



# 2022 / 2023 PRODUCT CATALOGUE



# ABOUT DBA SILENCING

DBA Silencing is a private company headquartered in Port Alberni, British Columbia. It is a family business that was built up over several decades by Archie and Shirley Cardinal, and then run for a number of years by their daughter Tina. The firm's current management team includes Cydney Pedersen, Archie and Shirley's granddaughter, who represents a third generation at the helm.

DBA provides exhaust, air intake, and coolant components for the following industries: mining, logging, and marine. Many of the parts we offer are standard items, but we also solve problems for our clients by developing and manufacturing custom systems.

## FIVE FEATURES THAT SET DBA COMPONENTS APART

### VALUE

Companies that order from DBA save substantially on component costs. And, contrary to what you might assume, DBA parts don't sacrifice longevity for affordability.

### PERFORMANCE

Simply put, DBA parts do the job. Our designs have often been refined following feedback from the field, and that's one of the reasons we consistently get top marks on product effectiveness in our customer satisfaction surveys.

### SAFETY

Some operators mistakenly believe that heavy, double-wall parts are the best way to beat the heat when it comes to exhaust systems. Wrong. DBA's single-shell components are insulated in such a way that surface temperatures remain well below the flash point for oils. You can actually touch an insulated DBA exhaust pipe while it's in operation and, unlike with other systems, you won't leave your skin behind. It's this level of protection that has led several insurance companies to insist on the use of DBA parts at mine sites they're underwriting.

### CONVENIENCE

Some systems are so heavy that mechanics are forced to put them in with a crane. DBA avoids this problem by segmenting its systems, thus making the swap-out process much simpler. DBA parts are also superior to blankets in this regard; most mechanics loathe blankets because not only are they fragile, fiddly, and expensive, but their installation often requires irritatingly awkward acrobatics.

### DURABILITY

DBA parts are quality units, and some components will function optimally for decades. That said, the vehicles we outfit are often subjected to a great deal of abuse. Mining trucks, for instance, have to contend with bouncing and vibration as well as temperature extremes and clogging agents such as mud. The severity of these factors is of course correlated with the replacement timeline for any given part, but most DBA products will endure even the toughest conditions for one to three years. While it's difficult to warranty equipment under these circumstances, DBA does stand behind everything it ships and will happily replace any items that develop issues within a month or two of seeing action.

**DBA SILENCING IS PROUD TO PROVIDE PARTS TO**



**CATERPILLAR**



**KOMATSU**

**LIEBHERR**



**Teck**

# TABLE OF CONTENTS

|                                                |               |
|------------------------------------------------|---------------|
| <b>AIR INTAKE KITS .....</b>                   | <b>4</b>      |
| KOMATSU 830E                                   | 4             |
| KOMATSU 930E                                   | 10            |
| <br><b>COOLANT SYSTEMS .....</b>               | <br><b>15</b> |
| FOR CUMMINS & DETROIT ENGINES                  | 15            |
| <br><b>EXHAUST KITS .....</b>                  | <br><b>23</b> |
| CATERPILLAR                                    | 23            |
| KOMATSU 630 / 170D                             | 25            |
| KOMATSU 830E                                   | 27            |
| KOMATSU 930E                                   | 36            |
| <br><b>MUFFLERS .....</b>                      | <br><b>46</b> |
| <br><b>EXHAUST ACCESSORIES .....</b>           | <br><b>54</b> |
| EXHAUST ELBOWS                                 | 55            |
| EXHAUST REDUCERS                               | 58            |
| EXHAUST STACKS                                 | 59            |
| EXHAUST TUBING                                 | 62            |
| V-BAND CONNECTOR KITS                          | 63            |
| <br><b>BELLOWS .....</b>                       | <br><b>64</b> |
| <br><b>CLAMPS .....</b>                        | <br><b>67</b> |
| <br><b>RUBBER HUMP HOSE &amp; ELBOWS .....</b> | <br><b>70</b> |
| <br><b>MISC. ....</b>                          | <br><b>73</b> |

