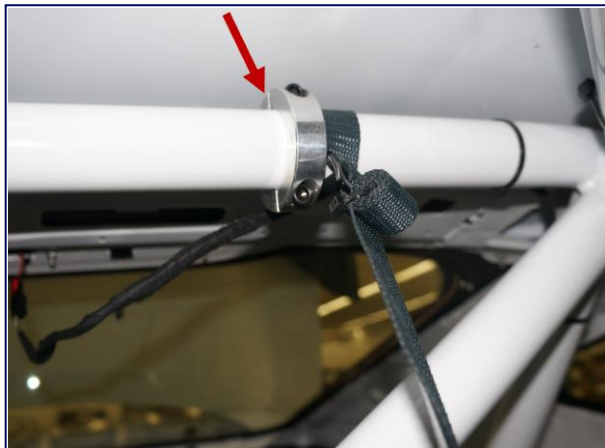


Driver Window Net  
Rod Mounting Point

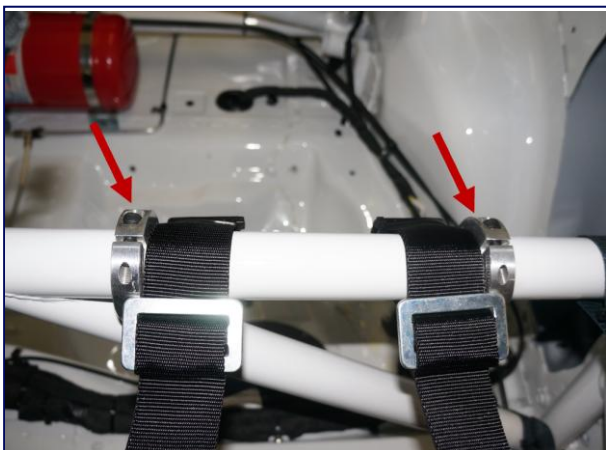
# Safety Harness and Helmet Support Net Collars



Helmet Support Net Collar Location  
Main Safety Cage Center



Helmet Support Net Collar Location  
Main Safety Cage Hoop



Safety Harness Collar Locations  
Safety Cage Bar Behind Driver's Seat



2-Piece Lock Collar, 1.75in ID  
GEN-GA3277



# Roll Bar Padding



Roll Bar Padding Locations

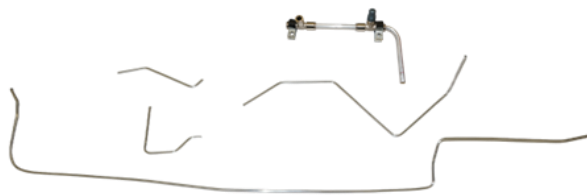


Roll Bar Padding Locations

# Safety Equipment – Fire Suppression System



Fire Bottle / Mount  
014772MSL



Fire Suppression Lines  
014772MSL



Fire Suppression System Fittings / Nozzles  
014772MSL



Fire Suppression System Pull Cable  
014772MSL

# Recommended Fluids



Gear Lubricant, Ford Motorcraft 75W-85  
XY-75W85-QL



Motor Oil, Ford Motorcraft 5W-50  
XO-5W50-QGT



Coolant (Motorcraft Gold) (50/50)  
VC-13-G



Trans Fluid (Motorcraft Mercon LV)  
XT-10-QLVC



Brake Fluid, Brembo HTC64  
04816420



# Under Hood / Trunk



Under Hood View



Trunk View

# Interiors



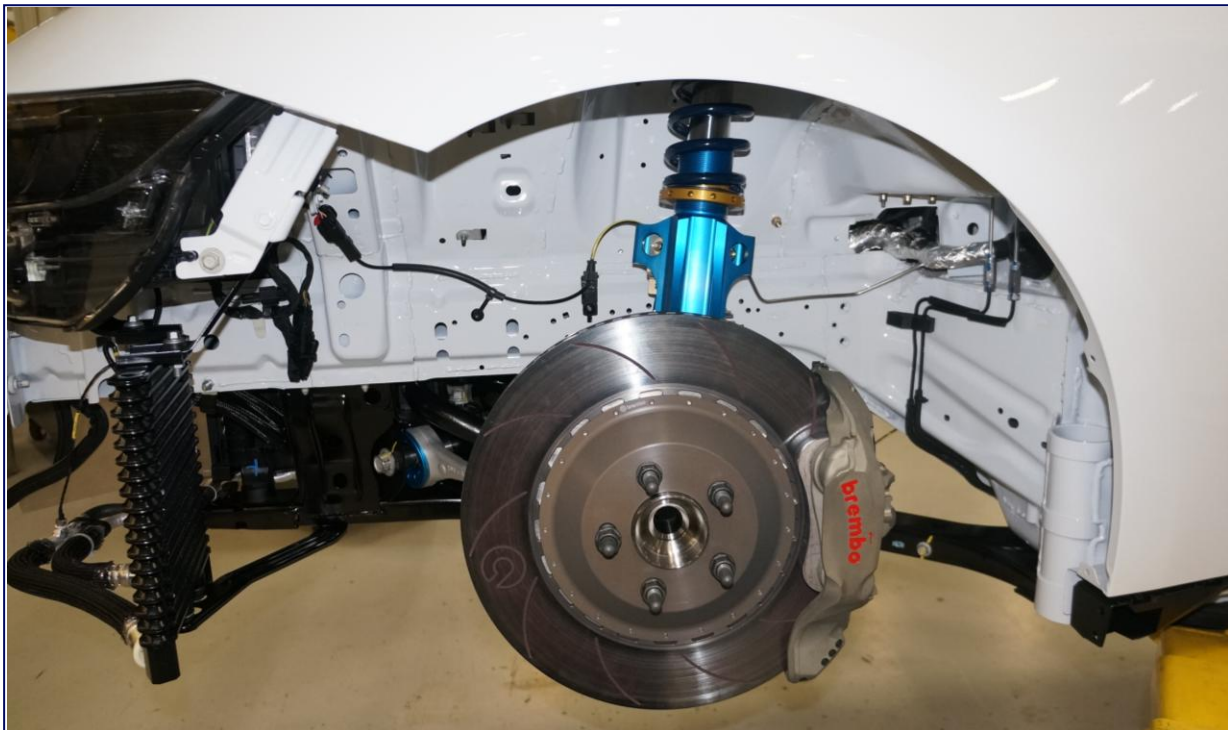
Interiors – View from Driver's Door



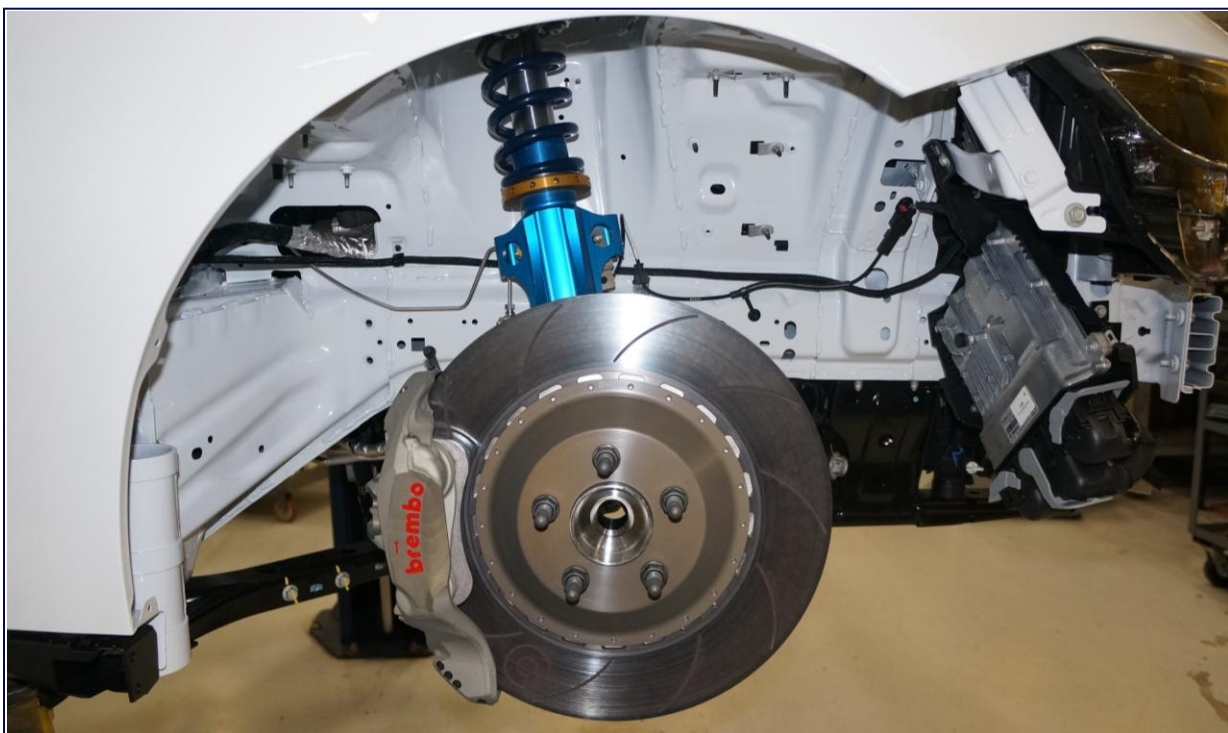
Interiors – View from Passenger's Door



# Front Wheel Well



Front Driver Side Wheel Well



Front Passenger Side Wheel Well



# Rear Wheel Well



Rear Driver Side Wheel Well



Rear Passenger Side Wheel Well

# Body in White (BIW)



Caged BIW Mustang Dark Horse R  
CFP-607100-DHR



Caged BIW Mustang Dark Horse R  
CFP-607100-DHR

# Chassis Serial Number



Chassis Serial Number – Windshield Tag  
Standard (As Delivered)



Chassis Serial Number – Windshield Tag  
BIW



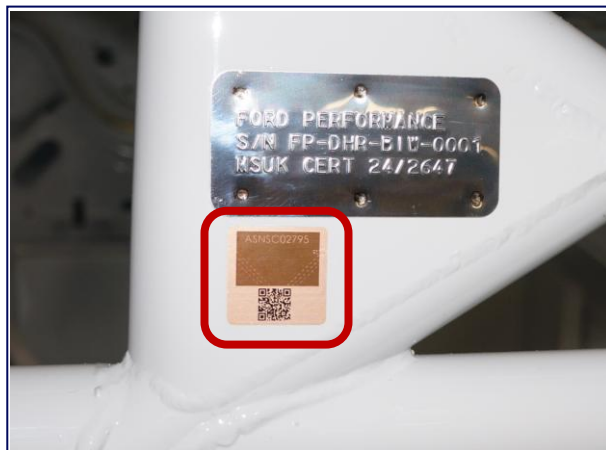
Chassis Serial Number – Safety Cage Tag  
Standard (As Delivered)



Chassis Serial Number – Safety Cage Tag  
BIW



Safety Cage FIA Certification  
Standard (As Delivered)

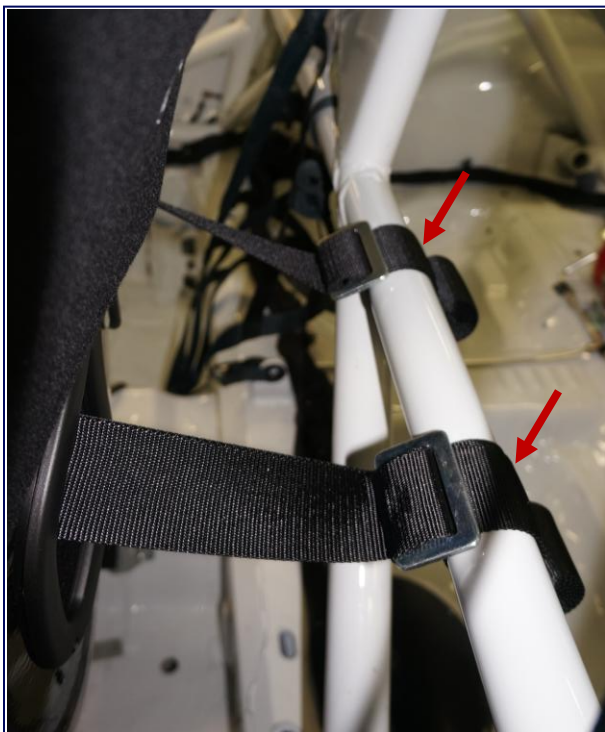


Safety Cage FIA Certification  
BIW

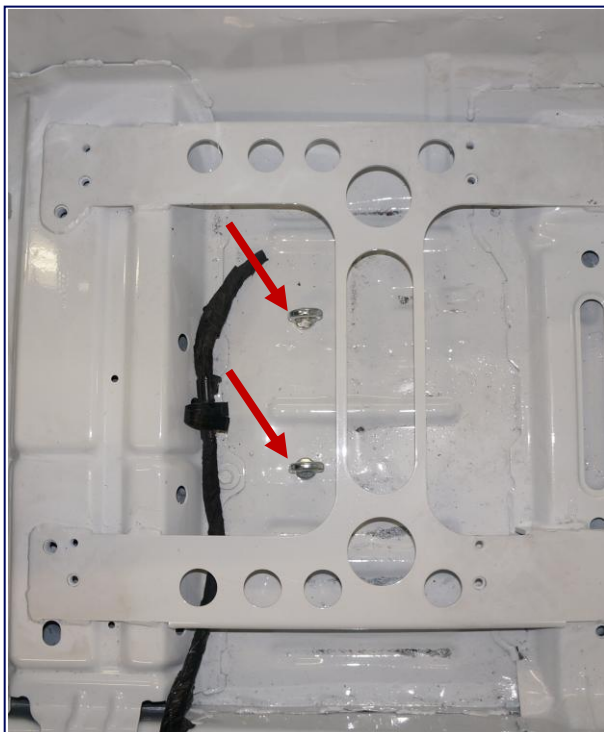
# Appendix



# Driver Safety Harness System



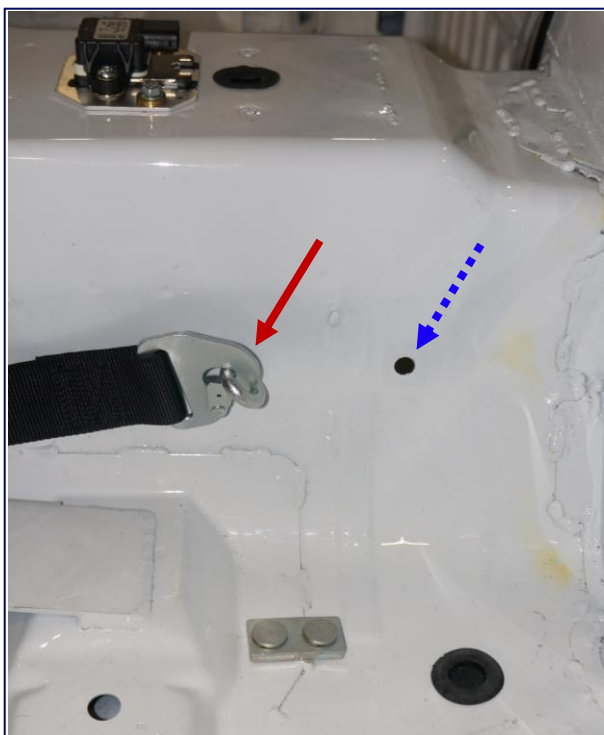
Harness Mounting Points  
Roll Cage Behind Driver's Seat



Harness Mounting Points  
Driver's Side Floor



Harness Mounting Point  
Driver's Side Rear



Standard Harness Mount Location (Red)  
Optional Harness Mount Location for use with Inboard Seat  
Mount Location (Blue Dashed)  
Left Side of Drive Shaft Tunnel



# Master Power Electrical Switch



Interior Master Power Electrical Switch  
OFF – Down towards Floor / ON – Up towards Roof



Exterior Master Power Electrical Switch  
Exterior Driver Side  
OFF – towards Passenger Side / ON – towards Driver Side

# Fire Suppression System



Fire Bottle Mount + Nozzle



Driver's Feet Nozzle



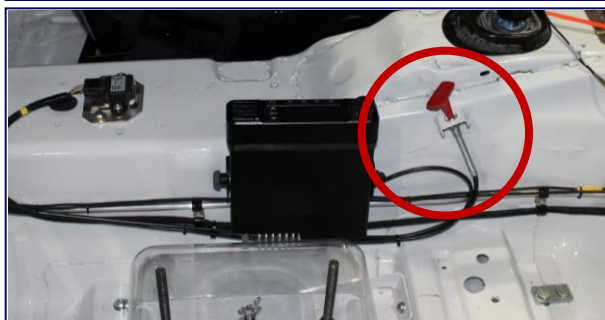
Fuel Cell Nozzle



Engine Bay Nozzle 1  
Driver Side



Engine Bay Nozzle 2  
Passenger Side



Interior Cable Pull  
Right Side of Drive Shaft Tunnel



Exterior Cable Pull  
Exterior Driver Side



## Air Jack System – Optional



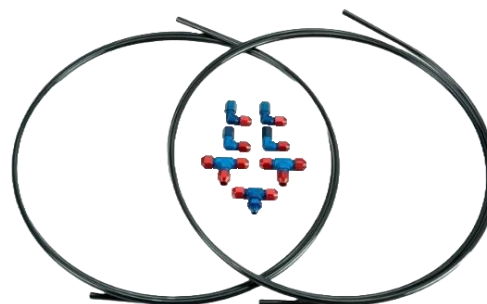
Air Jack Bezel  
13052-09-1110 (Qty: 1)



Krontec Connecting Valve  
KR0.LL.16 or KR0.LL.16PLUS (Qty: 1)



Krontec Air Lift  
Std. 60mm M60 X 1.5 HUB 230 mm  
KR0.LL.24 (Qty: 4)



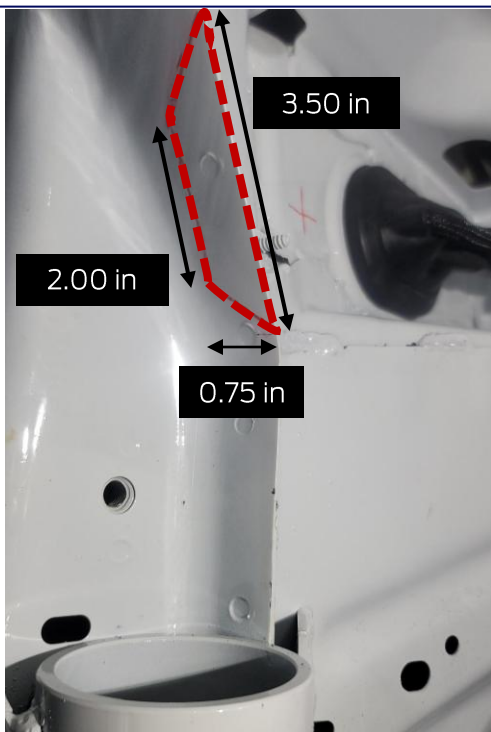
Krontec Air Jack Line Kit  
W90\* AN6 Ends, No Valve 4 Jack  
KR0.LL.LK41 (Qty: 1)

Use routing locations as shown in this document.

Connection valve location is open.



# Air Jack System – Optional



Front Seam Modification  
Passenger Side Shown, Driver Side Opposite



Front Seam Modification  
Passenger Side Shown, Driver Side Opposite

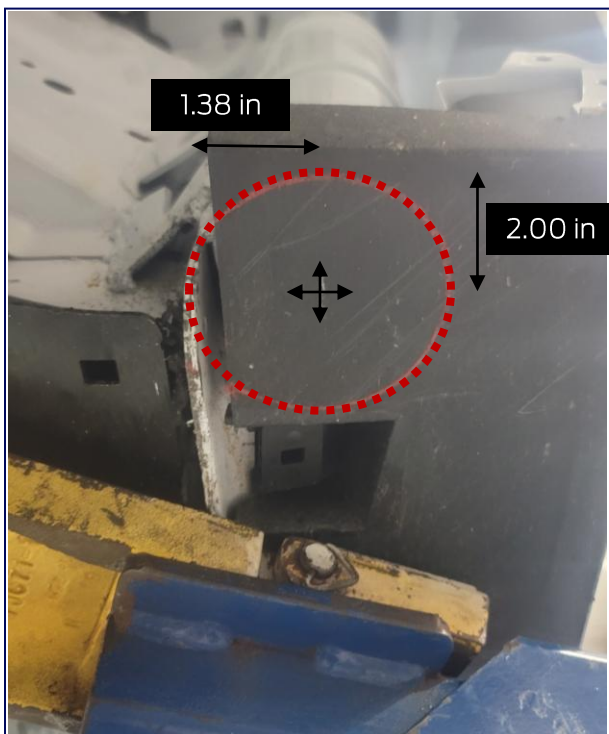


Front Air Jack / Bulkhead Connection  
Passenger Side



Front Air Jack / Bulkhead Connection  
Driver Side

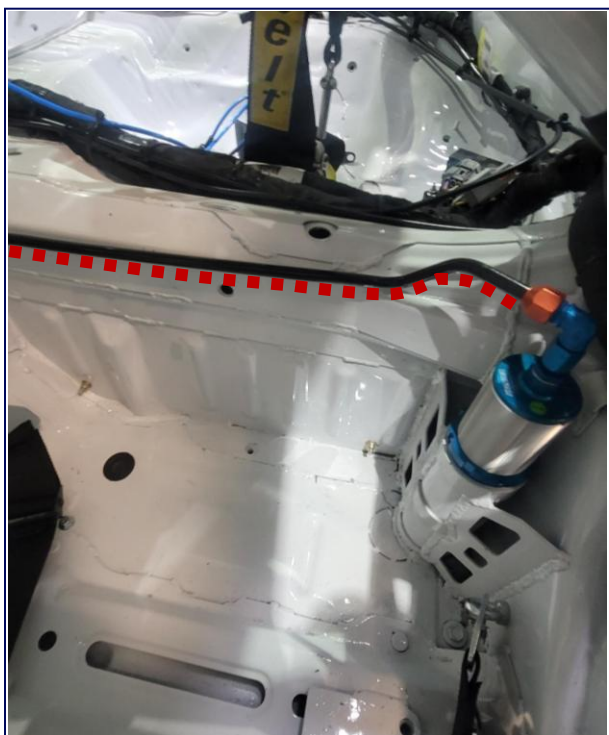
# Air Jack System – Optional



Front Air Jack Side Skirt Modification  
Driver Side Shown / Passenger Side Opposite



Front Air Jack Side Skirt Modification  
Driver Side Shown / Passenger Side Opposite