# AIR INTAKE KITS

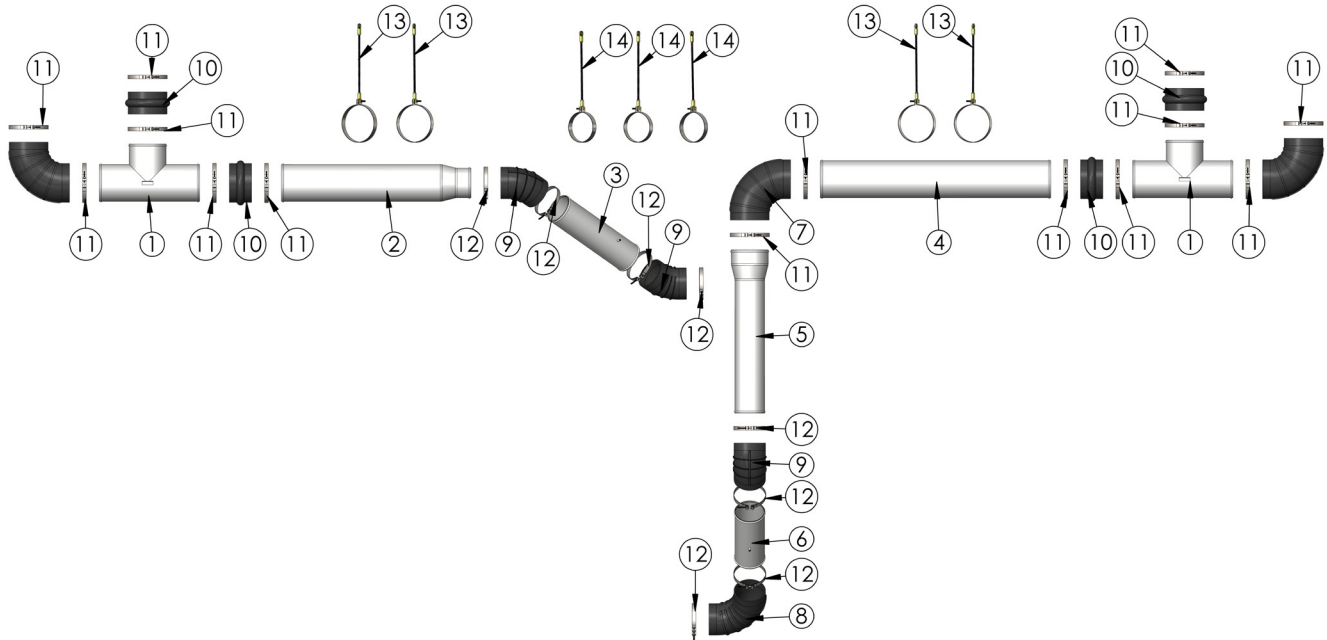
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**KOMATSU 830E**