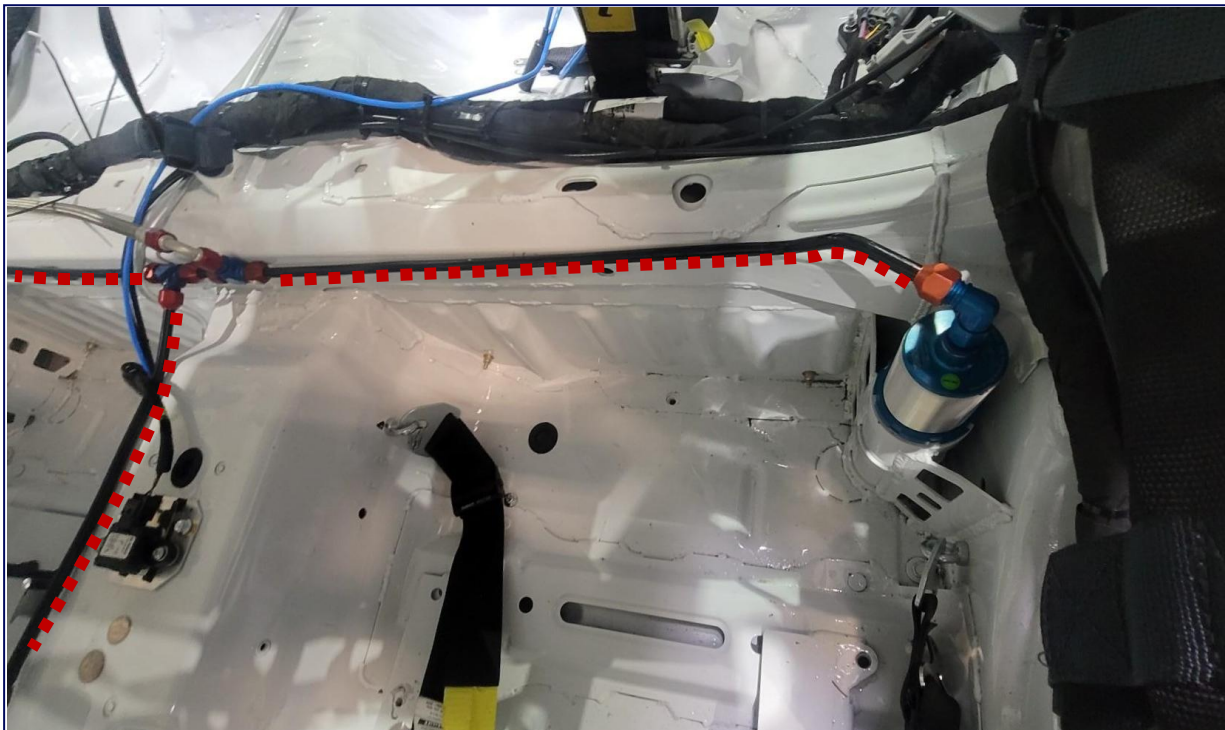
Rear Air Jack  
Driver Side



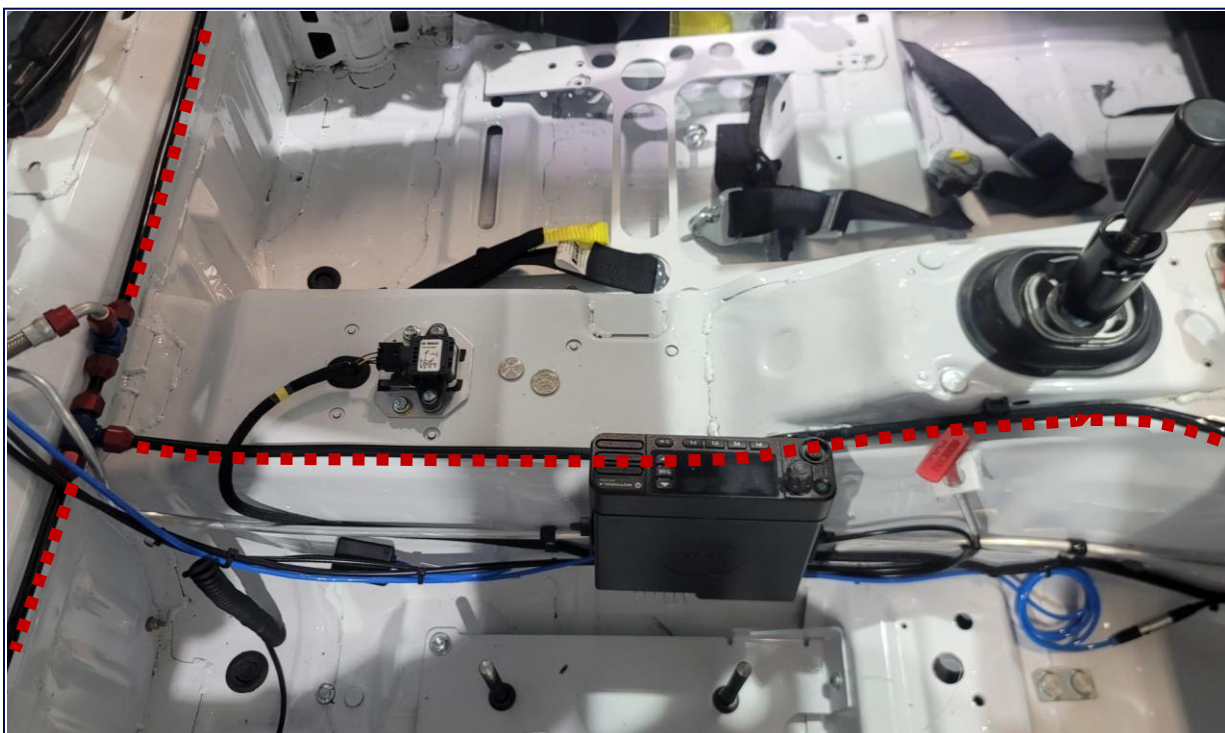
Rear Air Jack  
Passenger Side



# Air Jack System – Optional

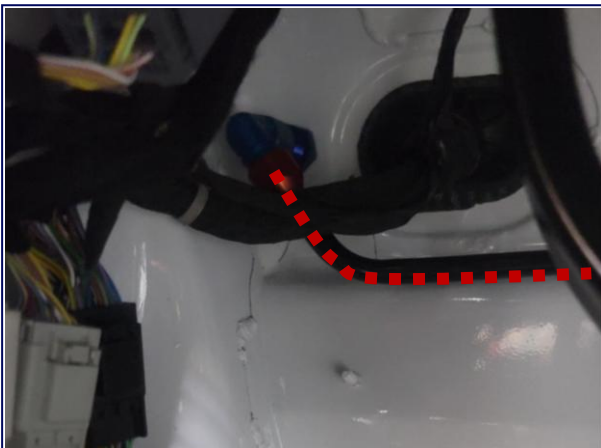


Rear Air Jack / Routing  
Driver Side



Air Line Routing  
Passenger Side of Transmission Tunnel

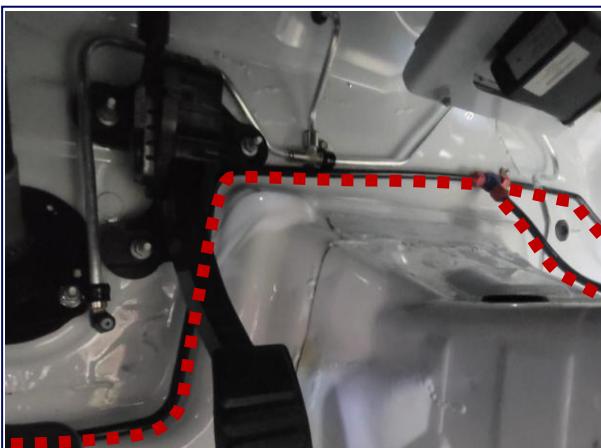
# Air Jack System – Optional



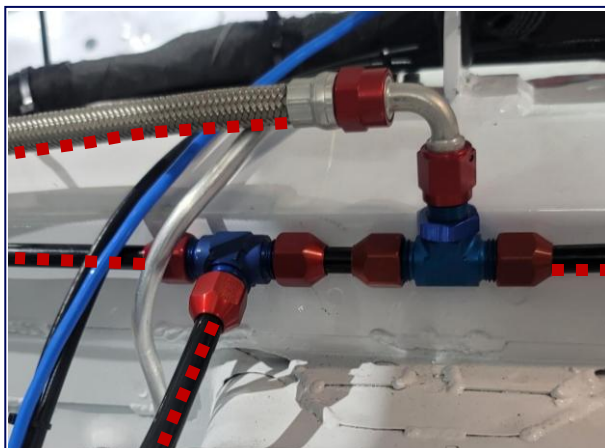
Front Air Jack  
Driver Side



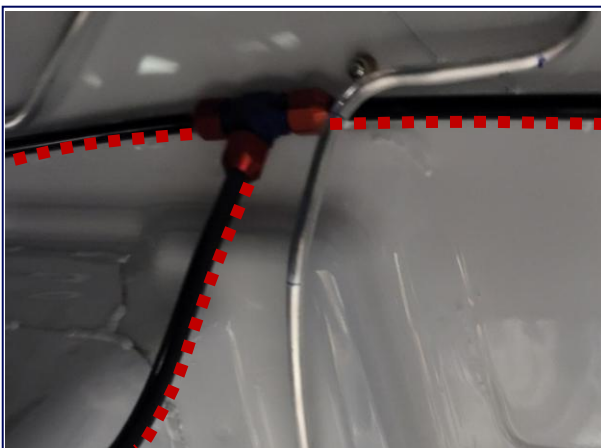
Front Air Jack Line Routing  
Driver Side



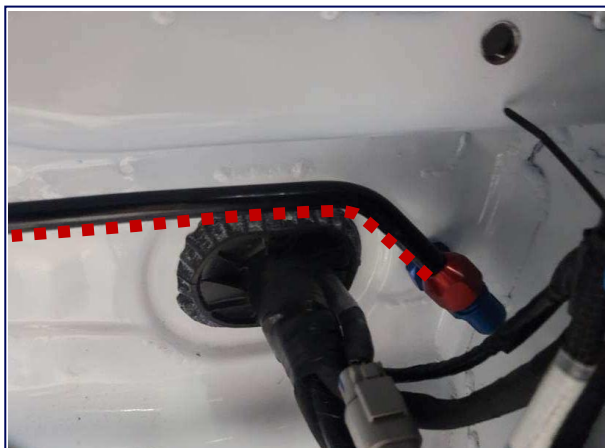
Front Air Jack Line Routing  
Driver Side



Airline Union to Rear Air Jacks / Air Feed  
Line Junction



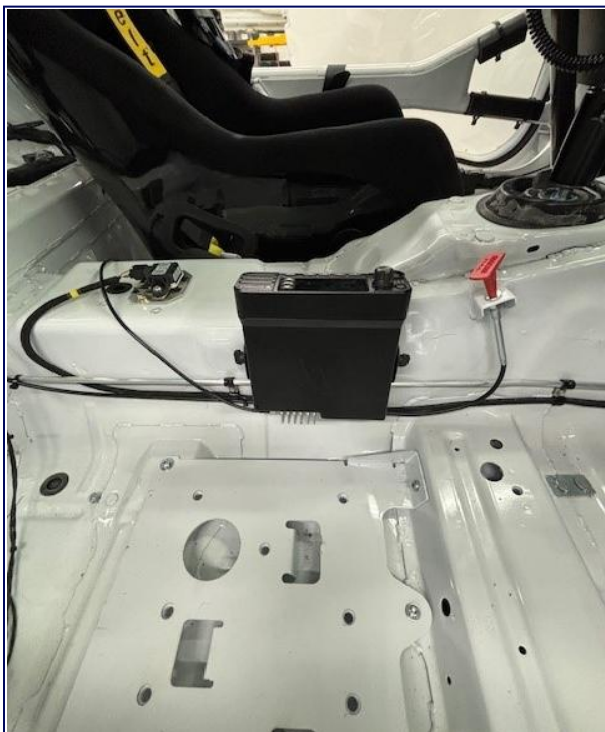
Front Air Jack Union  
Union of Passenger Side and Side of Transmission Tunnel



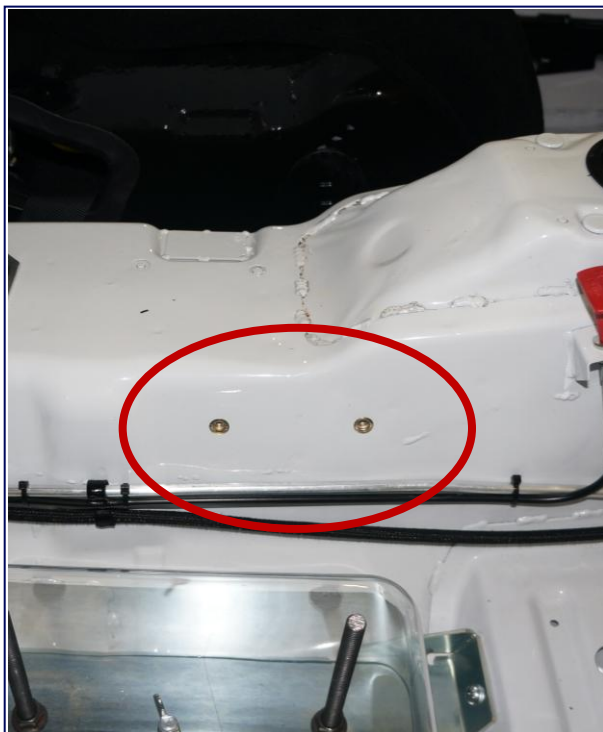
Front Air Jack  
Passenger Side



# Radio



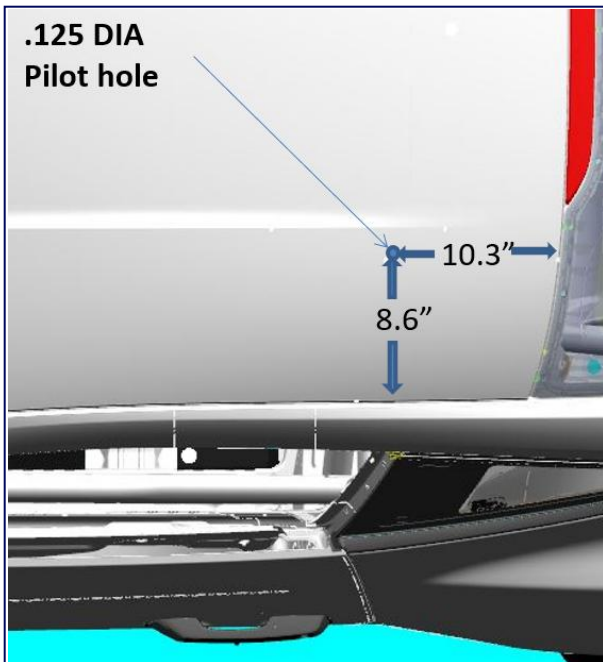
Radio Location  
Right Side of Drive Shaft Tunnel



Radio Mounting Location  
(2) M6 Rivnuts Provided

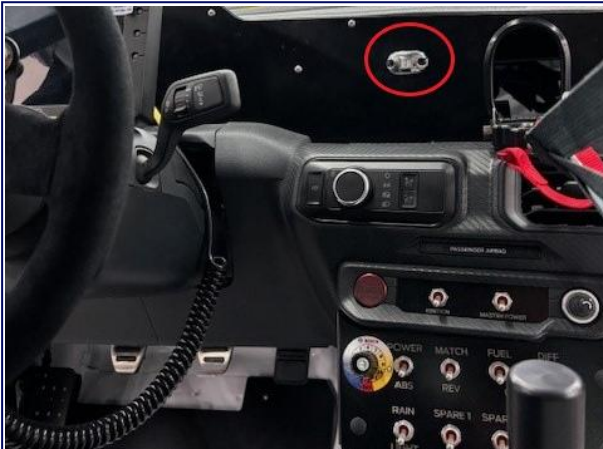


Radio Antenna Location  
Driver's Side Roof Panel

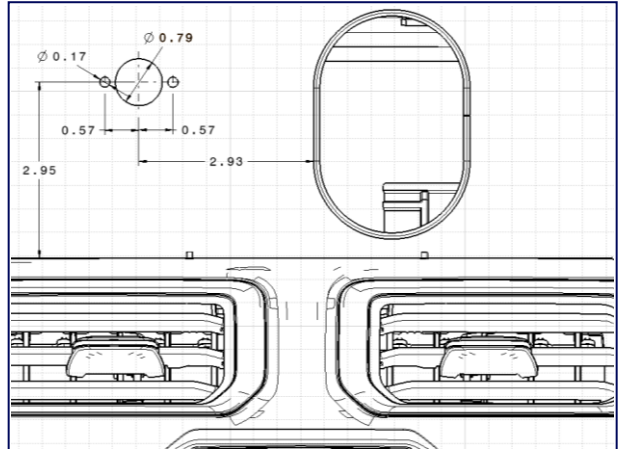


Radio Antenna Location Diagram  
(a 1/8" pilot hole is provided)

# Yellow Flag Warning System – Mustang Challenge



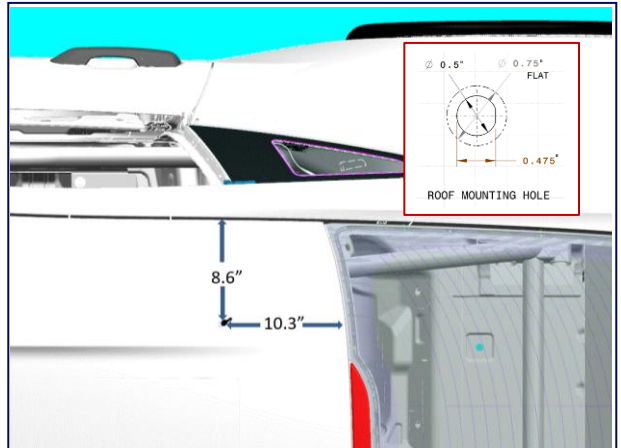
Light Location  
Dash Closeout



Panel Cut Diagram for Light  
(all dimensions are in inches)



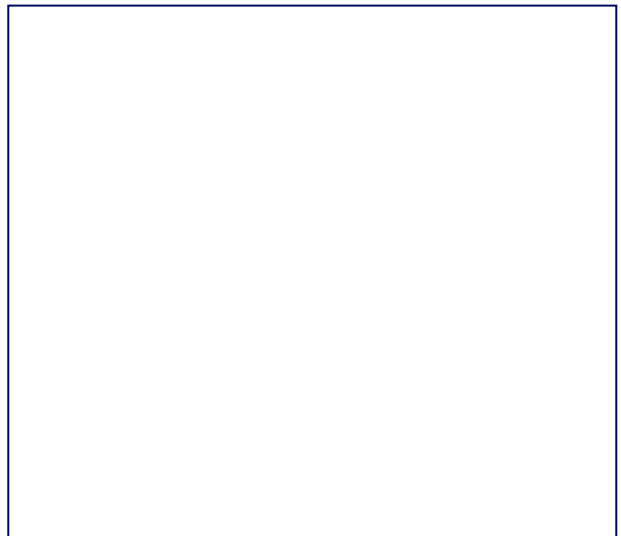
Antenna Location  
Passenger Side Roof



Antenna Location Diagram  
(a 1/8" pilot hole is provided)



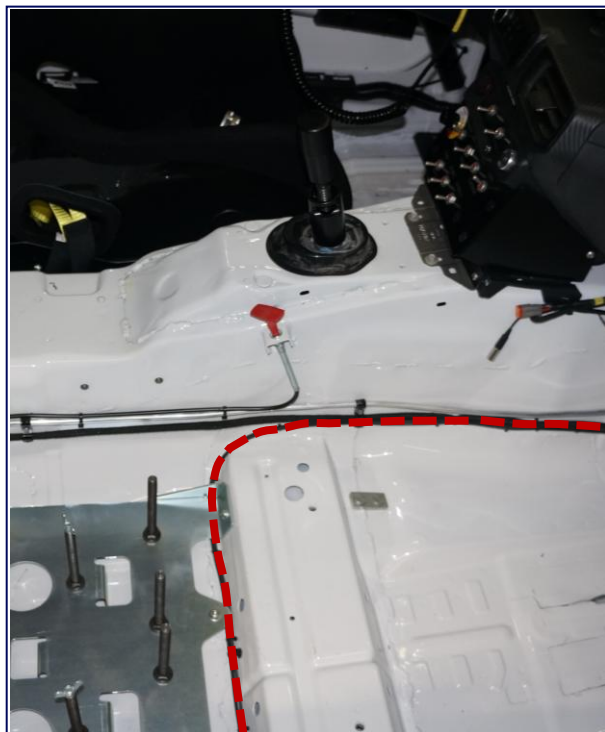
MSE Box Location  
Passenger Side Waterfall



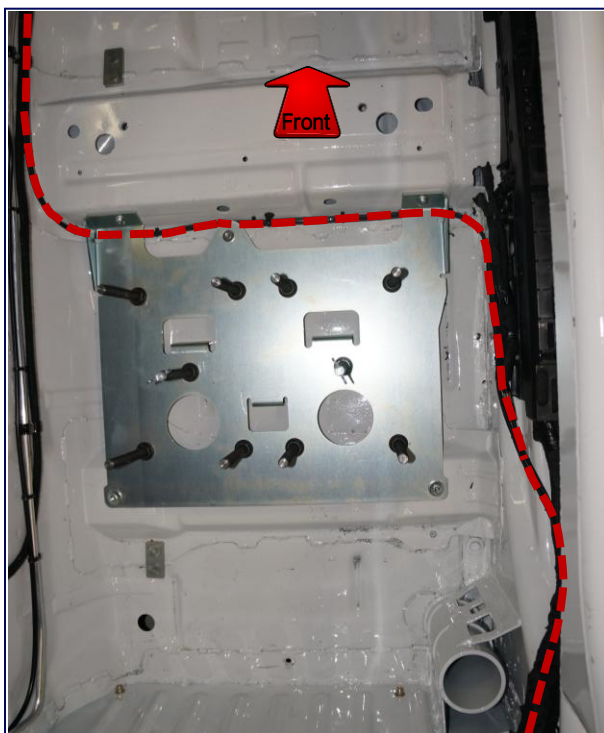
# Safety System – Mustang Cup



Safety System Location  
Passenger Side Roll Cage



Safety System Routing Location  
Passenger Side



Safety System Routing Location  
Passenger Side



Safety System Routing Location  
Passenger Side



# Safety System – Mustang Cup



Yellow Light Mounting Location  
Dash Panel Closeout

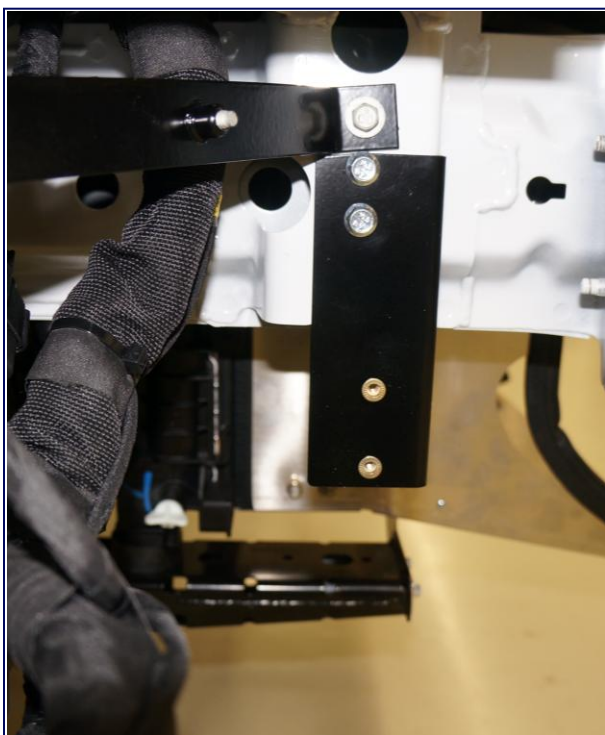
# Transponder



Transponder Location  
Front Passenger Side



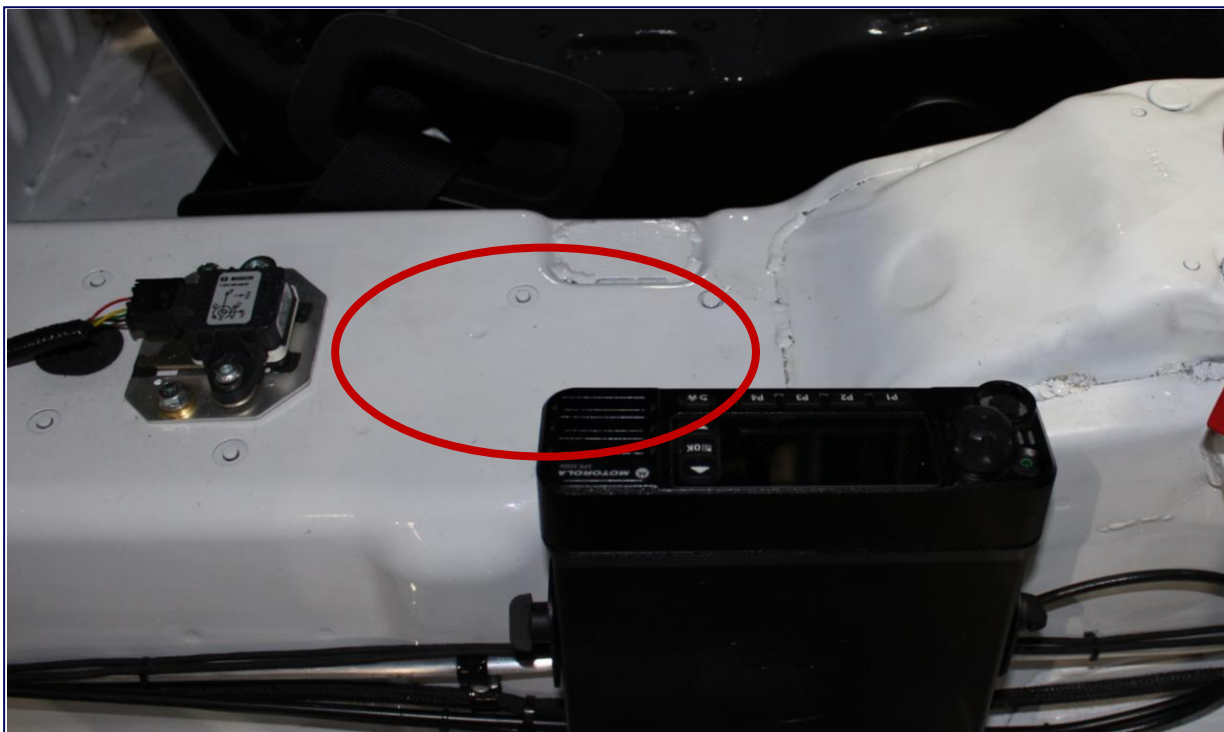
Transponder Location



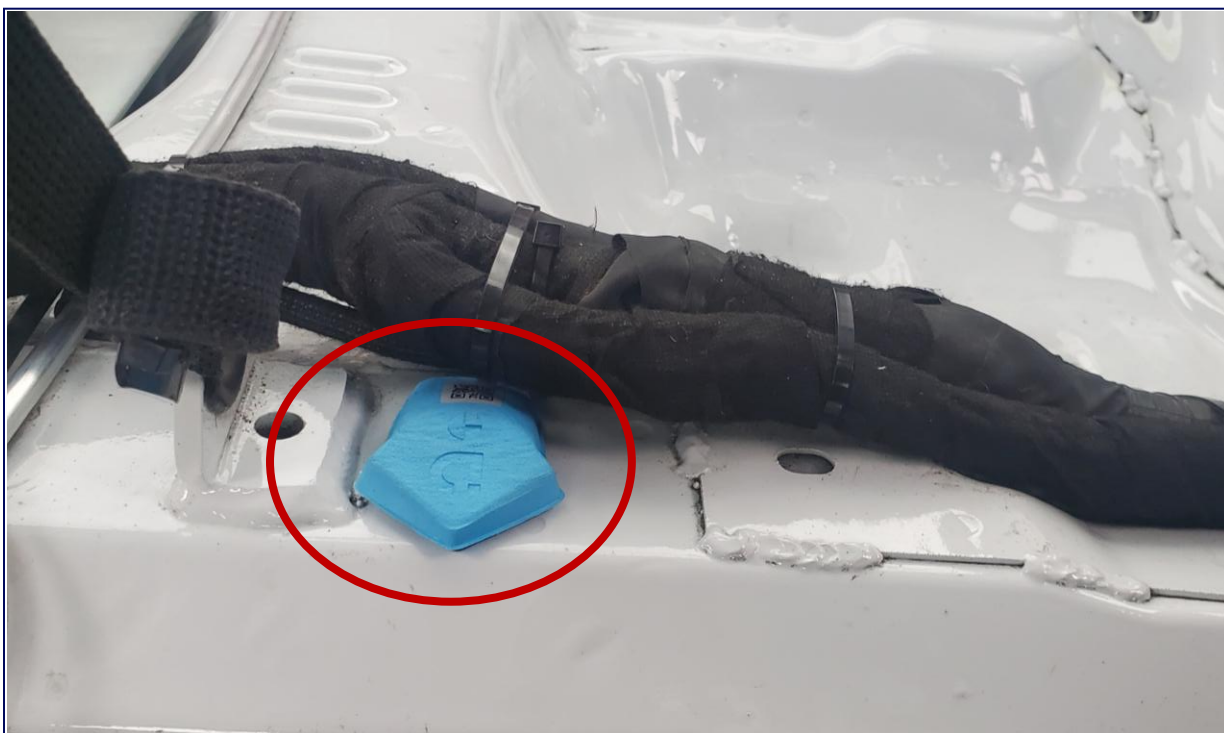
Transponder Bracket Location  
Front Passenger Side



# Incident Data Recorder



Incident Data Recorder Location  
Top of Trans Tunnel



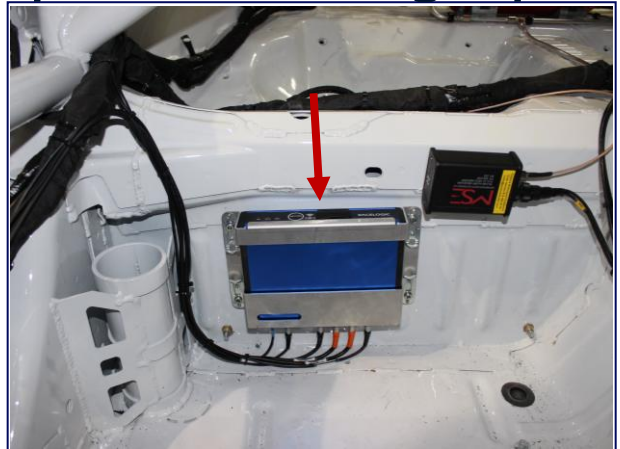
Incident Data Recorder Location  
Rear Seat "Shelf" on Centerline



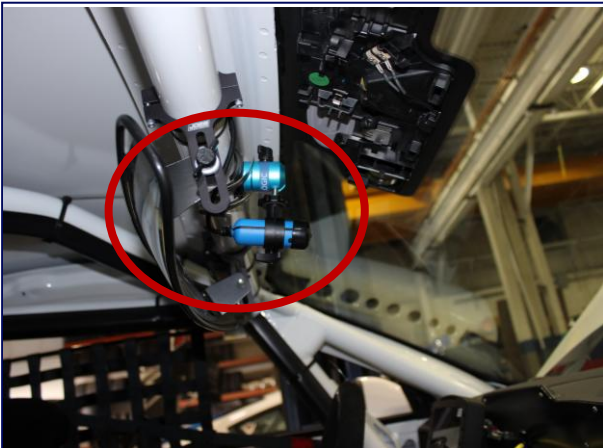
# Camera System – Optional for Mustang Challenge VBOX Required for Mustang Cup



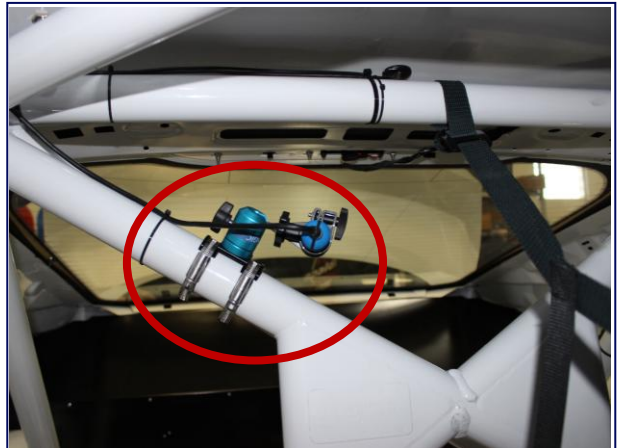
VBOX Mount Location Option 1  
Passenger Side Roll Cage



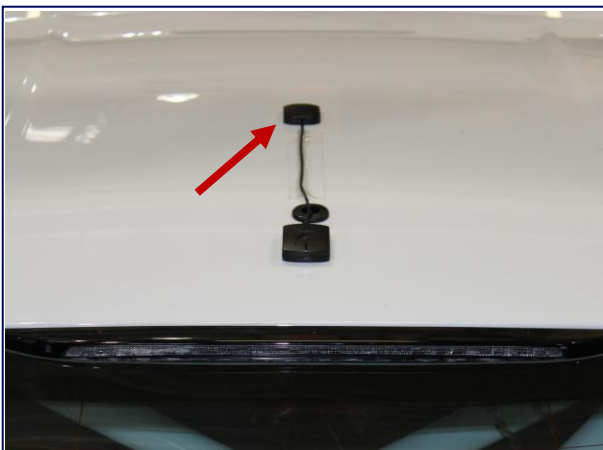
VBOX Mount Location Option 2  
Passenger Side Waterfall



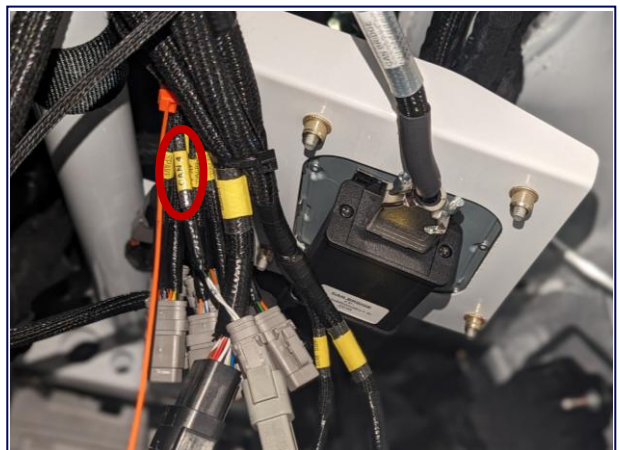
VBOX / GoPro Camera Location 1  
Behind Rear View Mirror



VBOX / GoPro Camera Location 2  
Passenger Side Roll Cage

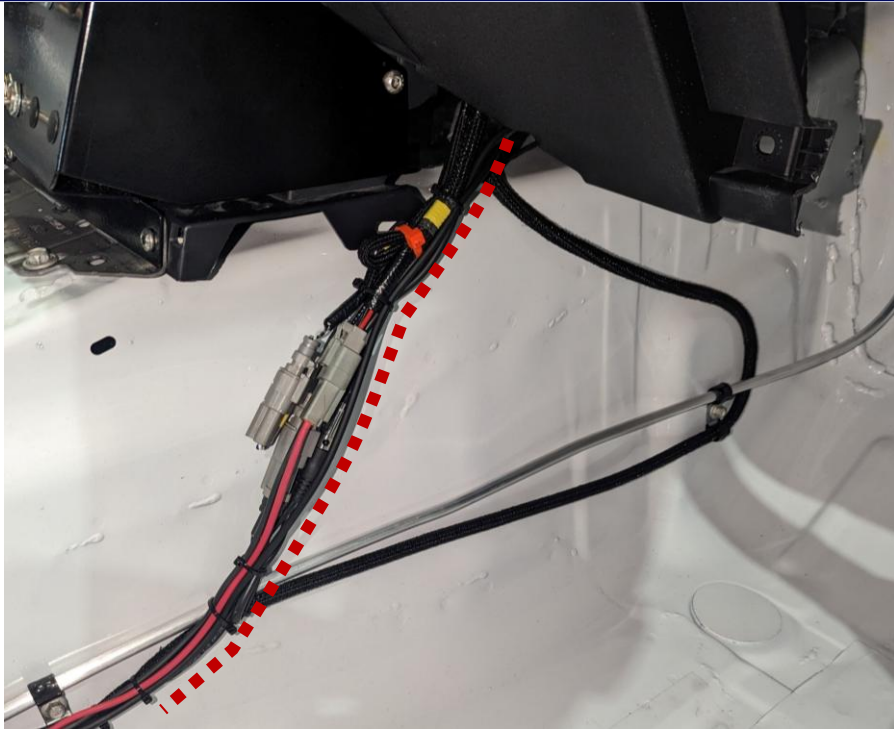


VBOX Antenna Location  
Roof Center

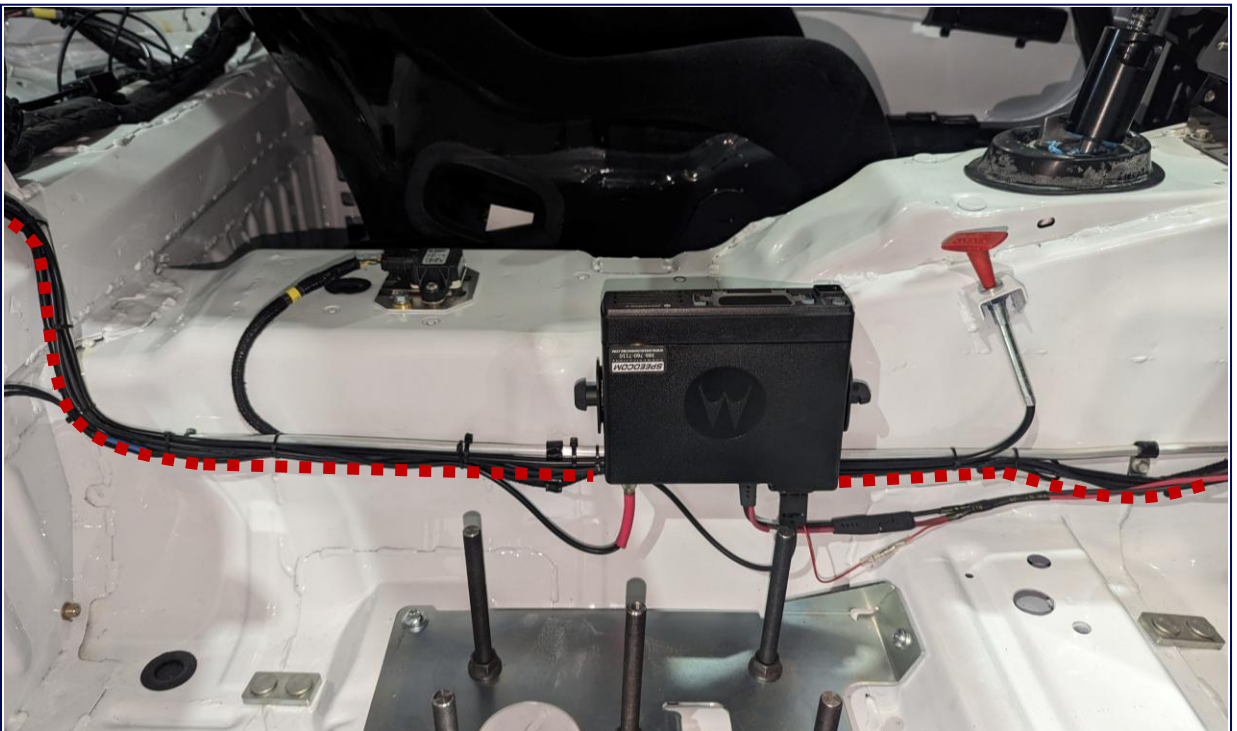


VBOX Wiring Labeled "CAN4"  
Underneath Dash

# Camera System – Optional for Mustang Challenge VBOX Required for Mustang Cup



VBOX Harness Routing (Red Dotted Line)



VBOX Harness Routing (Red Dotted Line)



# Driver Cooling System



Driver Cooling System Location  
Passenger Side Footwell



Alternate Driver Cooling System Mount Location – Passenger Side

\*Customers can use the Ballast Mount plate to mount a Driver Cooling System, or the plate can be removed to use an alternate mounting method – ONLY if Ballast is not required\*

# Driver Cooling System



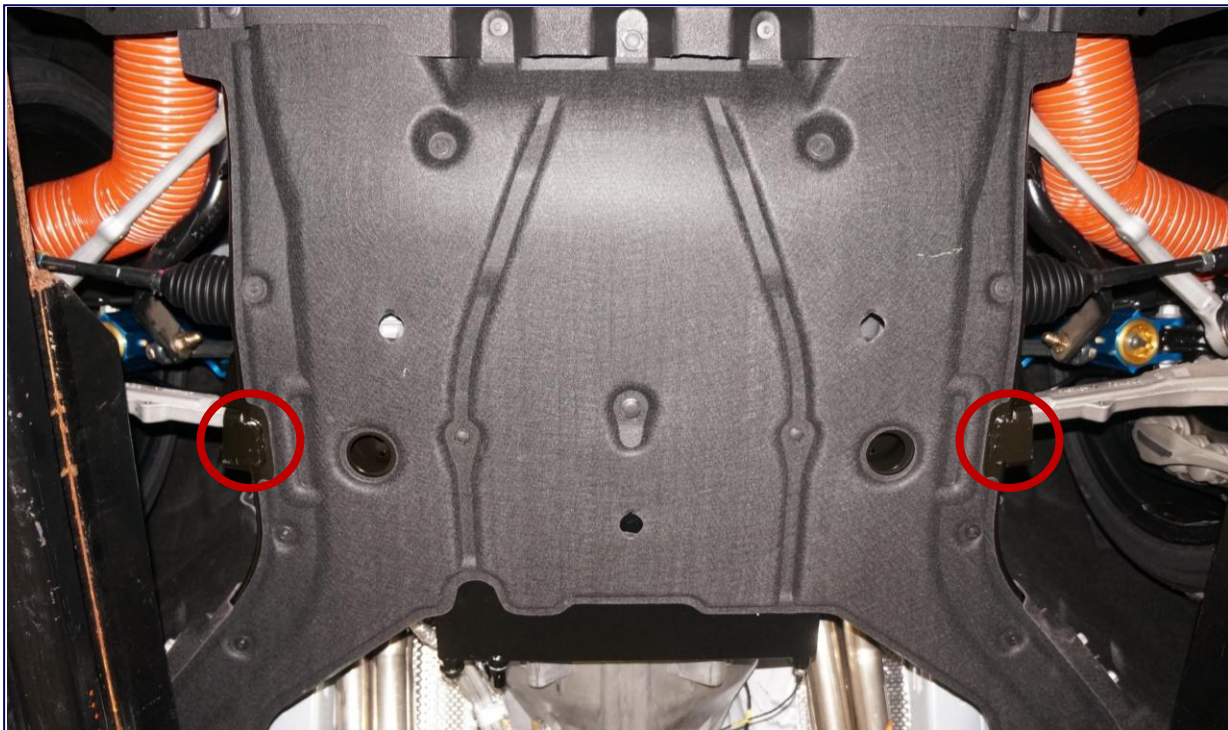
Driver Cooling System Mount\* (Optional)  
13052-09-1158  
Passenger Side Rear Seat  
\*Mount will be zinc-plated



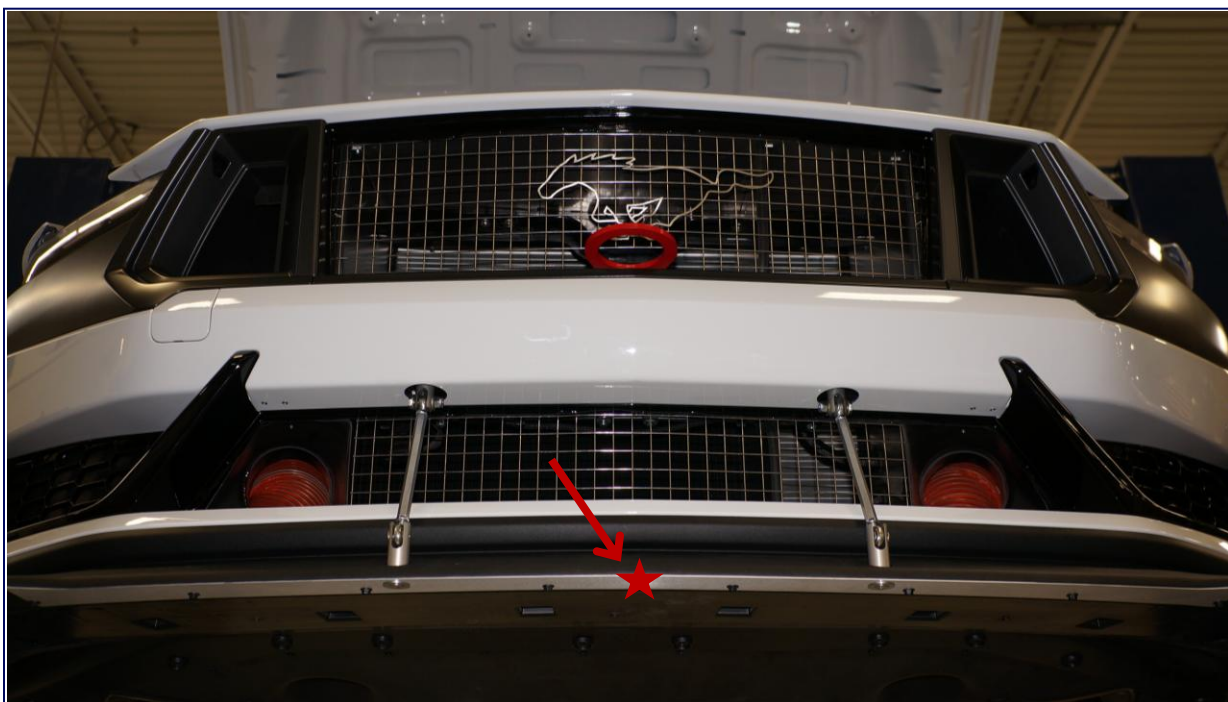
Driver Cooling System Mount\* (Optional)  
13052-09-1158  
Passenger Side Rear Seat  
\*Mount will be zinc-plated



# Ride Height / Splitter Height Reference Points



Front Ride Height Reference Points



Splitter Height Reference Point  
From the center of the aluminum Splitter Support surface (marked in red) to the ground

# Front/Rear Fascia Mount Repair



Front Fascia Mount Repair  
Only repair allowed for damaged front fascia corner mounts



Rear Fascia Mount Repair  
Only repair allowed for damaged rear fascia corner mounts



# Engine Service Pigtails



Fuel Injector (Port)  
5U2Z-14S411-ZB



Variable Camshaft Timing (VCT) Solenoid  
AU2Z-14S411-DB



APP  
9U2Z-14S411-BC



Fuel Rail Pressure (Direct)  
CU2Z-14S411-AVB



Throttle Position (TP)  
AU2Z-14S411-MA



CPP Travel  
CU2Z-14S411-AGB



AAT  
AU2Z-14S411-AGC



PEM  
DU2Z-14S411-CB

# Engine Service Pigtails



HP Fuel Pump  
EU2Z-14S411-MB



Engine Oil Pressure (EOP)  
HU2Z-14S411-BA



CHT  
GU2Z-14S411-KA



Intake Manifold Runner Controller (IMRC) Position  
HU2Z-14S411-BA



Cam Shaft Position  
HU2Z-14S411-BA



Knock Sensor  
JU2Z-14S411-TA



Crankshaft Position  
HU2Z-14S411-BA



Fuel Rail Pressure/Temp (Port)  
JU2Z-14S411-CA

# Engine Service Pigtails



MAF/IAT  
JU2Z-14S411-ACA



Fuel Injector (Direct) Harness BNK 1 – RH  
MU5Z-14A411-LA



MAP  
JU2Z-14S411-ACA



Fuel Injector (Direct) Harness BNK 2 – LH  
MU5Z-14A411-MA



Ignition Coil  
KU2Z-14S411-BA



Cooling Fan Relay Holder  
LU2Z-14S411-GA

# Bill of Materials

| Part Description                                | Part Number         | Qty | Torque Nm | Supplier        |
|-------------------------------------------------|---------------------|-----|-----------|-----------------|
| <b>Body System</b>                              | -                   | -   | -         | -               |
| BIW Mustang Dark Horse R, Caged and Painted     | CFP-607100-DHRCP    | 1   |           | Technosports    |
| <b>Bodywork Interior</b>                        | -                   | -   | -         | -               |
| Rear View Mirror Kit                            | JOES-11284          | 1   |           | HRP             |
| PIA, Mirror                                     | N/A                 | 1   |           | HRP             |
| PIA, Thumb Screw                                | N/A                 | 2   |           | HRP             |
| PIA, Mounts                                     | N/A                 | 2   |           | HRP             |
| PIA, Screw                                      | N/A                 | 4   | 0.5       | HRP             |
| Dead Pedal Kit                                  | WR-DEADPEDAL        | 1   |           | Watson          |
| PIA, Mount Bracket                              | N/A                 | 1   |           | Watson          |
| PIA, Pedal                                      | N/A                 | 1   |           | Watson          |
| Bolt, M6x16                                     | 45-20616            | 5   | 10        | Kimball Midwest |
| Heat Shield (Driver's Floor)                    | DHR-FLOOR-HT-SHLD   | 1   |           | Watson          |
| SS Screw, M6x1                                  | 467335              | 4   | 10        | Kimball Midwest |
| <b>Dash Panel</b>                               | -                   | -   | -         | -               |
| Main Dash Panel Assembly, Modified              | DHR-DASH-MOD        | 1   |           | Watson          |
| PIA, Main Panel Assembly                        | N/A                 | 1   |           | Ford Dealer     |
| Bolt, M6x16 (Dash to RH Bracket)                | 45-20616            | 4   | 10        | Kimball Midwest |
| IP Lower Flange (Steel)                         | PR3Z-63044C52-A     | 1   |           | Ford Dealer     |
| Bolt / Washer, M6x25                            | W505425-S450B       | 4   | 10        | Ford Dealer     |
| Plastic Push Pin, 6.3x2                         | W711687-S300        | 1   |           | Ford Dealer     |
| Light Sensor                                    | DG9Z-13A018-AFC     | 1   |           | Ford Dealer     |
| Center Vents Assembly, Modified                 | WMOD-C044K30-FB319W | 1   |           | Watson          |
| PIA, Center Vents Assembly                      | PR3Z-63044F58-DA    | 1   |           | Ford Dealer     |
| Screw, 5x16                                     | W718327-S450B       | 2   | 2.5       | Ford Dealer     |
| Interior Master Power Panel                     | DHR-MSTR-PWR-PNL    | 1   |           | Watson          |
| O-ring, #116                                    | 51716               | 1   |           | Kimball Midwest |
| PIA, Headlight Switch (PIA Main Panel Assembly) | PR3Z-11654-AA       | 1   |           | Ford Dealer     |
| Dash Vent LH                                    | PR3Z-63045F20-BA    | 1   |           | Ford Dealer     |
| Screw, 4.2x19                                   | W718102-S451        | 1   | 2.2       | Ford Dealer     |
| Dash Vent, RH                                   | PR3Z-6304388-DA     | 1   |           | Ford Dealer     |
| Dark Horse Name Plate (on RH Dash Vent)         | PR3Z-6304338-AH     | 1   |           | Ford Dealer     |
| Cover, Lower Steering Column LH                 | PR3Z-6304459-CB     | 1   |           | Ford Dealer     |
| Cover, Lower Steering Column RH                 | PR3Z-3530-AB        | 1   |           | Ford Dealer     |
| Screw, 5x14                                     | W719753-S451        | 3   | 1.9       | Ford Dealer     |
| Upper Steering Column Shroud, Modified          | PR3Z-6304654-BA     | 1   |           | Ford Dealer     |
| Screw, 4.2x19                                   | W718102-S451        | 5   | 2.2       | Ford Dealer     |
| Grill Assembly, IP / Defroster Opening          | PR3Z-63044E82-AA    | 1   |           | Ford Dealer     |
| Housing Assembly, IP / Controls                 | PR3Z-63047A26-BA    | 1   |           | Ford Dealer     |
| Grill Assembly, IP / Radio                      | PR3Z-18978-EA       | 1   |           | Ford Dealer     |
| Panel Assembly, End RH                          | PR3Z-6304480-AA     | 1   |           | Ford Dealer     |
| Panel Assembly End LH                           | PR3Z-6304481-AA     | 1   |           | Ford Dealer     |
| Dash Panel Closeout                             | DHR-DASHCLOSEOUT    | 1   |           | Watson          |
| Button Head Screw, M4-0.7x10                    | 92095A190           | 6   | 2.9       | McMaster Carr   |
| Button Head Screw, M6-1.0x10                    | 92095A224           | 2   | 10        | McMaster Carr   |
| <b>Bodywork Exterior</b>                        | -                   | -   | -         | -               |
| Hood                                            | PR3Z-16612-B        | 1   |           | Ford Dealer     |
| Fender RH                                       | PR3Z-16005-B        | 1   |           | Ford Dealer     |
| Fender LH                                       | PR3Z-16006-B        | 1   |           | Ford Dealer     |
| Door RH                                         | PR3Z-6320124-A      | 1   |           | Ford Dealer     |
| Door LH                                         | PR3Z-6320125-A      | 1   |           | Ford Dealer     |
| Deck Lid                                        | PR3Z-6340700-B      | 1   |           | Ford Dealer     |