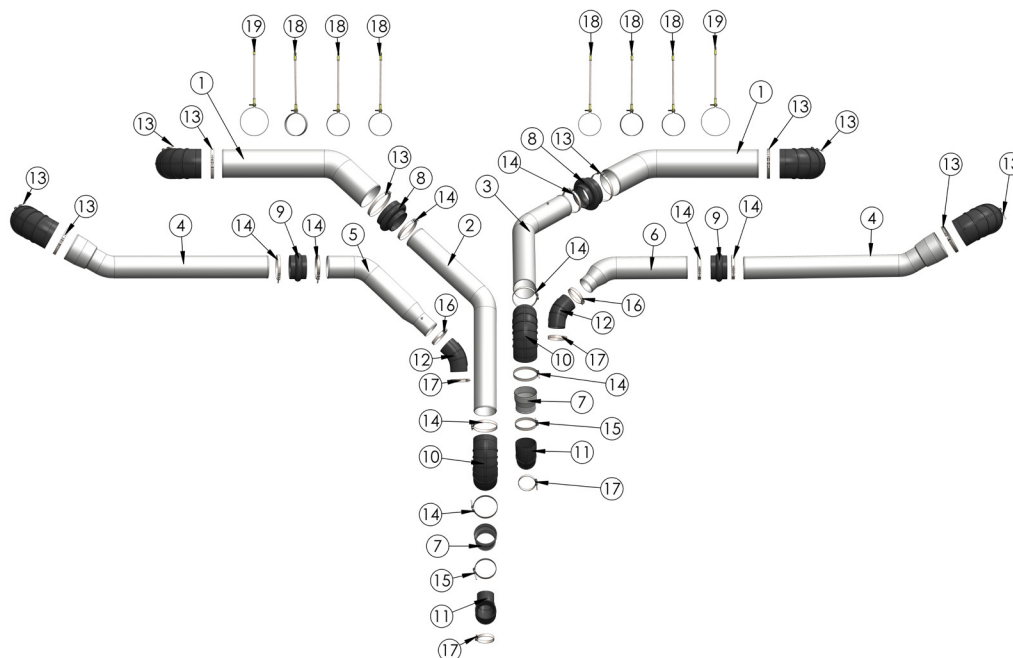
# KOMATSU 830E CUMMINS K2000

## AIR INTAKE SYSTEM



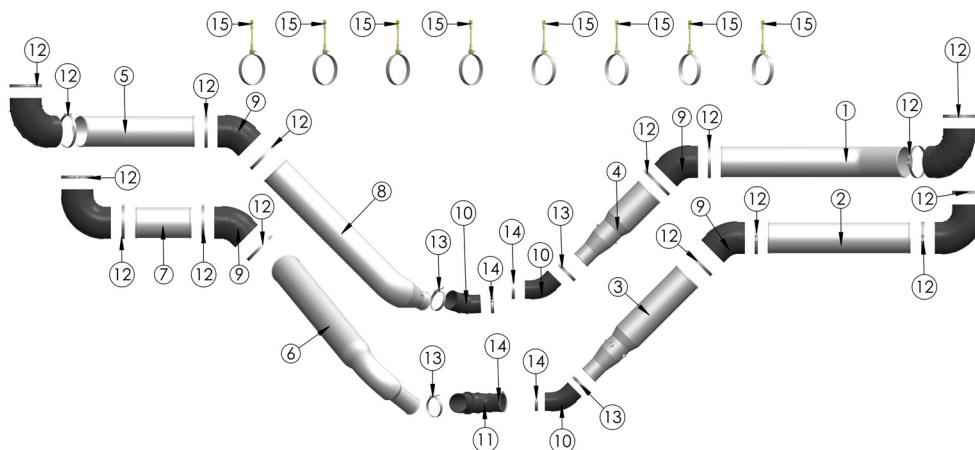
| LABEL # | PART #         | DESCRIPTION                       | QTY      |
|---------|----------------|-----------------------------------|----------|
| 1       | 830-1-IS       | 10" Manifold Pipe To Air Canister | 2        |
| 2       | 830-2-IS       | 10" To 8" Reducing Mid Pipe       | 1        |
| 3       | 830-3-IS       | 8" Pipe To Front Turbo            | 1        |
| 4       | 830-4-IS       | 10" Pipe From Manifold            | 1        |
| 5       | 830-5-IS       | 10" To 8" Reducing Mid Pipe       | 1        |
| 6       | 830-6-IS       | 8" Pipe To Rear Turbo             | 1        |
| 7       | RL1090         | 10" 90° Rubber Elbow              | 1        |
| 8       | RL890          | 8" 90° Rubber Elbow               | 1        |
| 9       | RL845          | 8" 45° Rubber Elbow               | 3        |
| 10      | HH10           | 10" Straight Rubber Hump Hose     | 4        |
| 11      | 262 275        | 10" Hose Clamps                   | 14       |
| 12      | 213 226        | 8" Hose Clamps                    | 8        |
| 13      | HAK10          | 10" Pipe Hanger Kit               | 4        |
| 14      | HAK8           | 8" Pipe Hanger Kit                | 3        |
|         | <b>830-K2A</b> | <b>COMPLETE AIR INTAKE SYSTEM</b> | <b>1</b> |

# KOMATSU 830E CUMMINS QSK 60 STAGE ONE AIR INTAKE SYSTEM



| LABEL # | PART #        | DESCRIPTION                                         | QTY      |
|---------|---------------|-----------------------------------------------------|----------|
| 1       | 8361AS-1      | 10" Driver & Passenger Side Air Canister Pipe       | 2        |
| 2       | 8361AS-2      | 8" Driver Side Connector Pipe                       | 1        |
| 3       | 8361AS-3      | 8" Passenger Side Connector Pipe                    | 1        |
| 4       | 8361AS-4      | 10" To 8" Driver & Passenger Side Air Canister Pipe | 2        |
| 5       | 8361AS-5      | 8" To 6" Driver Side Turbo Connector                | 1        |
| 6       | 8361AS-6      | 8" To 6" Passenger Side Turbo Connector             | 1        |
| 7       | 8361AS-7      | 8" To 7" Driver & Passenger Side Steel Reducer      | 2        |
| 8       | HHR108        | 10" To 8" Reducing Rubber Hump Hose                 | 2        |
| 9       | HH8           | 8" Straight Rubber Hump Hose                        | 2        |
| 10      | RL890         | 8" 90° Rubber Elbow                                 | 2        |
| 11      | RL75590       | 7" To 5.5" 90° Rubber Elbow                         | 2        |
| 12      | RL65545       | 6" To 5.5" 45° Rubber Elbow                         | 2        |
| 13      | 262 275       | 10" Hose Clamps                                     | 10       |
| 14      | 213 226       | 8" Hose Clamps                                      | 10       |
| 15      | 187 200       | 7" Hose Clamps                                      | 2        |
| 16      | 162 174       | 6" Hose Clamps                                      | 2        |
| 17      | 150 162       | 5.5" Hose Clamps                                    | 4        |
| 18      | HAK8          | 8" Pipe Hanger Kit                                  | 6        |
| 19      | HAK10         | 10" Pipe Hanger Kit                                 | 2        |
|         | <b>8361AS</b> | <b>COMPLETE AIR INTAKE SYSTEM</b>                   | <b>1</b> |

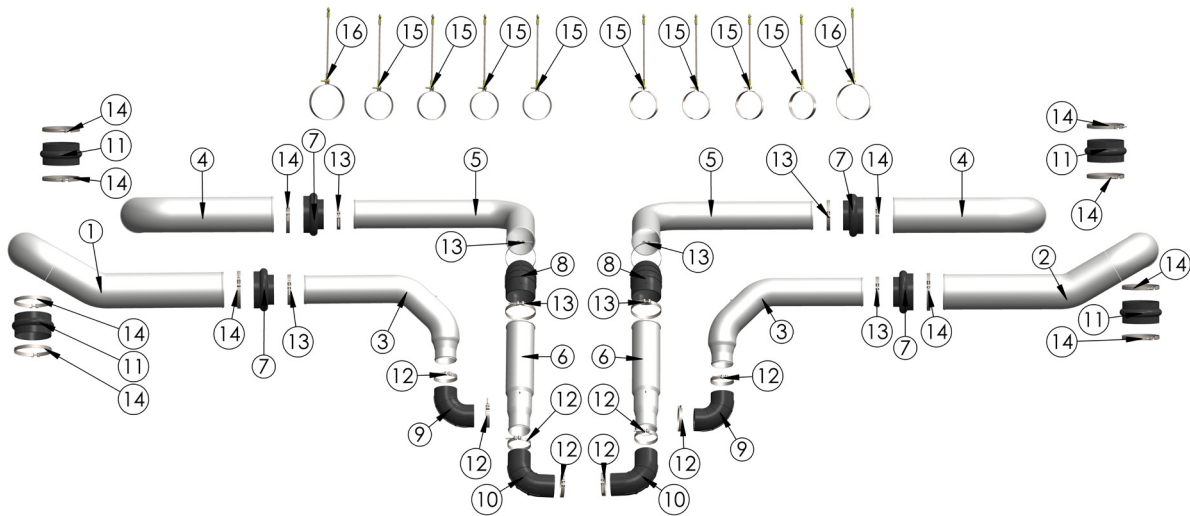
# KOMATSU 830E CUMMINS QSK 60 STAGE TWO AIR INTAKE SYSTEM



| LABEL # | PART #        | DESCRIPTION                                    | QTY      |
|---------|---------------|------------------------------------------------|----------|
| 1       | 832QSA-1      | Outer Passenger Side Air Canister Pipe         | 1        |
| 2       | 832QSA-2      | Inner Passenger Side Air Canister Pipe         | 1        |
| 3       | 832QSA-3      | 10" To 6" Reducing Passenger Rear Turbo Pipe   | 1        |
| 4       | 832QSA-4      | 10" To 6" Reducing Passenger Front Turbo Pipe  | 1        |
| 5       | 832QSA-5      | Outer Driver Side Air Canister Pipe            | 1        |
| 6       | 832QSA-6      | 10" To 6" Reducing Driver Side Rear Turbo Pipe | 1        |
| 7       | 832QSA-7      | Inner Driver Side Air Canister Pipe            | 1        |
| 8       | 832QSA-8      | 10" To 6" Reducing Left Front Turbo Pipe       | 1        |
| 9       | RL1045        | 10" 45° Rubber Elbow                           | 4        |
| 10      | RL65545       | 6" To 5.5" 45° Reducing Rubber Elbow           | 3        |
| 11      | RL65590       | 6" To 5.5" 90° Reducing Rubber Elbow           | 1        |
| 12      | 262 275       | 10" Hose Clamps                                | 16       |
| 13      | 162 174       | 6" Hose Clamps                                 | 4        |
| 14      | 150 162       | 5.5" Hose Clamps                               | 4        |
| 15      | HAK10         | 10" Pipe Hanger Kit                            | 8        |
|         | <b>832QSA</b> | <b>COMPLETE AIR INTAKE SYSTEM</b>              | <b>1</b> |