# Bill of Materials (Cont.)

| Part Description                           | Part Number        | Qty | Torque Nm | Supplier        |
|--------------------------------------------|--------------------|-----|-----------|-----------------|
| <b>Bodywork Exterior</b>                   | -                  | -   | -         | -               |
| Hood Strut RH                              | PR3Z-16C826-A      | 1   |           | Ford Dealer     |
| Hood Strut LH                              | PR3Z-16C826-B      | 1   |           | Ford Dealer     |
| Hood Side Seal RH                          | PR3Z-16A238-A      | 1   |           | Ford Dealer     |
| Hood Side Seal LH                          | PR3Z-16A239-A      | 1   |           | Ford Dealer     |
| Front Hood Seal                            | FR3Z-16740-A       | 1   |           | Ford Dealer     |
| Front Side Panel Hood Seal RH              | JR3Z-16B990-A      | 1   |           | Ford Dealer     |
| Front Side Panel Hood Seal LH              | JR3Z-16B991-A      | 1   |           | Ford Dealer     |
| Hood Scoop                                 | PR3Z-16C630-BAPTM  | 1   |           | Ford Dealer     |
| Nut / Washer, M4                           | W701567-S450B      | 4   | 5.4       | Ford Dealer     |
| Hood Pins, Modified                        | DHR-HODDPIN-MOD    | 1   |           | Watson          |
| PIA, Hood Pins                             | ACH-120-4000       | 1   |           | HRP             |
| Rivnut, M4x0.7                             | 85411              | 12  |           | Kimball Midwest |
| Bumper (Hood Stop)                         | 5R3Z-16758-AA      | 2   |           | Ford Dealer     |
| Bracket (Rocker Panel to Fender) RH        | PR3Z-16A076-C      | 1   |           | Ford Dealer     |
| Bracket (Rocker Panel to Fender) LH        | PR3Z-16A076-D      | 1   |           | Ford Dealer     |
| Rear Lower Molding Retain RH               | PR3Z-6329074-B     | 1   |           | Ford Dealer     |
| Plastic Nut, 5.4mm                         | F5RZ-17K657-A      | 3   |           | Ford Dealer     |
| Screw / Washer, 6.3x25                     | W701107-S450B      | 3   | 3.2       | Ford Dealer     |
| Rear Lower Molding Retain LH               | PR3Z-6329075-B     | 1   |           | Ford Dealer     |
| Plastic Nut, 5.4mm                         | F5RZ-17K657-A      | 3   |           | Ford Dealer     |
| Screw / Washer, 6.3x25                     | W701107-S450B      | 3   | 3.2       | Ford Dealer     |
| Core Support                               | PR3Z-8A284-A       | 1   |           | Ford Dealer     |
| Bolt / Washer, M8x25                       | W711806-S450B      | 4   | 20        | Ford Dealer     |
| Bolt / Washer, M8x45                       | W714182-S442       | 4   | 20        | Ford Dealer     |
| U-Nut Clip, M6x0.8-4.0                     | W520822-S439       | 6   |           | Ford Dealer     |
| Wiper Motor Assembly                       | FR3Z-17508-B       | 1   |           | Ford Dealer     |
| Bolt / Washer, M6x35                       | W707532-S442       | 3   | 9         | Ford Dealer     |
| Wiper Arm RH                               | FR3Z-17526-B       | 1   |           | Ford Dealer     |
| Wiper Arm LH                               | FR3Z-17527-B       | 1   |           | Ford Dealer     |
| Nut / Washer, M10                          | W716490-S450B      | 2   | 35        | Ford Dealer     |
| Rubber Cap, 15x13                          | W710461-S300       | 2   |           | Ford Dealer     |
| Hood Air Deflector                         | PR3Z-16A238-C      | 1   |           | Ford Dealer     |
| Plastic Push Rivet, 6x2.5-6                | W705436-S300       | 8   |           | Ford Dealer     |
| Heat Shield (Footwell / Underside) RH      | FR3Z-6310062-A     | 1   |           | Ford Dealer     |
| Heat Shield (Footwell / Underside) LH      | FR3Z-6310063-A     | 1   |           | Ford Dealer     |
| Nut / Washer, M6 (Heat Shield to Body)     | W718611-S900       | 5   | 10        | Ford Dealer     |
| Battery Tray, Modified                     | DHR-BATBOX-MOD     | 1   |           | Watson          |
| PIA, Battery Tray                          | PR3Z-10732-A       | 1   |           | Ford Dealer     |
| Bolt, M6x24 (Battery Tray to Hold Down)    | W713219-S439       | 5   | 10.5      | Ford Dealer     |
| U-Nut Clip, M6x0.8-4.0                     | W520812-S439       | 1   | 10        | Ford Dealer     |
| Battery Tie Down                           | 6F2Z-10756-A       | 1   | 8         | Ford Dealer     |
| Rocker Panel RH                            | PR3Z-6310176-AAPTM | 1   |           | Ford Dealer     |
| Rocker Panel LH                            | PR3Z-6310177-AAPTM | 1   |           | Ford Dealer     |
| PIA, Push Pin (Bottom of Rocker into Body) | W707889-S300       | 16  |           | Ford Dealer     |
| Front Rocker Panel Scuff                   | PR3Z-6313208-AB    | 2   |           | Ford Dealer     |
| C-Bracket (Bottom of K-Frame)              | PR3Z-5025-A        | 1   |           | Ford Dealer     |
| Bolt, M10x30 (Bracket to K-Frame)          | W718025-S439       | 6   | 62.5      | Ford Dealer     |
| Expansion Clip Nut (Blue), 4.2mm           | W716529-S900       | 2   |           | Ford Dealer     |
| Rear Deflector, Modified                   | DHR-AIRDEFLCTR-MOD | 1   |           | Watson          |
| PIA, Rear Deflector                        | KR3Z-6P013-B       | 1   |           | Ford Dealer     |
| Bolt / Washer, M8x25                       | W711806-S450B      | 2   | 30        | Ford Dealer     |
| Screw / Washer, 4.2x20                     | W716345-S450B      | 5   | 1.5       | Ford Dealer     |

# Bill of Materials (Cont.)

| Part Description                                         | Part Number        | Qty | Torque Nm | Supplier               |
|----------------------------------------------------------|--------------------|-----|-----------|------------------------|
| <b>Bodywork Exterior</b>                                 | -                  | -   | -         | -                      |
| Rear Deflector, Modified                                 | DHR-AIRDEFLCTR-MOD | 1   |           | Watson                 |
| Bolt / Washer, M8x25                                     | W711806-S450B      | 2   | 9         | Ford Dealer            |
| Front Fender Splash Shield RH                            | PR3Z-16102-D       | 1   |           | Ford Dealer            |
| Front Fender Splash Shield LH                            | PR3Z-16103-D       | 1   |           | Ford Dealer            |
| Screw / Washer, 4.2x25                                   | W715060-S450B      | 4   | 2.2       | Ford Dealer            |
| Plastic Push Rivet, M8x27                                | W707373-S300       | 4   |           | Ford Dealer            |
| Plastic Push Rivet, 6.5x2-4.5                            | W713610-S300       | 20  |           | Ford Dealer            |
| Plastic Push Rivet, 6.5x4.5-7                            | W714040-S300       | 4   |           | Ford Dealer            |
| Frame Side Member RH                                     | PR3Z-5050-A        | 1   |           | Ford Dealer            |
| Frame Side Member LH                                     | PR3Z-5051-A        | 1   |           | Ford Dealer            |
| Bolt, M10x30                                             | W718025-S439       | 8   | 62.5      | Ford Dealer            |
| Expansion Clip Nut (Blue), 4.2mm                         | W716529-S900       | 2   |           | Ford Dealer            |
| Engine Splash Pan (Underbody)                            | PR3Z-6775-A        | 1   |           | Ford Dealer            |
| Screw / Washer, 4.2x25                                   | W715060-S450B      | 13  | 2.2       | Ford Dealer            |
| Plastic Push Pin, 7.6x20                                 | W709371-S300       | 2   |           | Ford Dealer            |
| Expansion Clip Nut (Blue), 4.2mm                         | W716529-S900       | 11  |           | Ford Dealer            |
| Radiator Air Deflector                                   | PR3Z-8310-H        | 1   |           | Ford Dealer            |
| Screw / Washer, 4.2x25                                   | W715060-S450B      | 22  | 2.2       | Ford Dealer            |
| Expansion Clip Nut (Blue), 4.2mm                         | W716529-S900       | 4   |           | Ford Dealer            |
| Plastic Push Pin                                         | W714975-S300       | 3   |           | Ford Dealer            |
| PIA, Nut Spring                                          | N/A                | 12  |           | Ford Dealer            |
| Fender Emblem Dark Horse                                 | PR3Z-16228-B       | 2   |           | Ford Dealer            |
| Decklid Emblem Dark Horse                                | PR3Z-6342528-J     | 1   |           | Ford Dealer            |
| Front Tow Hook Kit                                       | FP-17654-FDH       | 1   |           | Watson                 |
| PIA, Tow Hook                                            | N/A                | 1   |           | Watson                 |
| Flat Washer, M10                                         | 453510             | 2   |           | Kimball Midwest        |
| Nylock Nut, M10-1.5                                      | 46-5510            | 2   | 35        | Kimball Midwest        |
| Bolt, M10-1.5x160                                        | 91280A670          | 2   |           | McMaster Carr          |
| Aluminum Spacer, 1" x 1"                                 | 92510A826          | 2   |           | McMaster Carr          |
| Rear Tow Hook Kit                                        | FP-17954-RDH       | 1   |           | Watson                 |
| PIA, Tow Hook                                            | N/A                | 1   |           | Watson                 |
| PIA, Side Plate                                          | N/A                | 2   |           | Watson                 |
| Fender Washer, 3/8"x1-3/4"                               | 10594              | 1   |           | Kimball Midwest        |
| Nylock Nut, M10x1.5                                      | 46-5510            | 3   | 35        | Kimball Midwest        |
| Flange Bolt, M10x70                                      | 4521070            | 3   | 35        | Kimball Midwest        |
| Tie Down Kit (Includes Front & Rear Hooks with Hardware) | M-1700-M           | 1   |           | Ford Performance Parts |
| PIA, Front Tie Down                                      | N/A                | 2   |           | Ford Performance Parts |
| PIA, Rear Tie Down                                       | N/A                | 2   |           | Ford Performance Parts |
| PIA, Bolt, M10-1.5x35                                    | N/A                | 8   | 74        | Ford Performance Parts |
| Plug, 19x25                                              | W706010-S300       | 1   |           | Ford Dealer            |
| Plug, 36x0.8-1.5                                         | W711539-S300       | 3   |           | Ford Dealer            |
| Plug, 30x0.6-1.5                                         | W702351-S300       | 2   |           | Ford Dealer            |
| Plug, 25.5x1.8                                           | W703638-S300       | 2   |           | Ford Dealer            |
| Oblong Plug, 16x22.5x0.5                                 | W711215-S300       | 1   |           | Ford Dealer            |
| Cover Plate (Rubber)                                     | F65Z-7K540-AA      | 2   |           | Ford Dealer            |

# Bill of Materials (Cont.)

| Part Description                              | Part Number          | Qty | Torque Nm | Supplier        |
|-----------------------------------------------|----------------------|-----|-----------|-----------------|
| <b>Front Fascia</b>                           | -                    | -   | -         | -               |
| Front Fascia Assembly                         | FP-17000-DHR         | 1   |           | Ford Dealer     |
| PIA, Front Bumper Isolator (Modified)         | PR3Z-17C882-C        | 1   |           | Ford Dealer     |
| Front Bumper Beam                             | PR3Z-17757-A         | 1   |           | Ford Dealer     |
| Panel Grill Opening                           | PR3Z-8190-BA         | 1   |           | Ford Dealer     |
| Front Bumper Cover                            | PR3Z-17D957-CAPTM    | 1   |           | Ford Dealer     |
| Screw, 5x16                                   | W506843-S450B        | 7   |           | Ford Dealer     |
| Seal (Fascia to Hood)                         | PR3Z-16A238-B        | 1   |           | Ford Dealer     |
| Upper Grill, Modified                         | DHR-GRILLUPR-MOD     | 1   |           | Watson          |
| PIA, Upper Grill                              | PR3Z-8200-DAPTM      | 1   |           | Ford Dealer     |
| Upper Grill Mesh Insert                       | DHR-MESHGRL-UPRA     | 1   |           | Technosports    |
| Lower Grill, Modified                         | DHR-GRLLWR-MOD       | 1   |           | Watson          |
| PIA, Lower Grill                              | PR3Z-17K945-EAPTM    | 1   |           | Ford Dealer     |
| Screw / Washer, 4.2x20                        | W716345-S450B        | 4   | 2.2       | Ford Dealer     |
| Lower Grill Mesh Insert                       | DHR-MESHGRL-LWR      | 1   |           | Technosports    |
| Grill Assembly (Lower) RH                     | PR3Z-17B968-DAPTM    | 1   |           | Ford Dealer     |
| Grill Assembly (Lower) LH                     | PR3Z-17E811-DBPTM    | 1   |           | Ford Dealer     |
| Duct, to Trans Cooler (Lower Grill RH)        | PR3Z-8310-J          | 1   |           | Ford Dealer     |
| Duct, to Oil Cooler (Lower Grill) LH          | PR3Z-8311-F          | 1   |           | Ford Dealer     |
| Front Tow Hook Opening Cover                  | PR3Z-17E811-B        | 1   |           | Ford Dealer     |
| Trim (Lower Fascia) RH                        | PR3Z-17E810-AAPTM    | 1   |           | Ford Dealer     |
| Trim (Lower Fascia) LH                        | PR3Z-17E811-AAPTM    | 1   |           | Ford Dealer     |
| Screw / Washer, 4.2x20                        | W716345-S450B        | 2   | 2.2       | Ford Dealer     |
| Front Fascia Mounting Bracket                 | PR3Z-17C897-A        | 1   |           | Ford Dealer     |
| Bolt / Washer, M6x20                          | W705134-S450B        | 6   | 4.8       | Ford Dealer     |
| Front Splitter Assembly                       | PR3Z-17626-AA        | 1   |           | Ford Dealer     |
| Screw / Washer, 4.2x20                        | W716345-S450B        | 2   | 2.2       | Ford Dealer     |
| Splitter Pencil Rod                           | LCR-DH-PENCIL        | 2   |           | Capaldi Racing  |
| Rubber Washer                                 | 93650A350            | 2   |           | McMaster Carr   |
| Splitter Support                              | LCR-DHR-SPLTR        | 1   |           | Capaldi Racing  |
| Splitter Bumper Bracket                       | LCR-DHR-BMPR-BRKT    | 2   |           | Capaldi Racing  |
| Grill Cowl Top Assembly, Modified             | DHR-COWEL-MOD        | 1   |           | Watson          |
| PIA, Grill Assembly Cowl Top Vent (Deleafeer) | PR3Z-63022A68-AA     | 1   |           | Ford Dealer     |
| Plastic Push Rivet, 8.5x7                     | W718365-S300         | 4   |           | Ford Dealer     |
| Nylon Push Pin, 6.8x19.8                      | W706815-S300         | 1   |           | Ford Dealer     |
| Grommet, 9.25x0.8-2.25                        | W709629-S300         | 1   |           | Ford Dealer     |
| Air Intake Duct LH                            | PR3Z-8311-G          | 1   |           | Ford Dealer     |
| Air Intake Duct RH                            | PR3Z-8310-K          | 1   |           | Ford Dealer     |
| Brake Duct Mounting Bracket Kit               | DHR-BRK-DCT-MNT-BRKT | 1   |           | Watson          |
| PIA, Brake Duct Bracket Upper                 | N/A                  | 2   |           | Watson          |
| PIA, Brake Duct Bracket Lower                 | N/A                  | 2   |           | Watson          |
| Rivet, 1/4"                                   | PR42-SSP             | 16  |           | Kimball Midwest |
| Brake Duct Hose Kit                           | LCR-DH-BHKA          | 1   |           | Capaldi Racing  |
| PIA, Hose                                     | N/A                  | 2   |           | Capaldi Racing  |
| PIA, Clamp                                    | N/A                  | 4   |           | Capaldi Racing  |
| Brake Duct Inlet Kit                          | LCR-DH-BDK           | 1   |           | Capaldi Racing  |
| PIA, RH Inlet                                 | N/A                  | 1   |           | Capaldi Racing  |
| PIA, LH Inlet                                 | N/A                  | 1   |           | Capaldi Racing  |
| Radiator Closeout Kit                         | DHR-RADCLOSEOUT      | 1   |           | Watson          |
| PIA, Rad Shroud Closeout LH                   | N/A                  | 1   |           | Watson          |
| PIA, Rad Shroud Closeout RH                   | N/A                  | 1   |           | Watson          |
| PIA, Rad Shroud Closeout Middle               | N/A                  | 1   |           | Watson          |
| PIA, Rad Shroud Cover Top                     | N/A                  | 1   |           | Watson          |

# Bill of Materials (Cont.)

| Part Description                                                | Part Number         | Qty | Torque Nm | Supplier        |
|-----------------------------------------------------------------|---------------------|-----|-----------|-----------------|
| <b>Front Fascia</b>                                             | -                   | -   | -         | -               |
| Radiator Closeout Kit                                           | DHR-RADCLOSEOUT     | 1   |           | Watson          |
| PIA, Fan Shroud Cover Top                                       | N/A                 | 1   |           | Watson          |
| PIA, Rad Shroud Panel Lower                                     | N/A                 | 1   |           | Watson          |
| PIA, Rad Duct Support                                           | N/A                 | 1   |           | Watson          |
| Rivet, 1/4"                                                     | PR42-SSP            | 38  |           | Kimball Midwest |
| Clip-on Gasket, 185"                                            | 12335A42            | 1   |           | McMaster Carr   |
| Nylock Nut, M6-1.0                                              | 46-5506             | 2   | 10        | Kimball Midwest |
| Grommet                                                         | 9307K217            | 2   |           | Kimball Midwest |
| Hex Flange Bolt, M6x25                                          | 45-20625            | 4   | 10        | Kimball Midwest |
| Rivnut, M6-1.0                                                  | 85413               | 8   |           | Kimball Midwest |
| Screw / Washer (Self-Tapping), M6x18                            | W705968-S439        | 8   | 10        | Ford Dealer     |
| <b>Trunk / Rear</b>                                             | -                   | -   | -         | -               |
| Vent, Under Rear Fascia                                         | 3C3Z-54280B62-DA    | 2   |           | Ford Dealer     |
| Trunk Seal (Rubber)                                             | FR3Z-6343720-A      | 1   |           | Ford Dealer     |
| Deck Lid Strut                                                  | PR3Z-63406A10-C     | 2   |           | Ford Dealer     |
| Wing                                                            | PR3Z-6344210-EC     | 1   |           | Ford Dealer     |
| Bolt / Washer, M6x13                                            | W722355-S442        | 2   | 8         | Ford Dealer     |
| Decklid Panel                                                   | PR3Z-6344210-BDPTM  | 1   |           | Ford Dealer     |
| Screw / Washer, 4.2x20                                          | W716345-S450B       | 4   | 2.5       | Ford Dealer     |
| Nut / Washer, M6                                                | W520521-S442        | 5   | 5.4       | Ford Dealer     |
| Bolt / Washer, M6x13                                            | W722355-S442        | 2   | 5.4       | Ford Dealer     |
| Wing Wicker                                                     | DHR-WING-EXTEN      | 1   |           | Watson          |
| Striker (Inside Trunk to Body)                                  | AH6Z-5443252-A      | 1   |           | Ford Dealer     |
| Bolt / Washer, M6x18                                            | W505423-S307        | 2   | 10        | Ford Dealer     |
| Latch (Deck Lid to Striker), Modified                           | WMOD-7643282-BB     | 1   |           | Watson          |
| PIA, Latch (Deck Lid to Striker)                                | FR3Z-7643200-B      | 1   |           | Ford Dealer     |
| Nut / Washer, M6                                                | W520521-S442        | 3   | 10        | Ford Dealer     |
| Trunk Release Cable                                             | MA014RL24CL         | 1   |           | Sparco SPA      |
| P-Clamp, 1/4"                                                   | 26461               | 3   |           | Kimball Midwest |
| Bolt, M6x16                                                     | W505253-S450L       | 3   |           | Ford Dealer     |
| Crimp Joint                                                     | 3883T22             | 1   |           | McMaster Carr   |
| Shrink Tube, 0.5" long                                          | 269821              | 2   |           | Kimball Midwest |
| Luggage Compartment Door Bumper                                 | PR3Z-7840452-A      | 2   |           | Ford Dealer     |
| <b>Rear Closeout</b>                                            | DHR-REARCLOSEOUT-AS | 1   |           | Watson          |
| PIA, Closeout Lower                                             | N/A                 | 1   |           | Watson          |
| PIA, Closeout Upper                                             | N/A                 | 1   |           | Watson          |
| PIA, Grommet Plate                                              | N/A                 | 1   |           | Watson          |
| Grommet, 3/8" ID                                                | 26-814              | 1   |           | Kimball Midwest |
| Grommet, 5/16" ID                                               | 26-810              | 1   |           | Kimball Midwest |
| Grommet, 1" ID                                                  | 9307K74             | 1   |           | McMaster Carr   |
| Rivet, 3/16"                                                    | 48-3620             | 4   |           | Kimball Midwest |
| Rivet, 1/4"                                                     | PR42-SSP            | 26  |           | Kimball Midwest |
| <b>Rear Fascia</b>                                              | -                   | -   | -         | -               |
| Rear Fascia Assembly                                            | FP-17500-DHR        | 1   |           | Ford Dealer     |
| Rear Bumper Beam                                                | FR3Z-17906-A        | 1   |           | Ford Dealer     |
| Rear Bumper Isolator                                            | PR3Z-17E855-C       | 1   |           | Ford Dealer     |
| Rear Fascia Bracket, to Body (Corner Mount Under Tail Light) RH | PR3Z-17C947-C       | 1   |           | Ford Dealer     |
| Rear Fascia Bracket, to Body (Corner Mount Under Tail Light) LH | PR3Z-17E855-A       | 1   |           | Ford Dealer     |
| Rear Fascia                                                     | PR3Z-17K835-AAPTM   | 1   |           | Ford Dealer     |
| Screw / Washer, 4.2x20                                          | W716345-S450B       | 2   | 2.2       | Ford Dealer     |



# Bill of Materials (Cont.)

| Part Description                              | Part Number      | Qty | Torque Nm | Supplier        |
|-----------------------------------------------|------------------|-----|-----------|-----------------|
| <b>Rear Fascia</b>                            | -                | -   | -         | -               |
| Screw / Washer, 4.2x25                        | W715060-S450B    | 8   | 2.2       | Ford Dealer     |
| Plastic Push Rivet, 6.5x4.5-7                 | W714040-S300     | 4   |           | Ford Dealer     |
| Nut Expansion-White                           | W719745-S300     | 2   |           | Ford Dealer     |
| Rear Fascia Bracket, to Body (Center Mount)   | PR3Z-17754-AA    | 1   |           | Ford Dealer     |
| Screw / Washer, 4.8x19                        | W700092-S450     | 4   | 1.9       | Ford Dealer     |
| Nut Expansion-Blue                            | W721035-S439     | 4   |           | Ford Dealer     |
| Screw / Washer, 4.8x19                        | W700092-S450     | 6   | 1.9       | Ford Dealer     |
| Nut Expansion-Blue                            | W721035-S439     | 6   |           | Ford Dealer     |
| Rear Fascia Bracket, to Body (Side Mount) RH  | PR3Z-17D942-C    | 1   |           | Ford Dealer     |
| Rear Fascia Bracket, to Body (Side Mount) LH  | PR3Z-17D943-C    | 1   |           | Ford Dealer     |
| Screw / Washer, 4.8x19                        | W700092-S450     | 10  | 1.9       | Ford Dealer     |
| Nut Expansion-Blue                            | W721035-S439     | 10  |           | Ford Dealer     |
| Rear Fascia Bracket, to Body (Lower Mount) RH | PR3Z-17D942-A    | 1   |           | Ford Dealer     |
| Rear Fascia Bracket, to Body (Lower Mount) LH | PR3Z-17D943-A    | 1   |           | Ford Dealer     |
| Screw / Washer, 4.8x19                        | W700092-S450     | 4   | 1.9       | Ford Dealer     |
| Nut Expansion-Blue                            | W721035-S439     | 4   |           | Ford Dealer     |
| Rear Fascia Side Bracket RH                   | FR3Z-17D942-G    | 1   |           | Ford Dealer     |
| Rear Fascia Side Bracket LH                   | FR3Z-17D943-H    | 1   |           | Ford Dealer     |
| Bolt / Washer, M6x25                          | W711158-S442     | 2   | 10.5      | Ford Dealer     |
| U-Nut Clip, M6x0.8-4.0                        | W520812-S439     | 2   |           | Ford Dealer     |
| Marker Light RH                               | PR3Z-15A101-A    | 1   |           | Ford Dealer     |
| Marker Light LH                               | PR3Z-15A201-E    | 1   |           | Ford Dealer     |
| Rear Lower Valance                            | PR3Z-17F828-EA   | 1   |           | Ford Dealer     |
| Screw / Washer, 4.2x20                        | W716345-S450B    | 6   | 2.2       | Ford Dealer     |
| Plastic Push Rivet, 6.5x4.5-7                 | W714040-S300     | 4   |           | Ford Dealer     |
| Reflector RH                                  | JR3Z-15A448-A    | 1   |           | Ford Dealer     |
| Reflector LH                                  | JR3Z-15A449-A    | 1   |           | Ford Dealer     |
| <b>Door</b>                                   | -                | -   | -         | -               |
| Striker                                       | JX7Z-5822008-B   | 2   |           | Ford Dealer     |
| Striker Pad                                   | JX7Z-58218K02-A  | 2   |           | Ford Dealer     |
| Bolt, M8x27 (Striker to Body)                 | W717729-S437M    | 4   | 20        | Ford Dealer     |
| Front Door Glass Frame & Molding Assembly RH  | PR3Z-63214A62-A  | 1   |           | Ford Dealer     |
| Front Door Glass Frame & Molding Assembly LH  | PR3Z-63214A63-A  | 1   |           | Ford Dealer     |
| Bolt / Washer, M6x14                          | W706069-S442     | 4   | 9         | Ford Dealer     |
| Bolt, M6x17                                   | W703429-S450     | 2   | 9         | Ford Dealer     |
| Latch Assembly RH                             | N/A              | 1   |           | Ford Dealer     |
| Reinforcement                                 | PR3Z-6326684-A   | 1   |           | Ford Dealer     |
| Link                                          | PR3Z-6322152-A   | 1   |           | Ford Dealer     |
| Latch                                         | NB5Z-5821812-A   | 1   |           | Ford Dealer     |
| Shield                                        | PR3Z-3621978-A   | 1   |           | Ford Dealer     |
| Door Latch LH                                 | DHR-DOORLTCHCABL | 1   |           | Watson          |
| Latch Assembly LH                             | N/A              | 1   |           | Ford Dealer     |
| Link                                          | PR3Z-6322152-A   | 1   |           | Ford Dealer     |
| Reinforcement                                 | PR3Z-6326685-A   | 1   |           | Ford Dealer     |
| Latch                                         | NB5Z-5821813-A   | 1   |           | Ford Dealer     |
| Shield                                        | PR3Z-3621979-A   | 1   |           | Ford Dealer     |
| Plug Button, 19x0.7                           | W718717-S300     | 2   |           | Ford Dealer     |
| Bolt, M6x13 (Latch to Door)                   | W715340-S450B    | 6   | 8         | Ford Dealer     |
| P-Clamp, 1/4"                                 | 26-461           | 1   |           | Kimball Midwest |
| Nylock Nut, M6-1.0                            | 46-5506          | 1   | 10        | Kimball Midwest |
| Bolt, M10-1.0                                 | 241958           | 1   | 10        | Kimball Midwest |

# Bill of Materials (Cont.)

| Part Description                                             | Part Number        | Qty  | Torque Nm | Supplier               |
|--------------------------------------------------------------|--------------------|------|-----------|------------------------|
| <b>Door</b>                                                  | -                  | -    | -         | -                      |
| Handle (Door) RH                                             | PR3Z-6322404-AA    | 1    |           | Ford Dealer            |
| Handle (Door) LH                                             | PR3Z-6322405-AA    | 1    |           | Ford Dealer            |
| Mirror Assembly RH                                           | PR3Z-17682-H       | 1    |           | Ford Dealer            |
| Mirror Assembly LH                                           | PR3Z-17683-H       | 1    |           | Ford Dealer            |
| Bolt / Washer, M6x20                                         | W716914-S307       | 4    | 9         | Ford Dealer            |
| Nut / Washer, M6                                             | W710771-S442       | 2    | 9         | Ford Dealer            |
| Mirror Cover RH                                              | FR3Z-17D742-AAPTM  | 1    |           | Ford Dealer            |
| Mirror Cover LH                                              | FR3Z-17D743-AAPTM  | 1    |           | Ford Dealer            |
| Bezel (Door Lock) RH                                         | PR3Z-63218A14-A    | 2    |           | Ford Dealer            |
| Weatherstrip - Front Door Glass at Belt Outside RH           | PR3Z-6321452-A     | 1    |           | Ford Dealer            |
| Weatherstrip - Front Door Glass at Belt Outside LH           | PR3Z-6321453-A     | 1    |           | Ford Dealer            |
| Weatherstrip - Front Door RH                                 | PR3Z-6320530-A     | 1    |           | Ford Dealer            |
| Weatherstrip - Front Door LH                                 | PR3Z-6320531-A     | 1    |           | Ford Dealer            |
| Weatherstrip - Front Body Pillar RH                          | PR3Z-6302564-B     | 1    |           | Ford Dealer            |
| Weatherstrip - Front Body Pillar LH                          | PR3Z-6302564-A     | 1    |           | Ford Dealer            |
| Screw (Torx Head), 4.2x13                                    | W711129-S450B      | 12   | 1         | Ford Dealer            |
| Expansion Nut - Yellow, M4.2                                 | W703027-S300       | 12   |           | Ford Dealer            |
| PIA, Pin                                                     | N/A                | 1    |           | Ford Dealer            |
| Weatherstrip - Front Body Pillar LH                          | PR3Z-6302565-B     | 1    |           | Ford Dealer            |
| Weatherstrip - Front Body Pillar LH                          | PR3Z-6302565-A     | 1    |           | Ford Dealer            |
| Screw (Torx Head), 4.2x13                                    | W711129-S450B      | 12   | 1         | Ford Dealer            |
| Expansion Nut - Yellow, M4.2                                 | W703027-S300       | 12   |           | Ford Dealer            |
| PIA, Pin                                                     | N/A                | 1    |           | Ford Dealer            |
| Door Foam LH (Impaxx 300)                                    | DHR-IMPAXX-LH-FOAM | 1    |           | Watson                 |
| Panel (Covers Foam Inside Door)                              | DHR-INNR-DOOR-PNL  | 1    |           | Watson                 |
| Rivet, 1/8"                                                  | PR3Z-SSP           | 15   |           | Kimball Midwest        |
| <b>Glass</b>                                                 | -                  | -    | -         | -                      |
| Quarter Window RH                                            | PR3Z-6329710-A     | 1    |           | Ford Dealer            |
| Quarter Window LH                                            | PR3Z-6329711-A     | 1    |           | Ford Dealer            |
| Rear Window                                                  | PR3Z-6342006-A     | 1    |           | Ford Dealer            |
| Windshield                                                   | PR3Z-6303100-B     | 1    |           | Ford Dealer            |
| Windo-Weld (Urethane) (Glass Installation)                   | 051135-08609       | 4    |           | R.S. Hughes            |
| Primer                                                       | 051135-08681       | 0.25 |           | R.S. Hughes            |
| <b>Engine</b>                                                | -                  | -    | -         | -                      |
| Sealed Engine                                                | FP-6007-DHR        | 1    |           | Technosports           |
| Service Engine                                               | N/A                | 1    |           | Technosports           |
| Cap, Oil 5W-50                                               | F2GE-6766-EC       | 1    |           | Ford Dealer            |
| Oil Pan Drain Bolt                                           | 64-216             | 1    |           | Kimball Midwest        |
| Bolt, Crankshaft Damper                                      | BR3E-6A340-AA      | 1    |           | Ford Performance Parts |
| Vacuum Hose Cap (on Intake)                                  | 64087              | 1    |           | Kimball Midwest        |
| Oetiker Clamp, 14.5mm                                        | 16700013           | 1    |           | Grainger               |
| Insulator (Engine Mount to K-Member)                         | MR3Z-6038-A        | 2    |           | Ford Dealer            |
| Bolt / Washer, M10x46 (Insulator to K-Member) (Blue Loctite) | W713078-S439       | 4    | 62.5      | Ford Dealer            |
| Nut (Engine to Insulator), M10                               | W712530-S440       | 2    | 62.5      | Ford Dealer            |
| Bracket (Mount to Engine Block) RH                           | BR3Z-6028-C        | 1    |           | Ford Dealer            |
| Bolt, M10x55 (Bracket to Block)                              | W500723-S439       | 3    | 62.5      | Ford Dealer            |
| Bracket (Mount to Engine Block) LH                           | BR3Z-6031-C        | 1    |           | Ford Dealer            |
| Stud, M10x55+M10x20 (Bracket to Block)                       | W714924-S900       | 1    | 62.5      | Ford Dealer            |
| Bolt, M10x55 (Bracket to Block)                              | W500723-S439       | 4    | 62.5      | Ford Dealer            |

# Bill of Materials (Cont.)

| Part Description                                            | Part Number         | Qty | Torque Nm | Supplier        |
|-------------------------------------------------------------|---------------------|-----|-----------|-----------------|
| <b>Engine</b>                                               | -                   | -   | -         | -               |
| Air Box / Zip Tube Assembly LH, Modified                    | WMOD-9C662-BP       | 1   |           | Watson          |
| Modified Air Cleaner                                        | DHR-AIRTUBE-MOD     | 1   |           | Watson          |
| PIA, Air Box / Zip Tube Assembly LH                         | PR3Z-9600-G         | 1   |           | Ford Dealer     |
| Bolt / Washer, M6x40                                        | W505428-S442        | 1   | 8         | Ford Dealer     |
| Vacuum Cap, 5/8"                                            | 660-1696            | 1   |           | NAPA            |
| Oetiker Clamp, 23.5mm                                       | 16700028            | 1   |           | Grainger        |
| Element Assy- Air Filter                                    | PR3Z-9601-A         | -   |           | Ford Dealer     |
| Air Box / Zip Tube Assembly RH, Modified                    | WMOD-9C662-CP       | 1   |           | Watson          |
| Modified Air Cleaner                                        | DHR-AIRTUBE-MOD     | 1   |           | Watson          |
| PIA, Air Box / Zip Tube Assembly RH                         | PR3Z-9600-J         | 1   |           | Ford Dealer     |
| Bolt / Washer, M6x40                                        | W505428-S442        | 1   | 8         | Ford Dealer     |
| Duct - Air Cleaner (Connects to Airbox) RH                  | PR3Z-9C675-B        | 1   |           | Ford Dealer     |
| Duct - Air Cleaner (Connects to Airbox) LH                  | PR3Z-9C675-A        | 1   |           | Ford Dealer     |
| Air Box Bracket, Connects to Fuse Panel Bracket             | PR3Z-9647-A         | 1   |           | Ford Dealer     |
| U-Nut Clip, M6x0.8-4.0                                      | W520802-S439        | 6   |           | Ford Dealer     |
| Bolt / Washer, M6x25                                        | W505425-S442        | 5   | 8         | Ford Dealer     |
| Air Box Bracket                                             | PR3Z-9647-B         | 1   |           | Ford Dealer     |
| U-Nut Clip, M6x0.8-4.0                                      | W520802-S439        | 3   |           | Ford Dealer     |
| Bolt / Washer, M6x20                                        | W505424-S439        | 3   | 8         | Ford Dealer     |
| Fuel Pump Shield                                            | JR3Z-9A397-B        | 1   |           | Ford Dealer     |
| Fuel Injector Insulator                                     | JR3Z-9K540-F        | 1   |           | Ford Dealer     |
| Bolt / Washer, M8x80                                        | W719295-S450        | 1   | 30        | Ford Dealer     |
| Tensioner                                                   | JR3Z-6B209-A        | 1   |           | Ford Dealer     |
| Bolt, M10x70                                                | W709638-S439        | 1   | 47.5      | Ford Dealer     |
| Belt                                                        | PR3Z-8620-C         | 1   |           | Ford Dealer     |
| Oil Cooler (Setrab, M22)                                    | SET50-960-7612      | 1   |           | HRP             |
| Adapter, M22-AN12                                           | SET22-M22AN12-SE    | 2   |           | HRP             |
| Screw / Washer (Self-Tapping), M6x18 (Oil Cooler to Shroud) | W705968-S439        | 8   | 10        | Ford Dealer     |
| Oil Cooler Lines Kit                                        | DHR-OIL-CLR-LINES   | 1   |           | Watson          |
| PIA, Engine Out / Cooler In                                 | S650-DHR-OIL-LINE1A | 1   |           | Watson          |
| PIA, Cooler Out / Engine In                                 | S650-DHR-OIL-LINE2A | 1   |           | Watson          |
| P-Clamp, 1"                                                 | 26-478              | 1   |           | Kimball Midwest |
| Washer, M6                                                  | 453506              | 2   |           | Kimball Midwest |
| Nylock Nut, M6x1.0                                          | 46-5506             | 1   | 10        | Kimball Midwest |
| Button Head Screw, M6-1.0x20                                | 96452A723           | 1   | 10        | McMaster Carr   |
| Oil Fitting Adapters Kit                                    | LCR-OCA-12          | 1   |           | Capaldi Racing  |
| Catch Can, -10 AN                                           | PTR08-0400-FPR      | 1   |           | Watson          |
| Vent Hose, Short RH                                         | PVC-SHORT-HOSE-ASSY | 1   |           | Watson          |
| Vent Hose, Long LH                                          | PVC-LONG-HOSE-ASSY  | 1   |           | Watson          |
| Bracket, Catch Can                                          | PVC-TRNS-VNT-BRKT   | 1   |           | Watson          |
| PCV Vacuum Line Connector                                   | 7T4Z-9E499-B        | 2   |           | Ford Dealer     |
| Vent Fitting 90 Degree                                      | 7T4Z-9E499-B        | 2   |           | Ford Dealer     |
| Fitting (on Oil Pan, Connects to Catch Can Drain back Hose) | 989006              | 1   |           | XRP Inc         |
| Bolt / Washer, M6x20                                        | W505424-S442        | 2   | 6.2       | Ford Dealer     |
| Bolt / Washer, M6x16                                        | W505253-S450L       | 2   | 10        | Ford Dealer     |
| P-Clamp, 1/2"                                               | 26464               | 1   |           | Kimball Midwest |
| Catch Can to Oil Pan Drain Back Hose                        | CAT-CAN-DRN-BCK     | 1   |           | Watson          |
| Filter Assy - Oil Filter                                    | AA5Z-6714-A         | -   |           | Ford Dealer     |

# Bill of Materials (Cont.)

| Part Description                                             | Part Number       | Qty | Torque Nm | Supplier        |
|--------------------------------------------------------------|-------------------|-----|-----------|-----------------|
| <b>Cooling</b>                                               | -                 | -   | -         | -               |
| Tank Assembly (Radiator Supply)                              | PR3Z-8A080-A      | 1   |           | Ford Dealer     |
| Bolt / Washer, M6x20                                         | W721207-S442      | 2   | 8         | Ford Dealer     |
| Stud / Washer, M6x20                                         | W719496-S442      | 1   | 8         | Ford Dealer     |
| U-Nut Clip, M6x0.8-4.0                                       | W520802-S439      | 1   |           | Ford Dealer     |
| Cap (Tank Assembly)                                          | DG9Z-8100-A       | 1   |           | Ford Dealer     |
| Hose Assembly (Rad Over Flow)                                | PR3Z-8075-K       | 1   |           | Ford Dealer     |
| Upper Hose Assembly (Rad to Engine)                          | PR3Z-8260-B       | 1   |           | Ford Dealer     |
| Fan Motor / Shroud                                           | PR3Z-8C607-A      | 1   |           | Ford Dealer     |
| Bolt / Washer, M6x20 (Shroud to Rad)                         | W505424-S442      | 2   | 6.2       | Ford Dealer     |
| Radiator Assembly (2025)                                     | CR-CC-Y1100-002   | 1   |           | PWR             |
| Radiator Assembly (2024)                                     | CR-CC-Y1196-002   | 1   |           | Technosports    |
| Lower Radiator Aluminum Hose                                 | FP-8286-A         | 1   |           | Technosports    |
| Lower Radiator Soft Hose, 5.5" (Inlet to Thermostat Housing) | HRP-SAM-FP-8286-B | 1   |           | Technosports    |
| Lower Radiator Soft Hose, 4.5" (Radiator Side)               | HRP-SAM-FP-8286-C | 1   |           | Technosports    |
| Hose Clamp OD 35-45mm                                        | HRP-SAM-HCB45     | 4   |           | Technosports    |
| Zip Tie Stud Mount                                           | 157-00291         | 1   |           | Technosports    |
| Insulator (Lower Rad Support in K-Frame)                     | XW4Z-8124-AA      | 2   |           | Ford Dealer     |
| Bracket (Upper Rad Support to Core Support)                  | JR3Z-8A193-A      | 2   |           | Ford Dealer     |
| Bolt / Washer, M6x25 (Bracket to Core Support)               | W505425-S450B     | 4   | 10.5      | Ford Dealer     |
| Hose Assembly - Engine Cooler Reservoir                      | PR3Z-8075-J       | 1   |           | Ford Dealer     |
| Heater Bypass Hose                                           | WR-18K580-MODA    | 1   |           | Watson          |
| Fitting (90deg) and Clamp                                    | PR3Z-18472-S      | 1   |           | Ford Dealer     |
| Hose, 3/4" (6')                                              | H152              | 1   |           | NAPA            |
| P-clamp, 1"                                                  | 26-478            | 2   |           | Kimball Midwest |
| Hose - Radiator Supply Tank                                  | PR3Z-8A365-CA     | 1   |           | Ford Dealer     |
| <b>Exhaust System</b>                                        | -                 | -   | -         | -               |
| Rear Hanger RH                                               | JR3Z-5260-A       | 1   |           | Ford Dealer     |
| Rear Hanger LH                                               | JR3Z-5277-A       | 1   |           | Ford Dealer     |
| Bolt / Washer, M8x26 (Hanger to Body)                        | W718205-S439      | 4   | 25        | Ford Dealer     |
| Exhaust Hanger (to Rear Sub-Frame)                           | FR3Z-5A242-E      | 2   |           | Ford Dealer     |
| U-Nut Clip, M8                                               | W709990-S439      | 2   |           | Ford Dealer     |
| Bolt, M8x25                                                  | W712977-S439      | 2   | 30        | Ford Dealer     |
| Exhaust Gasket LH                                            | GR3Z-9448-C       | 1   |           | Ford Dealer     |
| Exhaust Gasket RH                                            | FR3Z-9448-A       | 1   |           | Ford Dealer     |
| Full Exhaust                                                 | FP-5200-DHR       | 1   |           | Borla           |
| PIA, RH Tail Pipe                                            | FP-5200-DHRR      | 1   |           | Borla           |
| PIA, LH Tail Pipe                                            | FP-5200-DHRLT     | 1   |           | Borla           |
| PIA, X-Pipe                                                  | FP-5200-DHRX      | 1   |           | Borla           |
| PIA, RH Collector Pipe                                       | FP-5200-DHRR      | 1   |           | Borla           |
| PIA, LH Collector Pipe                                       | FP-5200-DHRLC     | 1   |           | Borla           |
| PIA, Clamp                                                   | N/A               | 6   |           | Borla           |
| Exhaust Wrap, 2"x5'                                          | THT-11002         | 1   |           | HRP             |
| Headers Kit                                                  | FP-9430-DHR       | 1   |           | Borla           |
| RH Header                                                    | FP-9430-DHRR      | 1   |           | Borla           |
| LH Header                                                    | FP-9430-DHRL      | 1   |           | Borla           |
| Header Bolt, M10x1.25x25                                     | 454633            | 16  | 32        | Kimball Midwest |
| <b>Fuel System</b>                                           | -                 | -   | -         | -               |
| Fuel Supply Tube to Engine                                   | PR3Z-9J280-J      | 1   |           | Ford Dealer     |
| Fuel Door                                                    | PR3Z-63405A26-A   | 1   |           | Ford Dealer     |
| Housing (Fuel Tank Filler)                                   | PR3Z-6327936-A    | 1   |           | Ford Dealer     |
| Fuel Cell Bladder Assembly                                   | LCR-DH-FUELCELL   | 1   |           | Capaldi Racing  |



# Bill of Materials (Cont.)

| Part Description                                   | Part Number           | Qty | Torque Nm | Supplier        |
|----------------------------------------------------|-----------------------|-----|-----------|-----------------|
| <b>Fuel System</b>                                 | -                     | -   | -         | -               |
| Fuel Cell Fill Plate                               | N/A                   | 1   |           | Capaldi Racing  |
| PIA, Bolt                                          | N/A                   | 24  | 3.5       | Capaldi Racing  |
| Fuel Pump                                          | NR3Z-9350-A           | 1   |           | Ford Dealer     |
| Plate (Fuel Pump Block Off)                        | DHR-FUELPMPLKOFF      | 2   |           | Watson          |
| Rivet, 1/8"                                        | PR4Z-SSP              | 8   |           | Kimball Midwest |
| Grommet, 5/8" ID                                   | 26-822                | 2   |           | Kimball Midwest |
| Fuel Cell Spacer and Lid Kit                       | DHR-FUEL-SPACER       | 1   |           | Watson          |
| Bolt, M4-0.7x16                                    | M04CM016KBFA57380FLZB | 24  | 2.2       | Global Fastener |
| PIA, Lid                                           | N/A                   | 1   |           | Watson          |
| PIA, Spacer                                        | N/A                   | 1   |           | Watson          |
| Fuel Vent Hose                                     | DHR-FUELVENTHOSE      | 1   |           | Watson          |
| -6 Hose, 94.5" long                                | AR-06-P               | 1   |           | Watson          |
| Fitting, -6 Straight                               | AC-06-F4              | 1   |           | Watson          |
| P-Clamp, 1/2"                                      | 26464                 | 5   |           | Kimball Midwest |
| Shrink Tube 3/4", 1.5" long                        | 26994                 | 1   |           | Kimball Midwest |
| Bolt, M6-1.0x16                                    | 4520616               | 4   | 10        | Kimball Midwest |
| Grommet, 5/8"                                      | 26-822                | 1   |           | Kimball Midwest |
| Rivnut, M6-1.0                                     | 85413                 | 4   |           | Kimball Midwest |
| Dry Break Bracket                                  | DHR-DRY-BRKT          | 1   |           | Watson          |
| Washer, M5                                         | 454505                | 2   |           | Kimball Midwest |
| Nylock Nut, M5-0.8                                 | 46-5505               | 2   | 4         | Kimball Midwest |
| Screw, M5x12                                       | 463271                | 2   | 4         | Kimball Midwest |
| Fuel Lines and Fittings Kit                        | DHR-FUEL-LINES        | 1   |           | Watson          |
| Factory to Bulkhead                                | S650-DHR-FUEL-LINE1   | 1   |           | Watson          |
| Bulkhead to Quick Release                          | S650-DHR-FUEL-LINE2   | 1   |           | Watson          |
| Quick Release to Cell                              | S650-DHR-FUEL-LINE3   | 1   |           | Watson          |
| Fuel Supply Tube Assembly, Modified                | WMOD-9J280-DC         | 1   |           | Watson          |
| PIA, Fuel Supply Tube Assembly                     | PR3Z-9J280-D          | 1   |           | Ford Dealer     |
| Ball Locking Break Socket (Red)                    | STA-SPT08.3655/L/JKV  | 1   |           | HRP             |
| Ball Locking Break Plug (Red)                      | STA-SPT08.7655/L/JKV  | 1   |           | HRP             |
| Fitting, -6AN Male Bulkhead to -6FM outlet (Black) | GEN-GA3186            | 1   |           | HRP             |
| <b>Chassis System</b>                              | -                     | -   | -         | -               |
| Front Damper Assembly, LH/RH                       | FP-18000F-DHR         | 1   |           | Multimatic      |
| PIA, Strut Keeper Plate Nuts                       | N/A                   |     | 47.5      | N/A             |
| PIA, Camper Plate Slider Bolts                     | N/A                   |     | 20        | N/A             |
| PIA, Camper Plate Lock Bolts                       | N/A                   |     | 8         | N/A             |
| PIA, Damper to Upright                             | N/A                   |     | 250       | N/A             |
| PIA, Damper Top Nut                                | N/A                   |     | 103       | N/A             |
| PIA, Droplink Bolts                                | N/A                   |     | 52        | N/A             |
| Rear Damper Assembly LH/RH                         | FP-18000R-DHR         | 1   |           | Multimatic      |
| PIA, Damper Canister Mounting Clips                | 086-007               | 4   |           | Multimatic      |
| PIA, Damper to Upper Bracket                       | N/A                   |     | 15        | N/A             |
| PIA, Upper Bracket to Chassis                      | N/A                   |     | 103       | N/A             |
| PIA, Damper to Lower Bracket                       | N/A                   |     | 15        | N/A             |
| PIA, Lower Bracket to LCA                          | N/A                   |     | 62.5      | N/A             |
| Camber Plate, LH                                   | FR-18183L-DHR         | 1   |           | Multimatic      |
| Camber Plate, RH                                   | FR-18183R-DHR         | 1   |           | Multimatic      |
| Camber Plate Side Bolt                             | N/A                   |     | 20        | N/A             |
| Damper Top Nut                                     | N/A                   |     | 103       | N/A             |
| Camber Plate Lock Bolt                             | N/A                   |     | 1.2       | N/A             |
| Camber Plate Nut                                   | N/A                   |     | 47.5      | N/A             |
| Rivet, 3/16"                                       | POPSSD62SSBS          | 8   |           | Reid            |