# KOMATSU 830E DETROIT DIESEL 12V 4000

## AIR INTAKE SYSTEM

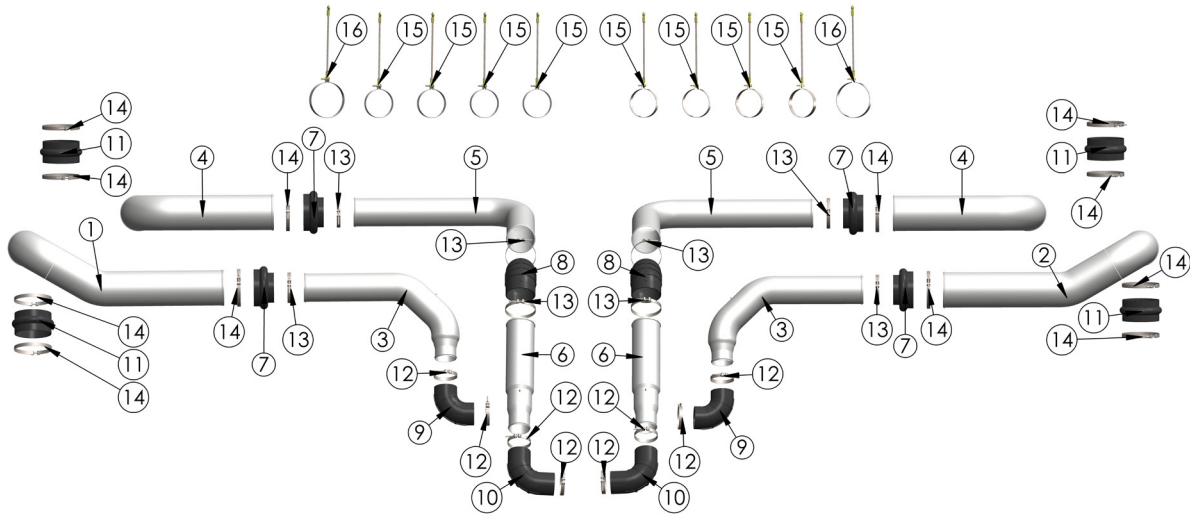


| LABEL # | PART #          | DESCRIPTION                                      | QTY      |
|---------|-----------------|--------------------------------------------------|----------|
| 1       | 83124-01L       | Driver Side 10" Canister Crossover Pipe          | 1        |
| 2       | 83124-01R       | Passenger Side 10" Canister Crossover Pipe       | 1        |
| 3       | 83124-02        | 8" To 6" Double 45° Reducing Pipe To Front Turbo | 2        |
| 4       | 83124-03        | 10" 90° Canister Pipe                            | 2        |
| 5       | 83124-04        | 8" 90° Mid Pipe To Rear Turbo                    | 2        |
| 6       | 83124-05        | 8" To 6" Reducing Pipe To Rear Turbo             | 2        |
| 7       | HHR108          | 10" To 8" Reducing Rubber Hump Hose              | 4        |
| 8       | RL845           | 8" 45° Rubber Elbow                              | 2        |
| 9       | RL690           | 6" 90° Rubber Elbow                              | 2        |
| 10      | 90HL6X          | 6" 90° Rubber Elbow With Long Leg                | 2        |
| 11      | HH10            | 10" Straight Rubber Hump Hose                    | 4        |
| 12      | 162 174         | 6" Hose Clamps                                   | 8        |
| 13      | 213 226         | 8" Hose Clamps                                   | 8        |
| 14      | 262 275         | 10" Hose Clamps                                  | 12       |
| 15      | HAK8            | 8" Pipe Hanger Kit                               | 8        |
| 16      | HAK10           | 10" Pipe Hanger Kit                              | 2        |
|         | <b>8312V4AS</b> | <b>COMPLETE AIR INTAKE SYSTEM</b>                | <b>1</b> |



# KOMATSU 830E DETROIT DIESEL 16V 4000

## AIR INTAKE SYSTEM