# Bill of Materials (Cont.)

| Part Description                                     | Part Number         | Qty | Torque Nm | Supplier               |
|------------------------------------------------------|---------------------|-----|-----------|------------------------|
| <b>Frame &amp; Mounting System</b>                   | -                   | -   | -         | -                      |
| K Member, Modified                                   | WMOD-5C145-A        | 1   |           | Watson                 |
| PIA, K Member                                        | PR3Z-5C145-A        | 1   |           | Ford Dealer            |
| Bolt / Retainer, M12x121 (K Member, Back)            | W711810-S439        | 4   | 115       | Ford Dealer            |
| Bolt / Retainer, M12x144 (K Member, Front)           | W711805-S439        | 4   | 115       | Ford Dealer            |
| Plastic Push Pin, 10x28.3 (K Member)                 | W706358-S300        | 8   |           | Ford Dealer            |
| Bolt / Washer, M12x59 (K Member)                     | W717325-S439        | 4   | 115       | Ford Dealer            |
| Nut, K Member, M12                                   | W707246-S440        | 8   | 115       | Ford Dealer            |
| Expansion Clip Nut (Blue), 4.2mm                     | W716529-S900        | 15  |           | Ford Dealer            |
| U-Nut Clip, M6x0.8-4.0                               | W520812-S439        | 2   |           | Ford Dealer            |
| Rear Subframe, Modified                              | DHR-SUBFRAME-MOD    | 1   |           | Watson                 |
| Bushing Kit (Diff)                                   | DHR-4425-M          | 1   |           | Watson                 |
| Bushing Kit (Body)                                   | DHR-5872-M          | 1   |           | Watson                 |
| Bracket (Body to Subframe) LH                        | FR3Z-5077-A         | 1   |           | Ford Dealer            |
| Bracket (Body to Subframe) RH                        | FR3Z-5084-A         | 1   |           | Ford Dealer            |
| Bolt, M10x35 (Bracket to Body)                       | W506435-S439        | 4   | 55        | Ford Dealer            |
| Bolt / Washer, M14x120 (Subframe to Body)            | W717827-S900        | 4   | 175       | Ford Dealer            |
| Bolt, M12x35                                         | W718383-S439        | 4   | 103       | Ford Dealer            |
| <b>Bearing Kit for Front &amp; Rear Control Arms</b> | SBK-60-1000         | 1   |           | Cortex                 |
| PIA, Front Bearing RH / LH                           | N/A                 | 2   |           | Cortex                 |
| PIA, Front Bearing Spacers                           | N/A                 | 4   |           | Cortex                 |
| PIA, Front Bearing Inserts                           | N/A                 | 2   |           | Cortex                 |
| PIA, Front Bearing Clip, Insert                      | N/A                 | 2   |           | Cortex                 |
| PIA, Rear Bearing RH / LH                            | N/A                 | 2   |           | Cortex                 |
| PIA, Rear Bearing Spacers                            | N/A                 | 4   |           | Cortex                 |
| PIA, Rear Bearing Inserts                            | N/A                 | 2   |           | Cortex                 |
| PIA, Rear Bearing Clip, Insert                       | N/A                 | 2   |           | Cortex                 |
| <b>Front Suspension</b>                              | -                   | -   | -         | -                      |
| Front Knuckle Assembly RH (S550)                     | NR3Z-3K185-A        | 1   |           | Ford Dealer            |
| Front Knuckle Assembly LH (S550)                     | NR3Z-3K186-A        | 1   |           | Ford Dealer            |
| Front Knuckle Backing Plate                          | DHR-FT-BEAR-CV      | 2   |           | Watson                 |
| Front Hub / Bearing Assembly                         | PR3Z-1109-D         | 2   |           | Ford Dealer            |
| Bolt, M14x62.5                                       | W721525-S439        | 8   | 150       | Ford Dealer            |
| Bolt, M16x72                                         | W715932-S439        | 4   | 250       | Ford Dealer            |
| Nut, M16                                             | W520517-S450        | 4   | 250       | Ford Dealer            |
| Front Wheel Stud, M14x85                             | 10-0119             | 10  |           | Ford Performance Parts |
| Nut, M14                                             | 40-0001-B           | 10  | 122       | Ford Performance Parts |
| Front Lower Arm Assembly - RH                        | DHR-FCNTRLBRNG-MODR | 1   |           | Watson                 |
| PIA, Front Lower Arm - RH                            | PR3Z-3082-B         | 1   |           | Ford Dealer            |
| Bolt, M16x92 (Green Loctite)                         | W711479-S439        | 1   | 250       | Ford Dealer            |
| Nut, M14                                             | W520215-S440        | 1   | 175       | Ford Dealer            |
| Front Lower Arm Assembly - LH                        | DHR-FCNTRLBRNG-MODL | 1   |           | Watson                 |
| PIA, Front Lower Arm - LH                            | PR3Z-3083-B         | 1   |           | Ford Dealer            |
| Bolt, M16x92 (Green Loctite)                         | W711479-S439        | 1   | 250       | Ford Dealer            |
| Nut, M14                                             | W520215-S440        | 1   | 175       | Ford Dealer            |
| Front Lower Lateral Arm RH                           | PR3Z-3078-B         | 1   |           | Ford Dealer            |
| Bolt, M16x117                                        | W710755-S439        | 1   | 250       | Ford Dealer            |
| Nut, M14                                             | W520215-S440        | 1   | 175       | Ford Dealer            |
| Bolt / Washer, M12x40 (for ARB)                      | W717732-S439        | 2   | 110       | Ford Dealer            |
| Front Lower Lateral Arm LH                           | PR3Z-3079-B         | 1   |           | Ford Dealer            |
| Bolt, M16x117                                        | W710755-S439        | 1   | 250       | Ford Dealer            |

# Bill of Materials (Cont.)

| Part Description                                  | Part Number         | Qty | Torque Nm | Supplier               |
|---------------------------------------------------|---------------------|-----|-----------|------------------------|
| <b>Front Suspension</b>                           | -                   | -   | -         | -                      |
| Front Lower Lateral Arm LH                        | PR3Z-3079-B         | 1   |           | Ford Dealer            |
| Nut, M14                                          | W520215-S440        | 1   | 175       | Ford Dealer            |
| Bolt / Washer, M12x40 (for ARB)                   | W717732-S439        | 2   | 110       | Ford Dealer            |
| Front Adjustable Link (Front Anti Roll Bar)       | DHR-FRTSWYBRLINK-AS | 1   |           | Watson                 |
| Nylock Nut, 7/16-20                               | 34-8507             | 2   | 81        | Kimball Midwest        |
| Nylock Nut, 1/2-20                                | 34-8508             | 2   | 108       | Kimball Midwest        |
| Washer, 1/2"                                      | 373908              | 2   |           | Kimball Midwest        |
| Cap Screw, 7/16-20x2                              | 390716              | 2   | 81        | Kimball Midwest        |
| Cap Screw, 1/2-20x2.5                             | 390820              | 2   | 108       | Kimball Midwest        |
| Front Anti Roll Bar                               | FR3Z-5482-J         | 1   |           | Ford Dealer            |
| Bushing for Front Anti Roll Bar                   | FR3Z-5484-C         | 2   |           | Ford Dealer            |
| Clamp (Anti Roll Bar to K-Frame)                  | FR3Z-5486-A         | 2   |           | Ford Dealer            |
| Bolt / Washer, M12x40 (Clamp To K-Frame)          | W717732-S439        | 4   | 110       | Ford Dealer            |
| Front Spring (As Delivered to Customer)           | HYP187B0700         | 2   |           | HRP                    |
| Front Spring Bearing Kit, Front (2.5")            | GEN-GC1015          | 2   |           | HRP                    |
| Bolt, M16x72 (Damper to Knuckle)                  | W715932-S439        | 4   | 250       | Ford Dealer            |
| Nut, Damper to Knuckle                            | W520517-S450        | 4   | 250       | Ford Dealer            |
| Front ABS Wire Bracket Assembly                   | DHR-FRT-ABS-WRBRKT  | 2   |           | Watson                 |
| PIA, Front ABS Wire Bracket                       | N/A                 | 1   |           | Watson                 |
| Screw, M6x20                                      | W505424-S442        | 4   | 6.2       | Ford Dealer            |
| X-Tree Tie Mount                                  | T-50RTM             | 2   |           | Kimball Midwest        |
| <b>Rear Suspension</b>                            | -                   | -   | -         | -                      |
| Rear Lower Control Arm RH                         | DHR-RCNTRLBRNG-MODR | 1   |           | Watson                 |
| PIA, Rear Lower Control Arm RH                    | PR3Z-5500-D         | 1   |           | Ford Dealer            |
| Bolt, M16x97                                      | W716992-S439        | 1   | 225       | Ford Dealer            |
| Bolt, M16x114                                     | W717065-S439        | 1   | 250       | Ford Dealer            |
| Rear Lower Control Arm LH                         | DHR-RCNTRLBRNG-MODL | 1   |           | Watson                 |
| PIA, Rear Lower Control Arm LH                    | PR3Z-5500-E         | 1   |           | Ford Dealer            |
| Bolt, M16x97                                      | W716992-S439        | 1   | 225       | Ford Dealer            |
| Bolt, M16x114                                     | W717065-S439        | 1   | 250       | Ford Dealer            |
| Rear Upper Camber Arm, RH                         | 200171-12-1016      | 1   |           | Multimatic             |
| Bolt / Washer, M12x104                            | W716795-S439        | 1   | 115       | Ford Dealer            |
| Nut, M12x1.75 (to Subframe)                       | W520214-S440        | 1   | 115       | Ford Dealer            |
| Bolt, M12x75                                      | HM14AU70-5C         | 1   | 132       | ARP                    |
| Nut, M12                                          | AUN12-3             | 1   | 132       | ARP                    |
| Rear Upper Camber Arm, LH                         | 200171-12-1017      | 1   |           | Multimatic             |
| Bolt / Washer, M12x104                            | W716795-S439        | 1   | 115       | Ford Dealer            |
| Nut, M12x1.75 (to Subframe)                       | W520214-S440        | 1   | 115       | Ford Dealer            |
| Bolt, M12x75                                      | HM14AU70-5C         | 1   | 132       | ARP                    |
| Nut, M12                                          | AUN12-3             | 1   | 132       | ARP                    |
| Rear Vertical Link (Knuckle to Lower Control Arm) | PR3Z-5A972-A        | 2   |           | Ford Dealer            |
| Bolt, M14x82                                      | W716342-S439        | 2   | 175       | Ford Dealer            |
| Bolt / Washer, M12x104 (to Knuckle)               | W716795-S439        | 2   | 103       | Ford Dealer            |
| Bolt / Washer, M12x104 (to Knuckle)               | W715682-S900        | 2   | 103       | Ford Dealer            |
| Rear Knuckle / Bearing Assembly RH, Modified      | CM-5B758-S650       | 1   |           | Watson                 |
| PIA, Rear Knuckle Assembly RH                     | PR3Z-5B758-B        | 1   |           | Ford Dealer            |
| Bolt, M16x112 (to Lower Control Arm)              | W717821-S439        | 1   | 275       | Ford Dealer            |
| Bearing (Toe Link Kit with 2 bearings)            | M-5A460-M           | 1   |           | Ford Performance Parts |
| Rear Knuckle / Bearing Assembly LH, Modified      | CM-5B759-S650       | 1   |           | Watson                 |
| PIA, Rear Knuckle Assembly LH                     | PR3Z-5B759-B        | 1   |           | Ford Dealer            |
| Bolt, M16x112 (to Lower Control Arm)              | W717821-S439        | 1   | 275       | Ford Dealer            |

# Bill of Materials (Cont.)

| Part Description                                          | Part Number                 | Qty | Torque Nm | Supplier               |
|-----------------------------------------------------------|-----------------------------|-----|-----------|------------------------|
| <b>Rear Suspension</b>                                    | -                           | -   | -         | -                      |
| Rear Hub / Bearing Assembly                               | FR3Z-1104-G                 | 2   |           | Ford Dealer            |
| Bolt, M12x58 (to Knuckle)                                 | W718188-S439                | 8   | 115       | Ford Dealer            |
| Rear Wheel Stud & Nut Kit                                 | M-1107-E                    | 1   |           | Ford Performance Parts |
| Stud, M14x54                                              | 10-0042                     | 10  |           | Kimball Midwest        |
| Nut, M14                                                  | 40-0001-B                   | 10  | 122       | Kimball Midwest        |
| Rear Upper Shock Mount                                    | DHR-RUPRSHKMOUNT            | 2   |           | Watson                 |
| PIA, Bushing                                              | N/A                         | 4   |           | Watson                 |
| Bolt, M12x35 (Mount to Body)                              | W718383-S439                | 4   | 103       | Ford Dealer            |
| Washer                                                    | 37-3907                     | 4   |           | Kimball Midwest        |
| Rear Lower Shock Mount, Top                               | LCR-LSBRKT-DH               | 2   |           | Capaldi Racing         |
| Washer                                                    | 37-3907                     | 4   |           | Kimball Midwest        |
| Rear Lower Shock Mount, Bottom                            | DHR-RLOWERSHKMNT            | 2   |           | Watson                 |
| Bolt, 3/8-24x2-1/2"                                       | 39-0620                     | 2   | 61        | Kimball Midwest        |
| Lock Nut, 3/8-24                                          | 348506                      | 2   | 61        | Kimball Midwest        |
| Lock Nut, 7/16-20                                         | 348507                      | 2   | 81        | Kimball Midwest        |
| Flat Washer, 3/8 SAE Grade 8                              | 373906                      | 4   |           | Kimball Midwest        |
| Flat Washer, 7/16 SAE Grade 8                             | 373907                      | 4   |           | Kimball Midwest        |
| Bolt, 7/16-20x2-1/2 SAE Grade 8                           | 390716                      | 2   | 81        | Kimball Midwest        |
| Spacer, Diameter 0.625"x0.125"                            | S650-DHR-SHOCK-MOUNT-SPACER | 2   |           | Watson                 |
| Rear Toe Link Assembly Kit (Adjustable)                   | DHR-TOE-LINK-ASSY-R2        | 2   |           | Watson                 |
| Nut, M14                                                  | W520215-S440                | 4   | 175       | Ford Dealer            |
| Bolt, M14x90                                              | BFD14X90YLW                 | 2   |           | Belmetric              |
| Bolt, M14x77                                              | W711504-S439                | 2   | 175       | Ford Dealer            |
| Spacer, Subframe Side                                     | TOE-LINK-HEIM-SPACER        | 4   |           | Watson                 |
| Rear Anti Roll Bar                                        | FR3Z-5A772-E                | 1   |           | Ford Dealer            |
| Bushing for Rear Anti Roll Bar                            | F2GZ-5493-C                 | 2   |           | Ford Dealer            |
| Clamp (Anti-Roll Bar to Subframe)                         | DG9Z-5B484-A                | 2   |           | Ford Dealer            |
| Bolt, M10x25 (Clamp to Subframe)                          | W711918-S439                | 4   | 70        | Ford Dealer            |
| Rear Adjustable Rear Drop Link, Anti Roll Bar             | LCR-DH-RSBL                 | 2   |           | Capaldi Racing         |
| Bracket (Brake Line to Anti Roll Bar) RH                  | PR3Z-2082-B                 | 1   |           | Ford Dealer            |
| Bracket (Brake Line to Anti Roll Bar) LH                  | PR3Z-2082-A                 | 1   |           | Ford Dealer            |
| Nut, M12x1.75 (Link To Anti Roll Bar / Lower Control Arm) | W520214-S440                | 4   | 65        | Ford Dealer            |
| Rear ARB Hardware Kit                                     | DHR-RSWYBRHRDWR             | 1   |           | Watson                 |
| Hex Bolt, M12-1.75x60, Modified                           | 42-212160                   | 2   | 65        | Kimball Midwest        |
| Hex Bolt, M12-1.75x50, Modified                           | 42-212150                   | 2   | 65        | Kimball Midwest        |
| PIA, Sleeve, 5/8 Dia x 1/2 Stock                          | N/A                         | 2   |           | N/A                    |
| PIA, Sleeve 5/8 Dia x 3/8 STK                             | N/A                         | 2   |           | N/A                    |
| Rear Spring (As Delivered to Customer)                    | HYP186C1000                 | 2   |           | HRP                    |
| Rear Spring Bearing Kit, Rear (2")                        | GEN-GC1017                  | 2   |           | HRP                    |
| <b>Brake System</b>                                       | -                           | -   | -         | -                      |
| <b>Anti-Lock Brake System (ABS)</b>                       | -                           | -   | -         | -                      |
| Dark Horse R ABS M5 Clubsport Kit                         | FP-2353-DHR                 | 1   |           | Technosports           |
| PIA, ABS Module (500kbaud/DF11S)                          | F02U.V05.287-01             | 1   |           | Technosports           |
| PIA, Pressure Sensor                                      | 0261.008.022                | 2   |           | Technosports           |
| PIA, Yaw / Acceleration Sensor                            | F02U.V02.589-01             | 1   |           | Technosports           |
| Bolt, M10-1.0 (Sensor to Bracket)                         | 241958                      | 2   | 50        | Kimball Midwest        |
| PIA, Mounting Plate, Yaw Sensor                           | 1271.032.390                | 1   |           | Technosports           |
| Bolt, M6x16 (Bracket to Frame)                            | 45-20616                    | 2   | 10        | Kimball Midwest        |
| PIA, 12 Position Switch                                   | F02U.V03.390-01             | 1   |           | Technosports           |
| PIA, ABS M5 Scale, Standard                               | F02U.004.709-01             | 1   |           | Technosports           |



# Bill of Materials (Cont.)

| Part Description                                     | Part Number           | Qty | Torque Nm | Supplier          |
|------------------------------------------------------|-----------------------|-----|-----------|-------------------|
| <b>Brake System</b>                                  | -                     | -   | -         | -                 |
| <b>Anti-Lock Brake System (ABS)</b>                  | -                     | -   | -         | -                 |
| MSA Box, Signal Converter                            | F02U-V00-327-03       | 1   |           | Technosports      |
| ABS Bracket                                          | 1                     | 1   |           | Watson            |
| Nylock Nut, M6-1.0                                   | 46-5506               | 4   | 10        | Kimball Midwest   |
| Isolator (Male/Male Bobbin)                          | 2008MM10-60           | 4   |           | AV Industrial     |
| <b>Front Brakes</b>                                  | -                     | -   | -         | -                 |
| Front Brake Kit                                      | 7K2-9005AK            | 1   |           | Race Technologies |
| Bell                                                 | 16B71452              | 1   |           | Race Technologies |
| Disc RH                                              | 759B97946             | 1   |           | Race Technologies |
| Disc LH                                              | 759B97936             | 1   |           | Race Technologies |
| Bell Ring                                            | 05A46739              | 2   | 24        | Race Technologies |
| Bell Ring Bolt                                       | 5582916               | 2   |           | Race Technologies |
| Front Brake Pad Kit                                  | BRP34-1980WA.29B      | 4   |           | Race Technologies |
| Caliper RH                                           | XB8GK52               | 4   |           | Race Technologies |
| Caliper LH                                           | XB8GK51               | 4   | 92        | Race Technologies |
| PIA, Copper Washer                                   | 06.2196.13            | 1   |           | Race Technologies |
| PIA, Bolt, M10x1.0, -3AN Male                        | 06.3710.20            | 1   |           | Race Technologies |
| Bracket, Caliper                                     | 20B71805              | 2   |           | Race Technologies |
| Studs, Bracket to Caliper                            | 80080C                | 42  | 7         | Race Technologies |
| Washer, Bracket to Caliper                           | WS-7                  | 2   |           | Race Technologies |
| Nuts, Bracket to Caliper                             | MS-7                  | 1   |           | Race Technologies |
| Bolt, M12x38 (Caliper Bracket to Knuckle)            | W721714-S439          | 4   | 110       | Ford Dealer       |
| Front ABS Wire RH (S550)                             | JR3Z-2C205-A          | 1   |           | Ford Dealer       |
| Front ABS Wire LH (S550)                             | JR3Z-2C204-A          | 1   |           | Ford Dealer       |
| Bolt, M6x12                                          | W500011-S442          | 2   | 9         | Ford Dealer       |
| Front ABS Wire Bracket RH, Modified                  | PR3Z-2C224-B          | 1   |           | Ford Dealer       |
| Front ABS Wire Bracket LH, Modified                  | PR3Z-2C224-A          | 1   |           | Ford Dealer       |
| Rivet, 6.6x23.9                                      | W707874-S417          | 2   |           | Ford Dealer       |
| Bolt (ABS Wire Bracket to Damper)                    | W505424-S442          | 2   | 110       | Ford Dealer       |
| Brake Line Bracket Kit                               | DHR-FRTBRKLINE-BRKT   | 1   |           | Watson            |
| Front Brake Line Bracket LH                          | DHR-LH-FRT-BRKLN-BRKT | 1   |           | Watson            |
| Front Brake Line Bracket RH                          | DHR-RH-FRT-BRKLN-BRKT | 1   |           | Watson            |
| Bolt, M6                                             | 45-20616              | 2   | 10        | Kimball Midwest   |
| Rivnut, M6                                           | 46-5506               | 2   |           | Kimball Midwest   |
| P-Clamp, 1/4"                                        | 26-461                | 2   |           | Kimball Midwest   |
| Brake Line Bracket RH, Modified                      | WMOD-2078-D           | 1   |           | Watson            |
| PIA, Front Hose Assembly RH (Donor Part for Bracket) | PR3Z-2078-D           | 1   |           | Ford Dealer       |
| Brake Line Bracket LH, Modified                      | WMOD-2078-C           | 1   |           | Watson            |
| PIA, Front Hose Assembly LH (Donor Part for Bracket) | PR3Z-2078-C           | 1   |           | Ford Dealer       |
| Screw, M8x20 (Front Hose)                            | W505263-S439          | 2   | 27.5      | Ford Dealer       |
| Screw, M8x20 (Rear Hose)                             | W505263-S439          | 4   | 35        | Ford Dealer       |
| Booster                                              | FR3Z-2005-G           | 1   |           | Ford Dealer       |
| Master Cylinder                                      | FR3Z-2140-C           | 1   |           | Ford Dealer       |
| Nut, M8 (Master to Booster)                          | W520212-S440          | 2   | 22.5      | Ford Dealer       |
| Cap, Master Cylinder                                 | BV6Z-2162-A           | 1   |           | Ford Dealer       |
| Bushing, Booster to Pedal Box                        | 3M5Z-2L523-AA         | 1   |           | Ford Dealer       |
| Vacuum Hose, Modified                                | FR3Z-2420-K           | 1   |           | Ford Dealer       |
| Hose, 5/8" (2in long)                                | NBH H183              | 1   |           | NAPA              |
| Fitting, 90deg Elbow                                 | NBH-9924              | 1   |           | NAPA              |
| Nut / Washer, M6                                     | W710771-S442          | 2   | 10        | Ford Dealer       |

# Bill of Materials (Cont.)

| Part Description                                                           | Part Number          | Qty | Torque Nm | Supplier                     |
|----------------------------------------------------------------------------|----------------------|-----|-----------|------------------------------|
| <b>Front Brakes</b>                                                        | -                    | -   | -         | -                            |
| Vacuum Hose, Modified                                                      | FR3Z-2420-K          | 1   |           | Ford Dealer                  |
| Oetiker Clamp, 25.6mm                                                      | 16700031             | 3   |           | Grainger                     |
| Front Brake Backing Plate Kit                                              | WR-BRK-BCK-DHR       | 1   |           | Watson                       |
| Front Brake Backing Plate RH                                               | DHR-BRAKE-BKNG-PLT-R | 1   |           | Watson                       |
| Front Brake Backing Plate LH                                               | DHR-BRAKE-BKNG-PLT-L | 1   |           | Watson                       |
| Bolt, M8x16                                                                | 45-20816             | 6   | 22        | Kimball Midwest              |
| <b>Rear Brakes</b>                                                         | -                    | -   | -         | -                            |
| Rear ABS Wire                                                              | PR3Z-2C190-A         | 2   |           | Ford Dealer                  |
| Bolt, M6x16                                                                | W505253-S450L        | 2   | 10        | Ford Dealer                  |
| Rear Caliper RH                                                            | PR3Z-2552-B          | 1   |           | Ford Dealer                  |
| Rear Caliper LH                                                            | PR3Z-2553-B          | 1   |           | Ford Dealer                  |
| Bolt, M12x100                                                              | W722051-S439         | 4   | 133       | Ford Dealer                  |
| Rear Brake Disc                                                            | PR3Z-2C026-A         | 2   |           | Ford Dealer                  |
| Rear Brake Pad Kit                                                         | P1309.17.F01         | 1   |           | Race Technologies            |
| Caliper Banjo Bolt, M10x1                                                  | BJB-03-2-7-S-W       | 2   | 24.5      | BMRS                         |
| Copper Washer for Brake Lines, 10.2x15x1.2                                 | W711784-S300         | 4   |           | Ford Dealer                  |
| Rear Brake Line RH, Modified (Donor Part for Brackets)                     | PR3Z-2282-B          | 1   |           | Ford Dealer                  |
| Rear Brake Line LH, Modified (Donor Part for Brackets)                     | PR3Z-2282-D          | 1   |           | Ford Dealer                  |
| Rear Brake Line Spacer Kit                                                 | WR-BRK-SPCR          | 2   |           | Watson                       |
| Rear Brake Line Spacer 1, 0.290 line                                       | DHR-BRAKELINESPCR1   | 4   |           | Watson                       |
| PIA, Spacer 1                                                              | N/A                  | 2   |           | Watson                       |
| P-Clamp, 1/2"                                                              | 26-474               | 1   |           | Kimball Midwest              |
| Rear Brake Line Spacer 2, 0.187 line                                       | DHR-BRAKELINESPCR2   | 2   |           | Watson                       |
| PIA, Spacer 2                                                              | N/A                  | 2   |           | Watson                       |
| P-Clamp, 1/2"                                                              | 26-474               | 1   |           | Kimball Midwest              |
| <b>Brake Lines</b>                                                         | -                    | -   | -         | -                            |
| Stainless Steel Brake Line Kit                                             | DHR-SSBRAKELINEKIT   | 1   |           | Watson                       |
| Master Cylinder to ABS (Front)                                             | DHR-BRKLINE1         | 1   |           | Watson                       |
| Master Cylinder Fitting, Male Tube Nut, M14 x 1.5, Double Flare, 1/4" Line | 9183-MTN             | 1   |           | Watson                       |
| Bosch PST-F1 Sensor-NPT 1/8" Male Adapter                                  | LCR-DH-BOSCH-ADP     | 1   |           | Capaldi Racing               |
| Female Branch Tee-S316, 1/4x1/8"                                           | N/A                  | 1   |           | Michigan Valve & Fitting Inc |
| Master Cylinder to ABS (Rear)                                              | DHR-BRKLINE2         | 1   |           | Watson                       |
| Master Cylinder Fitting, Male Tube Nut, M14 x 1.5, Double Flare, 1/4" Line | 9183-MTN             | 1   |           | Watson                       |
| Bosch PST-F1 Sensor-NPT 1/8" Male Adapter                                  | LCR-DH-BOSCH-ADP     | 1   |           | Capaldi Racing               |
| Female Branch Tee-S316, 1/4x1/8"                                           | N/A                  | 1   |           | Michigan Valve & Fitting Inc |
| ABS to Rear LH                                                             | DHR-BRKLINE3         | 1   |           | Watson                       |
| ABS to Rear RH                                                             | DHR-BRKLINE4         | 1   |           | Watson                       |
| ABS to Front LH                                                            | DHR-BRKLINE5         | 1   |           | Watson                       |
| ABS to Front RH                                                            | DHR-BRKLINE6         | 1   |           | Watson                       |
| P-Clamp, 1/4"                                                              | 26-461               | 2   |           | Kimball Midwest              |
| Bolt, M6x16                                                                | 45-20616             | 2   | 10        | Kimball Midwest              |
| Flexible Brake Line Kit                                                    | DHR-FLEX-BRK-LINES   | 1   |           | Watson                       |
| PIA, Rear Brake Line LH                                                    | FORDM-B01            | 1   |           | BMRS                         |
| PIA, Rear Brake Line RH                                                    | FORDM-B02            | 1   |           | BMRS                         |
| PIA, Front Brake Line RH                                                   | FORDM-B04            | 1   |           | BMRS                         |
| PIA, Front Brake Line LH                                                   | FORDM-B05            | 1   |           | BMRS                         |
| P-Clamp, 1/4"                                                              | 26-461               | 2   |           | Kimball Midwest              |
| Bolt, M6x14                                                                | W500212-S450         | 2   | 10        | Ford Dealer                  |

# Bill of Materials (Cont.)

| Part Description                                        | Part Number        | Qty | Torque Nm | Supplier               |
|---------------------------------------------------------|--------------------|-----|-----------|------------------------|
| <b>Brake Lines</b>                                      | -                  | -   | -         | -                      |
| Flexible Brake Line Kit                                 | DHR-FLEX-BRK-LINES | 1   |           | Watson                 |
| Nut, M6                                                 | W520201-S450B      | 2   | 10        | Ford Dealer            |
| Rear Brake Line Bundle                                  | PR3Z-9J279-A       | 1   |           | Ford Dealer            |
| <b>Driveline System</b>                                 | -                  | -   | -         | -                      |
| Sealed Differential                                     | FP-4001-DHRA       | 1   |           | Watson                 |
| Bolt / Washer, M14x75 (Diff to Subframe)                | W716983-S439       | 2   | 175       | Ford Dealer            |
| Bolt, M14x90 (Diff to Subframe)                         | W716979-S439       | 2   | 175       | Ford Dealer            |
| Barbed Fitting (for Diff Vent)                          | 2L1Z-4022-BA       | 1   |           | Ford Dealer            |
| Rear Catch Can - Differential                           | JOES-12310         | 1   |           | HRP                    |
| Rear Catch Can Kit - Differential                       | DHR-RCTCHCAN-DIFF  | 1   |           | N/A                    |
| Rivnut , M4-7                                           | 85411              | 2   |           | Kimball Midwest        |
| Bolt, M4x0.7x20mm                                       | 91280A045          | 2   |           | McMaster Carr          |
| Flat Washers                                            | 45-3504            | 2   |           | Kimball Midwest        |
| Rear Diff Hose, 5/16" Hose, 30" long                    | H176               | 1   |           | NAPA                   |
| Barbed Hose Fitting, Straight Adapter for 5/16" Hose ID | 5346K16            | 1   |           | McMaster Carr          |
| Rubber Grommets                                         | 26-822             | 1   |           | Kimball Midwest        |
| Front Catch Can - Transmission                          | JOES-12310         | 1   |           | HRP                    |
| Front Catch Can Kit- Transmission                       | DHR-FCTCHCAN-TRANS | 1   |           | N/A                    |
| Rivnut , M4-7                                           | 85411              | 2   |           | Kimball Midwest        |
| Bolt, M4x0.7x20mm                                       | 91280A045          | 2   |           | McMaster Carr          |
| Flat Washers                                            | 45-3504            | 2   |           | Kimball Midwest        |
| Front Hose, 39 1/2" long                                | H176               | 1   |           | NAPA                   |
| Barbed Hose Fitting, 90° Elbow for 5/16" Hose ID        | 53525K14           | 1   |           | McMaster Carr          |
| Rubber Grommets                                         | 26-818             | 2   |           | Kimball Midwest        |
| Differential Temperature Sensor                         | 9L8Z-6G004-E       | 1   |           | Ford Dealer            |
| Half Shaft RH, Modified                                 | DHR-HALFSHAFT-MODR | 1   |           | Watson                 |
| PIA, Axle Shaft RH                                      | KR3Z-4K138-D       | 1   |           | Ford Dealer            |
| Nut, M22 (Shaft to Hub)                                 | CCPZ-3B477-G       | 1   | 115       | Ford Dealer            |
| CV Boot RH                                              | M-3A331-GT4B       | 1   |           | Ford Performance Parts |
| Clamp, 3/8 X 16"                                        | AS6239             | 1   |           | Band-It                |
| CV-2 Grease with Moly                                   | RED-80401          | 0.5 |           | HRP                    |
| Half Shaft LH, Modified                                 | DHR-HALFSHAFT-MODL | 1   |           | Watson                 |
| PIA, Axle Shaft LH                                      | KR3Z-4K139-G       | 1   |           | Ford Dealer            |
| Nut, M22 (Shaft to Hub)                                 | CCPZ-3B477-G       | 1   | 115       | Ford Dealer            |
| CV Boot LH                                              | M-3A331-GT4A       | 1   |           | Ford Performance Parts |
| Clamp, 3/8 X 16"                                        | AS6239             | 1   |           | Band-It                |
| CV-2 Grease with Moly                                   | RED-80401          | 0.5 |           | HRP                    |
| Transmission Cooler w/ Top Bracket                      | PR3Z-6A642-A       | 1   |           | Ford Dealer            |
| Bracket (Lower Mounting of Cooler)                      | FR3Z-6K743-A       | 1   |           | Ford Dealer            |
| Bolt, M6x25                                             | W721571-S442       | 2   | 10        | Ford Dealer            |
| Bolt, M8x22 (Top Upper Bracket)                         | W503293-S439       | 1   | 22        | Ford Dealer            |
| Bolt / Washer, M8x27                                    | W709390-S439       | 1   | 22        | Ford Dealer            |
| U-Nut Clip, M8 (Bracket to K Member)                    | W709990-S439       | 1   | 22        | Ford Dealer            |
| Sealed Transmission                                     | FP-7003-DHR        | 1   |           | Technosports           |
| Stud, M10x60+M6x16                                      | W719349-S439       | 3   | 47.5      | Ford Dealer            |
| Bolt, M10x60                                            | W714289-S437       | 2   | 47.5      | Ford Dealer            |
| Stud, M10x75+M6x12                                      | W718165-S439       | 1   | 47.5      | Ford Dealer            |
| Stud, M10x80+M6x12                                      | W714416-S437       | 1   | 47.5      | Ford Dealer            |
| Plate (Between Engine Block and Bell Housing)           | JL3Z-7007-C        | 1   |           | Ford Dealer            |

# Bill of Materials (Cont.)

| Part Description                                                   | Part Number          | Qty | Torque Nm | Supplier        |
|--------------------------------------------------------------------|----------------------|-----|-----------|-----------------|
| <b>Driveline System</b>                                            | -                    | -   | -         | -               |
| Shifter Kit                                                        | LCR-7210-A           | 1   |           | Capaldi Racing  |
| PIA, Handle                                                        | LCR-DH-SHIFTER       | 1   |           | Capaldi Racing  |
| PIA, Reverse Lock Out                                              | LCR-DH-RLO           | 1   |           | Capaldi Racing  |
| PIA, Shift Knob                                                    | LCR-DH-SHIFT-KNOB    | 1   |           | Capaldi Racing  |
| Clutch, Disc                                                       | FP-7550-DHRA         | 1   |           | Centerforce     |
| Clutch, Pressure Plate                                             | FP-7563-DHRA         | 1   |           | Centerforce     |
| Clutch, Flywheel (includes Pressue Plate Hardware)                 | FP-6375-DHR          | 1   |           | Centerforce     |
| Production Throwout Bearing                                        | MR3Z-7A508-A         | 1   |           | Ford Dealer     |
| Clutch Spacer Kit                                                  | FP-7500-DHR          | 1   |           | Centerforce     |
| Clutch Line, Stainless Steel                                       | S650-DHR-CLUTCH-LINE | 1   |           | Watson          |
| Clutch Master Feed Kit                                             | LCR-CMFK-DH          | 1   |           | Capaldi Racing  |
| Tube, 90deg (Trans to Clutch Line)                                 | 7R3Z-7K505-A         | 1   |           | Ford Dealer     |
| Transmission Mount Assembly                                        | FP-6068-DHR          | 1   |           | Technosports    |
| Isolator                                                           | BR3Z-7E373-B         | 1   |           | Ford Dealer     |
| Cross Member                                                       | BR3Z-6A023-B         | 1   |           | Ford Dealer     |
| Bolt / Washer, M12x54                                              | W720138-S439         | 4   | 62.5      | Ford Dealer     |
| Bolt, M12x75                                                       | W715936-S437         | 3   | 103       | Ford Dealer     |
| Transmission Cooler Lines Kit                                      | DHR-TRANS-CLR-LINES  | 1   |           | Watson          |
| Trans Oil Cooler Tube Assembly (Hard Line), Modified               | DHR-TRANSLINE-TRANS  | 1   |           | Watson          |
| Transmission Oil Cooler Tube Assembly                              | PR3Z-7R081-F         | 1   |           | Ford Dealer     |
| Transmission In (Flexible Line)                                    | DHR-TRNS-CLR-LIN-1A  | 1   |           | Watson          |
| Transmission Out (Flexible Line)                                   | DHR-TRNS-CLR-LIN-2A  | 1   |           | Watson          |
| Trans Oil Cooler Line, Modified                                    | DHR-TRANSLINE-COOL   | 1   |           | Watson          |
| Line (from Production Engine Oil Cooler used for DHR Trans Cooler) | PR3Z-6B850-A         | 1   |           | Ford Dealer     |
| Plastic Push Rivet, 6.5x4.5-7                                      | W714040-S300         | 1   |           | Ford Dealer     |
| P-Clamp, 1/2"                                                      | 26-464               | 4   |           | Kimball Midwest |
| Bolt, M6x16                                                        | W505253-S450L        | 4   | 10        | Ford Dealer     |
| Bolt, M6x15                                                        | W721914-S450         | 2   | 10        | Ford Dealer     |
| Nut / Washer, M10                                                  | W520125-S442         | 2   | 47.5      | Ford Dealer     |
| Zip Tie (AN Lines to K Member)                                     | 26-684               | 6   |           | Kimball Midwest |
| Bolt, M6 (AN Lines to K Member)                                    | 45-20616             | 2   | 10        | Kimball Midwest |
| P-Clamp, 3/4" (AN Lines to K Member)                               | 26-466               | 4   |           | Kimball Midwest |
| Drive Shaft                                                        | PR3Z-4R602-G         | 1   |           | Ford Dealer     |
| PIA, Bolt (Shaft to Diff)                                          | N/A                  | 6   | 62.5      | Ford Dealer     |
| Bolt, M12-1.75x27 (Shaft to Trans)                                 | N800594-S101         | 4   | 110       | Ford Dealer     |
| Bolt, M10x19 (Center Bearing to Body)                              | W717822-S439         | 2   | 47.5      | Ford Dealer     |
| Front Drive Shaft Loop Kit                                         | CM-5478-MGTF         | 1   |           | Watson          |
| PIA, Loop, U Bracket                                               | N/A                  | 1   |           | Watson          |
| PIA, Bottom Plate                                                  | N/A                  | 1   |           | Watson          |
| PIA, Weld Stud Plate                                               | N/A                  | 2   |           | Watson          |
| Bolts, M8-1.25x35                                                  | 4520825              | 4   | 22        | Watson          |
| Nylon Nuts, M8-1.25                                                | 465508               | 8   | 22        | Watson          |
| Square Washers 5/16"                                               | 99041A105            | 2   |           | McMaster Carr   |
| Rear Drive Shaft Loop Kit                                          | CM-5478-350S-R       | 1   |           | Watson          |
| PIA, Loop                                                          | N/A                  | 1   |           | Watson          |
| PIA, Cross Bar                                                     | N/A                  | 1   |           | Watson          |
| Weld Stud Plate                                                    | N/A                  | 2   |           | N/A             |
| Bolts, M8-1.25x35                                                  | 4520825              | 4   | 22        | Kimball Midwest |
| Nylock Nut, M8-1.25                                                | 465508               | 8   | 22        | Kimball Midwest |
| Wiring Modified to Differential Pump                               | WMOD-GEN-GC1111      | 1   |           | Watson          |

# Bill of Materials (Cont.)

| Part Description                                        | Part Number               | Qty | Torque Nm | Supplier                        |
|---------------------------------------------------------|---------------------------|-----|-----------|---------------------------------|
| <b>Driveline System</b>                                 | -                         | -   | -         | -                               |
| Differential Pump (Genesis)                             | GEN-GC1111                | 1   |           | HRP                             |
| X-Tree Zip Tie                                          | T-50RTM                   | 2   |           | Kimball Midwest                 |
| Fitting, Male -8 AN to 3/8" Male Pipe (Diff Pump)       | FBM5007                   | 2   |           | HRP                             |
| Bolt, M8 (Pump to Bracket)                              | 4653286                   | 4   | 22        | Kimball Midwest                 |
| Bolt, M8 (Pump Bracket to Rear Subframe)                | 4653286                   | 2   | 22        | Kimball Midwest                 |
| Bracket (Diff Pump to Body)                             | DHR-DIFFPMPBRKT-AS        | 1   |           | Watson                          |
| Wiring Modified to Differential Cooler and Fan Unit     | WMOD-SETFP920M22I         | 2   |           | Watson                          |
| Differential Cooler and Fan Unit                        | SETFP920M22I              | 2   |           | HRP                             |
| Zip Tie                                                 | 26-681                    | 2   |           | Kimball Midwest                 |
| Bracket , Differential Cooler and Fan Unit              | DHR-DIFF-CLR-BRKT         | 2   |           | Watson                          |
| Fitting, Setrab M22-AN08 Adapter (Differential Coolers) | SET22-M22AN08-SE          | 4   |           | HRP                             |
| Differential Cooler Line Kit                            | DHR-DIFF-CLR-LINES        | 1   |           | Watson                          |
| LH Cooler Out / Differential In                         | S650-DHR-DIFF-LINE-HOSE1  | 1   |           | Watson                          |
| Pump Out / RH Cooler In                                 | S650-DHR-DIFF-LINE-HOSE2  | 1   |           | Watson                          |
| Differential to Pump In                                 | S650-DHR-DIFF-LINE-HOSE3A | 1   |           | Watson                          |
| RH Cooler Out / LH Cooler In                            | S650-DHR-DIFF-LINE-HOSE4  | 1   |           | Watson                          |
| Filter Screen for Differential Cooler                   | SET11-UF08                | 1   |           | HRP                             |
| Isolator for Differential Cooler                        | 2008MM10-60               | 8   |           | AV Industrial                   |
| <b>Steering System</b>                                  | -                         | -   | -         | -                               |
| Steering Column                                         | PR3Z-3C529-A              | 1   |           | Ford Dealer                     |
| Nut, M8x1.25                                            | W520102-S437              | 4   | 25        | Ford Dealer                     |
| Steering Shaft w/ Bearing                               | PR3Z-3E751-A              | 1   |           | Ford Dealer                     |
| Bolt, M8x31 (Shaft to Column)                           | W714878-S450              | 2   | 30        | Ford Dealer                     |
| Nut / Washer, M6 (Bearing to Firewall)                  | W707137-S437              | 2   | 9         | Ford Dealer                     |
| Multifunction Switch, Modified                          | DHR-CLMNSWTCH-MOD         | 1   |           | Watson                          |
| Multifunction Switch                                    | PR3Z-3F791-FA             | 1   |           | Ford Dealer                     |
| Screw, M5x25                                            | W504698-S451              | 4   | 2.8       | Ford Dealer                     |
| Steering Shaft (Lower)                                  | FR3Z-3B676-B              | 1   |           | Ford Dealer                     |
| Yoke (Lower Shaft to Rack)                              | FR3Z-3N725-B              | 1   |           | Ford Dealer                     |
| Bolt, M8x31 (Shaft to Yoke, Yoke to Rack)               | W714878-S450              | 2   | 30        | Ford Dealer                     |
| Programmed EPAS                                         | FP-3D070-DHR              | 1   |           | Ford Performance / Technosports |
| Bolt / Washer, M16x79 (EPAS)                            | W717106-S439              | 2   | 200       | Ford Dealer                     |
| Tie Rod Kit                                             | PR3Z-3280-A               | 1   |           | Ford Dealer                     |
| Tie Rod End                                             | PR3Z-3A130-A              | 1   |           | Ford Dealer                     |
| Nut, M12                                                | W705606-S440              | 2   | 81        | Ford Dealer                     |
| Steering Hub                                            | 01502067CA                | 1   |           | Sparco SPA                      |
| Bolt / Washer, M10x37 (Hub to Column)                   | W721079-S437              | 1   | 62.5      | Ford Dealer                     |
| Quick Release w/ Hardware (Steering Wheel to Hub)       | 015R98TU                  | 1   |           | Sparco SPA                      |
| Bolt, M5-0.80x20                                        | 4653455                   | 6   | 2.8       | Kimball Midwest                 |
| Nut, M5                                                 | 46-5505                   | 6   | 2.8       | Kimball Midwest                 |
| Steering Wheel                                          | M-3600-RA                 | 1   |           | Ford Performance Parts          |
| Steering Wheel Hook                                     | JOES-10704-B              | 1   |           | HRP                             |
| Steering Wheel Switch Plate                             | DHR-STRNGWHLSWTCH         | 1   |           | Watson                          |
| <b>Pedals</b>                                           | -                         | -   | -         | -                               |
| Pedal Box Assembly (Brake & Clutch) S550                | FR3Z-2455-AH              | 1   |           | Ford Dealer                     |
| Bolt / Washer, M8x31 (Pedal Box Assembly to Body)       | W707108-S439              | 4   | 22.5      | Ford Dealer                     |
| Nut, M8 (Booster to Pedal Box Assembly)                 | W520212-S440              | 6   | 22.5      | Ford Dealer                     |



# Bill of Materials (Cont.)

| Part Description                                                | Part Number         | Qty | Torque Nm | Supplier               |
|-----------------------------------------------------------------|---------------------|-----|-----------|------------------------|
| <b>Pedals</b>                                                   | -                   | -   | -         | -                      |
| Brake Pedal Switch                                              | GL3Z-13480-A        | 1   |           | Ford Dealer            |
| Gas Pedal                                                       | CR3Z-9F836-H        | 1   |           | Ford Dealer            |
| Nut, M6 (Pedal to Body)                                         | W711330-S442        | 3   | 9         | Ford Dealer            |
| Switch (Lower Clutch)                                           | PR3Z-11A152-A       | 1   |           | Ford Dealer            |
| Clutch Master Cylinder Assembly S650                            | PR3Z-7A543-A        | 1   |           | Ford Dealer            |
| <b>Wheel &amp; Tire Assembly</b>                                | -                   | -   | -         | -                      |
| Valve Stem                                                      | 90-414              | 4   |           | NAPA                   |
| Apex VS-5RE 18x11" ET52 Wheel - 5x114.3mm / 70.5mm - Anthracite | VS5RE1811ET52-AN    | 4   |           | APEX                   |
| Apex Wheel Spacers 28mm - 5x114.3mm / 70.5mm - (Pair) - Black   | APX-SPCR-5114-28-B  | 1   |           | APEX                   |
| Michelin Slicks (MUSTANG CHALLENGE ONLY)                        | 79759               | 4   |           | Michelin               |
| Michelin Rain (MUSTANG CHALLENGE ONLY)                          | 25100               | 4   |           | Michelin               |
| Yokohama Slicks (MUSTANG CUP ONLY)                              | 150100683           | 4   |           | Yokohama               |
| Yokohama Rain (MUSTANG CUP ONLY)                                | 150100722           | 4   |           | Yokohama               |
| <b>Information, Programing, Gauge &amp; Warning System</b>      | -                   | -   | -         | -                      |
| Motec System, MC187                                             | MC187-USB-DARKHORSE | 1   |           | Motec USA              |
| Motec System, GPS                                               | CFP-MGPS-L10        | 1   |           | Motec USA              |
| Grommet, 5/8" ID (Installed on Roof)                            | 26-822              | 1   |           | Kimball Midwest        |
| Zip Tie                                                         | 26-684              | 7   |           | Kimball Midwest        |
| X-Tree Zip Tie                                                  | T-50RTM             | 2   |           | Kimball Midwest        |
| Bracket (Mount Screen to Clock Spring)                          | DHR-MOTECBRKT       | 1   |           | Watson                 |
| Weld Nut, M4                                                    | 93337A500           | 2   | 2.2       | McMaster Carr          |
| Washer, M5                                                      | 45-3505             | 3   |           | Kimball Midwest        |
| Nylock Nut, M5x0.8                                              | 46-5505             | 3   | 2.8       | Kimball Midwest        |
| Screw, M4-1.0x10                                                | 46-3266             | 2   | 2.2       | Kimball Midwest        |
| Procal 4                                                        | M-12655-F           | 1   |           | Ford Performance Parts |
| Ambient Temperature Sensor                                      | DA8Z-12A647-C       | 1   |           | Ford Dealer            |
| Engine Oil Temperature Sensor                                   | CFP-M25-2197D       | 1   |           | Motec USA              |
| Transmission Temperature Sensor                                 | CFP-M25-2197D       | 1   |           | Motec USA              |
| X-Tree Zip Tie                                                  | T-50RTM             | 1   |           | Kimball Midwest        |
| Transponder Bracket                                             | DHR-LAPSBKRT        | 1   |           | Watson                 |
| Bolt, M6x16 (Bracket to Body)                                   | 4520616             | 2   | 10        | Kimball Midwest        |
| Bolt, M4x10 (Transponder to Bracket)                            | 2759802             | 2   | 2.2       | Kimball Midwest        |
| Rivnut, M4                                                      | 85411               | 2   |           | Kimball Midwest        |
| <b>Electrical</b>                                               | -                   | -   | -         | -                      |
| Battery                                                         | BAGM-48H6-760       | 1   |           | Ford Dealer            |
| Battery Vent Tube                                               | R1MZ-10A818-B       | 1   |           | Ford Dealer            |
| Battery Harness, Modified                                       | PR3T-14B060-PGMOD   | 1   |           | Technosports           |
| PIA, Battery to Breaker Cable                                   | FP-14B060-AA        | 1   |           | Technosports           |
| PIA, Breaker to Kissling Relay Cable                            | FP-14B060-BA        | 1   |           | Technosports           |
| P-Clamp, 3/4"                                                   | 26466               | 1   |           | Kimball Midwest        |
| Nut / Washer, M6 (to PDB)                                       | W716298-S450        | 6   | 10.5      | Ford Dealer            |
| Screw, M6x20                                                    | W505424-S442        | 2   | 12        | Ford Dealer            |
| Nut, M6 Nylon Insert (to Body)                                  | W520201-S440        | 1   | 12        | Ford Dealer            |
| Fuse Panel (PDB)                                                | PR3Z-14A068-B       | 1   |           | Ford Dealer            |
| Fuse Panel Cover                                                | PR3Z-14A003-A       | 1   |           | Ford Dealer            |
| Fuse Panel Mounting Bracket                                     | PR3Z-14A254-C       | 1   |           | Ford Dealer            |
| Bolt / Washer, M6x25                                            | W711158-S442        | 1   | 10        | Ford Dealer            |
| Underhood PDB Harness, Modified                                 | PR3T-14290-FHLLAMOD | 1   |           | PRS                    |
| Bolt, M6                                                        | 45-20616            | 2   | 10        | Kimball Midwest        |
| Zip Tie                                                         | 26-684              | 2   |           | Kimball Midwest        |

# Bill of Materials (Cont.)

| Part Description                                    | Part Number         | Qty | Torque Nm | Supplier            |
|-----------------------------------------------------|---------------------|-----|-----------|---------------------|
| <b>Electrical</b>                                   | -                   | -   | -         | -                   |
| Underhood PDB Harness, Modified                     | PR3T-14290-FHLAMOD  | 1   |           | PRS                 |
| Bolt / Retainer, M6x20                              | W710381-S439        | 1   | 10        | Ford Dealer         |
| Ground Bolt, M6x20                                  | W505255-S450L       | 9   | 12        | Ford Dealer         |
| Zip Tie                                             | 26-684              | 10  |           | Kimball Midwest     |
| P-Clamp, 3/8"                                       | 26-463              | 1   |           | Kimball Midwest     |
| Ground Bolt, M6x20                                  | W505255-S450L       | 1   | 12        | Ford Dealer         |
| Front Overlay Loom                                  | FP-14290-AB         | 1   |           | PRS                 |
| Cap Connector                                       | FR3Z-14A666-A       | 1   |           | Ford Dealer         |
| Main Breaker                                        | 353250              | 1   |           | Technosports        |
| Socket Head Cap Screw, M6-1.0x20                    | 46-50620            | 2   | 10        | Kimball Midwest     |
| Screw / Washer (Self-Tapping), M6x18                | W705968-S439        | 1   | 10        | Ford Dealer         |
| Main Relay                                          | 29-311-11           | 1   |           | Technosports        |
| Socket Head Cap Screw, M6-1.0x20 (Relay)            | 46-50620            | 2   | 10        | Kimball Midwest     |
| Zip Tie                                             | 26-684              | 1   |           | Kimball Midwest     |
| Main Body Harness, Modified (Overlay)               | PR3T-14A005-CGLBMOD | 1   |           | Technosports        |
| Screw / Washer, M6x20                               | W716914-S439        | 4   | 9         | Ford Dealer         |
| Zip Tie                                             | 26-684              | 25  |           | Kimball Midwest     |
| Ground Bolt, M6x16 (Trunk)                          | W505253-S450L       | 2   | 12        | Ford Dealer         |
| Ground Bolt, M6x16 (B-Pillar)                       | W505253-S450L       | 2   | 12        | Ford Dealer         |
| Ground Bolt, M6x16 (Lower Foot Well)                | W505253-S450L       | 2   | 12        | Ford Dealer         |
| Rivet                                               | PR43-SSP            | 4   |           | Reid                |
| X-Tree Zip Tie                                      | T-50-RTM            | 2   |           | Terminal Supply Co. |
| Grommet, 5/8" ID                                    | 26-822              | 4   |           | Kimball Midwest     |
| Cockpit Loom                                        | FP-14A005-AB        | 1   |           | PRS                 |
| Zip Tie                                             | 26-684              | 3   |           | Kimball Midwest     |
| Ground Bolt, M6x16                                  | W505253-S450L       | 1   | 12        | Ford Dealer         |
| P-Clamp, 3/8"                                       | 26-463              | 1   |           | Kimball Midwest     |
| Motec C187 Ethernet                                 | FP-14401-EA         | 1   |           | Technosports        |
| Radio Jumper (compatible with Cars 001-040)         | FP-14401-AA         | -   |           | Technosports        |
| HS2-CAN Jumper (compatible with Cars 001-040)       | FP-14401-CA         | -   |           | Technosports        |
| CAN Bridge Loom (IP) (compatible with Cars 001-040) | FP-14401-DA         | -   |           | Technosports        |
| Instrument Panel (Dash) Harness, Modified           | PR3T-14401-EFMOD    | 1   |           | Technosports        |
| Ground Bolt, M6x20                                  | W505255-S450L       | 4   | 12        | Ford Dealer         |
| Zip Tie                                             | 26-684              | 25  |           | Kimball Midwest     |
| X-Tree Zip Tie                                      | T-50-RTM            | 2   |           | Terminal Supply Co. |
| Zip Tie                                             | 26-684              | 5   |           | Kimball Midwest     |
| Alternator Assembly                                 | PR3Z-10346-B        | 1   |           | Ford Dealer         |
| Stud, M10x19.8+M10x33.3                             | W712609-S437        | 1   | 8         | Ford Dealer         |
| Nut, M10                                            | W520414-S442        | 1   | 47.5      | Ford Dealer         |
| Bolt / Washer, M10x92                               | W715092-S437        | 1   | 47.5      | Ford Dealer         |
| Nut / Washer, M8                                    | W711953-S900        | 1   | 17.5      | Ford Dealer         |
| PCM                                                 | FP-12A650-DHR       | 1   |           | Ford Dealer         |
| Bolt, M6x25 (PCM to Bracket)                        | W500015-S442        | 2   | 10        | Ford Dealer         |
| Engine Pocket Connector (PCM)                       | FP-14S4111-EA       | 1   |           | Technosports        |
| Transmission Pocket Connector (PCM)                 | FP-14S4111-TA       | 1   |           | Technosports        |
| Vehicle Pocket Connector (PCM)                      | FP-14S4111-VA       | 1   |           | Technosports        |
| Bracket (PCM to Body)                               | PR3Z-12A659-C       | 1   |           | Ford Dealer         |
| Bolt, M6x20 (PCM to Body)                           | W716914-S307        | 2   | 10        | Ford Dealer         |
| Nut Clip, M6                                        | W710198-S439        | 1   |           | Ford Dealer         |

# Bill of Materials (Cont.)

| Part Description                                         | Part Number          | Qty | Torque Nm | Supplier                        |
|----------------------------------------------------------|----------------------|-----|-----------|---------------------------------|
| <b>Electrical</b>                                        | -                    | -   | -         | -                               |
| Bracket (PCM Support)                                    | DHR-PCMBRKT-AS       | 1   |           | Watson                          |
| Bolt, M6-1.0x16                                          | 45-20616             | 3   | 10        | Kimball Midwest                 |
| P-Clamp, 1-1/2"                                          | 26-480               | 1   |           | Kimball Midwest                 |
| Rivnut, M6-1.0                                           | 85-413               | 2   |           | Kimball Midwest                 |
| Wiring - Clutch Pedal Position                           | PR3Z-15K857-AA       | 1   |           | Ford Dealer                     |
| Body Ancillary Module + Bracket                          | RR3Z-13C788-B        | 1   |           | Ford Dealer                     |
| Programmed Body Control Module (BCM) 2025                | FP-15604-DHR1        | 1   |           | N/A                             |
| Nut / Washer, M6                                         | W702751-S442         | 1   | 8         | Ford Dealer                     |
| Hegos (O2 Sensor), Black RH                              | PR3Z-9F472-A         | 1   |           | Ford Dealer                     |
| Hegos (O2 Sensor), Gray LH                               | PR3Z-9F472-E         | 1   |           | Ford Dealer                     |
| RH Door Harness, Modified                                | PR3T-14630-HGMOD     | 1   |           | Technosports                    |
| LH Door Harness, Modified                                | PR3T-14631-KGMOD     | 1   |           | Technosports                    |
| Zip Tie                                                  | 26-684               | 2   |           | Kimball Midwest                 |
| Differential Pump Jumper Harness                         | FP-14A411-AA         | 1   |           | Technosports                    |
| Zip Tie                                                  | 26-684               | 8   |           | Kimball Midwest                 |
| Plug, 36x0.8-1.5                                         | W711539-S300         | 1   |           | Ford Dealer                     |
| Fuel Pump Jumper Harness                                 | FP-2B572-AA          | 1   |           | Technosports                    |
| Zip Tie                                                  | 26-684               | 14  |           | Kimball Midwest                 |
| P-Clamp, 3/4"                                            | 26-466               | 2   |           | Kimball Midwest                 |
| P-Clamp, 3/8"                                            | 26-463               | 2   |           | Kimball Midwest                 |
| Ground Bolt, M6x16                                       | W505253-S450L        | 1   | 12        | Ford Dealer                     |
| Nut, M6                                                  | W711330-S442         | 1   | 12        | Ford Dealer                     |
| Differential Temp / Rear Chassis Harness, Modified       | PR3T-2B572-FFMOD     | 1   |           | Ford Performance / Technosports |
| Zip Tie                                                  | 26-464               | 2   |           | Kimball Midwest                 |
| Gateway Module                                           | PU5Z-14G490-AE       | 1   |           | Ford Dealer                     |
| Screw, M6x20                                             | W505424-S442         | 4   | 6.2       | Ford Dealer                     |
| Ground Wire                                              | PR3Z-19A095-B        | 1   |           | Ford Dealer                     |
| PIA, Nut                                                 | W715955-S900         | 1   | 10.5      | Ford Dealer                     |
| PIA, Nut                                                 | W718941-S900         | 1   | 10.5      | Ford Dealer                     |
| Bolt, M6x14                                              | W500212-S450         | 1   | 13.5      | Ford Dealer                     |
| CAN Bridge Module                                        | CAN-FD-Bridge        | 1   |           | Technosports                    |
| CAN Bridge Flash                                         | FP-CANBRIDGEv1.0-DHR | 1   |           | N/A                             |
| Bolt, M6x35                                              | 4520635              | 2   |           | Kimball Midwest                 |
| Rivnut, M6                                               | 85413                | 2   |           | Kimball Midwest                 |
| Interior Master Power Panel                              | DHR-MSTR-PWR-PNL     | 1   |           | Watson                          |
| Rivet, 1/8"                                              | PR4Z-SSP             | 2   |           | Kimball Midwest                 |
| Upper Switch Harness (Interior Master, Ignition, Mirror) | FP-14401-CA          | 1   |           |                                 |
| Exterior Power Panel (Kill Switch / Fire Switch) Red     | DHR-EXTRPWRPNL       | 1   |           | Watson                          |
| Exterior Master Switch                                   | FP-14401-DA          | 1   |           |                                 |
| Rivet                                                    | MARSABL6-6           | 2   |           | Metro Bolt & Fastener           |
| Grommet, 5/8" ID                                         | 26-822               | 2   |           | Kimball Midwest                 |
| Center Stack Switch Panel                                | DHR-CENTERSTACK      | 1   |           | Watson                          |
| Screw, M6-1.0x20                                         | 92095A240            | 4   | 10        | McMaster Carr                   |
| Rivnut, M6-1.0                                           | 85413                | 2   |           | Kimball Midwest                 |
| Zip Tie                                                  | 26-684               | 12  |           | Kimball Midwest                 |
| Lower Switch Panel Harness                               | FP-14401-BA          | 1   |           | PRS                             |
| OBD2 Mounting Plate                                      | DHR-OBD2-MNT-PLT     | 1   |           | Watson                          |
| Rivnut, M6-1.0                                           | 85413                | 3   |           | Kimball Midwest                 |
| Button Head Screw, M6-1.0x30                             | 2729796              | 3   | 10        | Kimball Midwest                 |
| Button Head Screw, M3-0.50x15                            | 91290A572            | 3   | 1         | McMaster Carr                   |

# Bill of Materials (Cont.)

| Part Description                                   | Part Number          | Qty  | Torque Nm | Supplier          |
|----------------------------------------------------|----------------------|------|-----------|-------------------|
| <b>Electrical</b>                                  | -                    | -    | -         | -                 |
| OBD2 Mounting Plate                                | DHR-OBD2-MNT-PLT     | 1    |           | Watson            |
| Nut, M3x0.50                                       | 46-3503              | 3    | 1         | Kimball Midwest   |
| Headlight Assembly RH, Modified                    | FP-13005-DHR         | 1    |           | Technosports      |
| Bolt / Washer, M6x18                               | W720434-S450B        | 1    | 8         | Ford Dealer       |
| Bolt / Washer, M6x32                               | W722695-S439         | 2    | 3.2       | Ford Dealer       |
| Headlight Assembly LH, Modified                    | FP-13006-DHR         | 1    |           | Technosports      |
| Bolt / Washer, M6x18                               | W720434-S450B        | 1    | 8         | Ford Dealer       |
| Bolt / Washer, M6x32                               | W722695-S439         | 2    | 3.2       | Ford Dealer       |
| Tail Light Assembly LH                             | PR3Z-13404-D         | 1    |           | Ford Dealer       |
| Nut / Washer, M6                                   | W710771-S442         | 3    | 6.2       | Ford Dealer       |
| Tail Light Assembly LH                             | PR3Z-13405-D         | 1    |           | Ford Dealer       |
| Nut / Washer, M6                                   | W710771-S442         | 3    | 6.2       | Ford Dealer       |
| Trim (Top of Tail Light) RH                        | PR3Z-13420-A         | 1    |           | Ford Dealer       |
| Trim (Top of Tail Light) LH                        | PR3Z-13420-B         | 1    |           | Ford Dealer       |
| 3rd Brake Light Assembly (Rain Light)              | DS7Z-13A613-C        | 1    |           | Ford Dealer       |
| Nut, M5                                            | W520200-S437         | 4    | 4.1       | Ford Dealer       |
| Zip Tie                                            | 26-684               | 5    |           | Kimball Midwest   |
| Headlamp Position Control Module                   | NL1Z-13K198-N        | 1    |           | Ford Dealer       |
| Headlamp Switch / Bezel                            | PR3Z-11654-AA        | 1    |           | Ford Dealer       |
| Rear Lamp Assembly RH                              | PR3Z-15A201-A        | 1    |           | Ford Dealer       |
| Rear Lamp Assembly LH                              | PR3Z-15A201-C        | 1    |           | Ford Dealer       |
| Fuel Pump Driver                                   | PR3Z-9D370-A         | 1    |           | Ford Dealer       |
| Nut, M6                                            | W705460-S437         | 1    | 10        | Ford Dealer       |
| Bolt / Washer, M6x35                               | W711973-S439         | 1    | 10        | Ford Dealer       |
| Steering Wheel Switch Plate Harness                | FP-14A664-AA         | 1    |           | PRS               |
| <b>Fluids</b>                                      | -                    | -    | -         | -                 |
| Gear Lube (Motorcraft 75W-85), 1 quart             | XY-75W85-QL          | 4    |           | Ford Dealer       |
| Transmission Fluid (Motorcraft Mercon LV), 1 quart | XT-10-QLVC           | 4    |           | Ford Dealer       |
| Oil (Motorcraft 5W-50), 1 quart                    | XO-5W50-QGT          | 15   |           | Ford Dealer       |
| Paint                                              | PMPC-19500-5920A     | 1    |           | Ford Dealer       |
| Brake Fluid, Brembo HTC64                          | 04816420             | 5    |           | Race Technologies |
| Green Loctite                                      | LOC1835205           | 0.2  |           | HRP               |
| Loctite Primer                                     | LOC494147            | 0.1  |           | HRP               |
| Blue Loctite                                       | TA-25B               | 1    |           | Ford Dealer       |
| Red Loctite                                        | TA-26                | 1    |           | Ford Dealer       |
| Plastic Welder II                                  | IT412                | 0.25 |           | R.S. Hughes       |
| <b>Safety Systems</b>                              | -                    | -    | -         | -                 |
| Safety Harness                                     | SAB-CFCI22100056     | 1    |           | HRP               |
| PIA, Eye Bolt, 7/16                                | N/A                  | 3    | 40        | HRP               |
| Fender Washer, 7/16-2.51 OD                        | 2.500-0.468-.3075S-Z | 1    |           | Global Fastener   |
| Nut, 7/16 - 20                                     | 348507               | 3    | 40        | Kimball Midwest   |
| Two-Piece Lock Collar, ID 1.75"                    | GEN-GA3277           | 2    |           | HRP               |
| Seat                                               | 071.38.0630-01       | 1    |           | Recaro            |
| PIA, Bolt (M20x20, Grade 10.9)                     | N/A                  | 4    | 22        | Recaro            |
| Button Head Bolt, M8-1.25x25                       | 2628989              | 4    | 35        | Kimball Midwest   |
| Bracket, Seat                                      | 7206293NA            | 1    |           | Recaro            |
| Button Head Bolt, M8-1.25x25 (Seat Bracket)        | 2628989              | 4    | 35        | Kimball Midwest   |
| Washer, M8 (Seat Bracket)                          | 45-3508              | 4    |           | Kimball Midwest   |
| Fire Suppression System                            | 014772MSL            | 1    |           | Sparco SPA        |
| PIA, Fire Bottle                                   | N/A                  | 1    |           | Sparco SPA        |
| PIA, Line Kit                                      | N/A                  | 1    |           | Sparco SPA        |
| PIA, Fire Bottle Mount                             | N/A                  | 1    |           | Sparco SPA        |

# Bill of Materials (Cont.)

| Part Description                                 | Part Number        | Qty | Torque Nm | Supplier        |
|--------------------------------------------------|--------------------|-----|-----------|-----------------|
| <b>Safety Systems</b>                            | -                  | -   | -         | -               |
| Fire Suppression System                          | 014772MSL          | 1   |           | Sparco SPA      |
| Bolt, M6x16                                      | W505253-S450L      | 13  | 10        | Ford Dealer     |
| Flange Nut, M6                                   | 46-15006           | 1   |           | Kimball Midwest |
| Grommet, 3/8" ID                                 | 26-814             | 1   |           | Kimball Midwest |
| P-Clamp, 1/2"                                    | 26464              | 5   |           | Kimball Midwest |
| P-Clamp, 3/8"                                    | 26463              | 5   |           | Kimball Midwest |
| Window Net Rod Kit                               | DHR-NETHRDWR       | 1   |           | Watson          |
| Nylock Nut, 3/8-24                               | 90101A245          | 1   | 40        | McMaster Carr   |
| Screw, 3/8x1.0x24                                | 91306A297          | 1   | 40        | McMaster Carr   |
| Driver Window Net                                | LCR-DH-LHWN        | 1   |           | Capaldi Racing  |
| Helmet Support Net, Right Side (Ratchet Release) | SFC-8011-KFIA      | 1   |           | HRP             |
| PIA, Net Assembly                                | N/A                | 1   |           | HRP             |
| PIA, Clip                                        | N/A                | 3   |           | HRP             |
| Two-Piece Lock Collar, ID 1.75"                  | GEN-GA3277         | 2   |           | HRP             |
| Windshield Washer Tubing, 3.5"                   | H459               | 1   |           | NAPA            |
| Zip Tie                                          | 26-680             | 3   |           | Kimball Midwest |
| Helmet Support Net, Left Side (Quick Release)    | SFC-8111-K-L-FIA   | 1   |           | HRP             |
| PIA, Net Assembly                                | N/A                | 1   |           | HRP             |
| PIA, Clip                                        | N/A                | 3   |           | HRP             |
| PIA, Jam Nut                                     | N/A                | 1   |           | HRP             |
| Roll Bar Padding Kit                             | DHR-ROLLBARPAD-MOD | 1   |           | Watson          |
| Roll Bar Padding                                 | BSCI-78001         | 1   |           | HRP             |
| PIA, A Pillar, 25in                              | N/A                | 1   |           | HRP             |
| PIA, A Pillar Support Upper, 9.5in               | N/A                | 1   |           | HRP             |
| PIA, A Pillar Support Lower, 20.5in              | N/A                | 1   |           | HRP             |
| PIA, Header, 10in                                | N/A                | 1   |           | HRP             |
| PIA, Roof Bar Forward, 22in                      | N/A                | 1   |           | HRP             |
| PIA, Door Bar Upper, 4in                         | N/A                | 1   |           | HRP             |
| PIA, Door Bar Lower, 7.5in                       | N/A                | 1   |           | HRP             |
| PIA, Roof Bar Rear, 19in                         | N/A                | 1   |           | HRP             |
| Zip Tie (28")                                    | 73125312           | 15  |           | MSC             |
| Ballast Kit                                      | DHR WEIGHT BOX     | 1   |           | Watson          |
| Ballast Mount (7.9 lbs)                          | 200171-14-0000     | 1   |           | Watson          |
| Ballast Plate, 2.5mm (1.9 lbs)                   | 20017-03-0062      | 2   |           | Watson          |
| Ballast Plate, 5mm (3.8 lbs)                     | 20017-03-0064      | 2   |           | Watson          |
| Ballast Plate, 10mm (7.6 lbs)                    | 20017-03-0066      | 2   |           | Watson          |
| Ballast Cover (Clear)                            | 20017-03-0182AA01  | 1   |           | Technosports    |
| Button Head Socket Cap, M10-1.5x20               | 4653291            | 2   | 35        | Kimball Midwest |
| Flat Washer, M10                                 | 453510             | 2   |           | Kimball Midwest |
| Button Head Socket Cap, M8-1.25x45               | 2628990            | 1   | 22        | Kimball Midwest |
| Button Head Socket Cap, M8-1.25x                 | 2628989            | 2   | 22        | Kimball Midwest |
| Flange Nut, M8-1.25                              | 4615008            | 2   | 22        | Kimball Midwest |
| Flat Washer, M8                                  | 453508             | 3   |           | Kimball Midwest |
| Rear Seat Tray                                   | 13052-09-1158      | -   |           | Technosports    |
| Rear Seat Tray Hardware Kit                      | DHR-RSTMNTHRDWR    | 1   |           | Technosports    |
| Bottom Headcap Screw, M10-1.5x20                 | 4653291            | 4   |           | Kimball Midwest |
| Flat Washer, M10                                 | 453510             | 4   |           | Kimball Midwest |
| Flange Nut, M10-1.5                              | 46-15010           | 1   |           | Kimball Midwest |



# Additional Parts

| Part Description                                            | Part Number      | Qty | Torque Nm | Supplier     |
|-------------------------------------------------------------|------------------|-----|-----------|--------------|
| Pigtail - Fuel Injector (Port)                              | 5U2Z-14S411-ZB   | -   |           | Ford Dealer  |
| Pigtail - APP                                               | 9U2Z-14S411-BC   | -   |           | Ford Dealer  |
| Pigtail - Throttle Position (TP)                            | AU2Z-14S411-MA   | -   |           | Ford Dealer  |
| Pigtail - AAT                                               | AU2Z-14S411-AGC  | -   |           | Ford Dealer  |
| Pigtail - Variable Camshaft Timing (VCT) Solenoid           | AU2Z-14S411-DB   | -   |           | Ford Dealer  |
| Pigtail - Fuel Rail Pressure (Direct)                       | CU2Z-14S411-AVB  | -   |           | Ford Dealer  |
| Pigtail - CPP Travel                                        | CU2Z-14S411-AGB  | -   |           | Ford Dealer  |
| Pigtail - PEM                                               | DU2Z-14S411-CA   | -   |           | Ford Dealer  |
| Pigtail - HP Fuel Pump                                      | EU2Z-14S411-MB   | -   |           | Ford Dealer  |
| Pigtail - CHT                                               | GU2Z-14S411-KA   | -   |           | Ford Dealer  |
| Pigtail - Cam Shaft Position                                | HU2Z-14S411-BA   | -   |           | Ford Dealer  |
| Pigtail - Crankshaft Position                               | HU2Z-14S411-BA   | -   |           | Ford Dealer  |
| Pigtail - Engine Oil Pressure (EOP)                         | HU2Z-14S411-BA   | -   |           | Ford Dealer  |
| Pigtail - Intake Manifold Runner Controller (IMRC) Position | HU2Z-14S411-BA   | -   |           | Ford Dealer  |
| Pigtail - Knock Sensor                                      | JU2Z-14S411-TA   | -   |           | Ford Dealer  |
| Pigtail - Fuel Rail Pressure/Temp (Port)*                   | JU2Z-14S411-CA   | -   |           | Ford Dealer  |
| Pigtail - MAF/IAT                                           | JU2Z-14S411-ACA  | -   |           | Ford Dealer  |
| Pigtail - MAP                                               | JU2Z-14S411-ACA  | -   |           | Ford Dealer  |
| Pigtail - Ignition Coil                                     | KU2Z-14S411-BA   | -   |           | Ford Dealer  |
| Pigtail - Cooling Fan Relay Holder                          | LU2Z-14S411-GA   | -   |           | Ford Dealer  |
| Pigtail - Fuel Injector (Direct) Harness BNK 1 - RH         | MU5Z-14A411-LA   | -   |           | Ford Dealer  |
| Pigtail - Fuel Injector (Direct) Harness BNK 2 - LH         | MU5Z-14A411-MA   | -   |           | Ford Dealer  |
| HP Fuel Pump - Tube Assembly                                | PR3Z-9J323-A     | -   |           | Ford Dealer  |
| Axle Seal                                                   | AL3Z-4B416-A     | -   |           | Ford Dealer  |
| Crankshaft Position Sensor                                  | JR3Z-6C315-A     | -   |           | Ford Dealer  |
| Ignition Coil A                                             | JR3Z-12029-A     | -   |           | Ford Dealer  |
| Ignition Coil B                                             | JR3Z-12029-B     | -   |           | Ford Dealer  |
| Spark Plug                                                  | CYFS-12Y-T6      | -   |           | Ford Dealer  |
| Ignition Wire                                               | JR3Z-12286-A     | -   |           | Ford Dealer  |
| Throttle Body and Motor Assembly                            | JL3Z-9E926-A     | -   |           | Ford Dealer  |
| Water Pump                                                  | BR3Z-8501-S      | -   |           | Ford Dealer  |
| Tube - Heater Water                                         | PR3Z-18663-A     | -   |           | Ford Dealer  |
| Seat Plate Mounting Kit                                     | DHR-SEATBRKT-KIT |     |           | Technosports |

# Change Log

| Version # | Date      | Summary of Changes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1         | 2.24.2025 | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2         | 3.10.2025 | <ul style="list-style-type: none"> <li>Added picture of Optional Heat Shield</li> <li>Added Front/Rear Fascia Mount Repair to Appendix</li> <li>Added Splitter Height reference point to Appendix</li> <li>Updated ToC and version #</li> </ul>                                                                                                                                                                                                                                                                                                                                                              |
| 2.5       | 3.12.2025 | <ul style="list-style-type: none"> <li>Added "Anti Roll Bar and Adjustable Drop Link must be connected" (pg. 27)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 3         | 4.8.2025  | <ul style="list-style-type: none"> <li>Updated Clutch Pressure Plate part number to FP-7563-DHRA (pg. 38)</li> <li>Updated Clutch Disc part number to FP-7550-DHRA (pg. 38)</li> <li>Changed Throwout Bearing part number to MR3Z-7A508-A (pg. 38)</li> <li>Updated Clutch Flywheel picture (pg. 38)</li> <li>Updated Pressure Plate Hardware picture (pg. 38)</li> <li>Added Clutch Spacer Kit (FP-7500-DHR) (pg. 38)</li> <li>Updated Master Power Panel / Upper Switch Harness part numbers to DHR-MSTR-PWR-PNL / FP-14401-CA (pg. 48)</li> <li>Updated BOM</li> <li>Updated ToC and version #</li> </ul> |
| 3.1       | 4.17.2025 | <ul style="list-style-type: none"> <li>Added "ONLY if Ballast is not required" to Alternate Driver Cooling System Mount Location (pg. 82)</li> <li>Update "Incident Data Recorder Location" picture (pg.79)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                       |
|           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |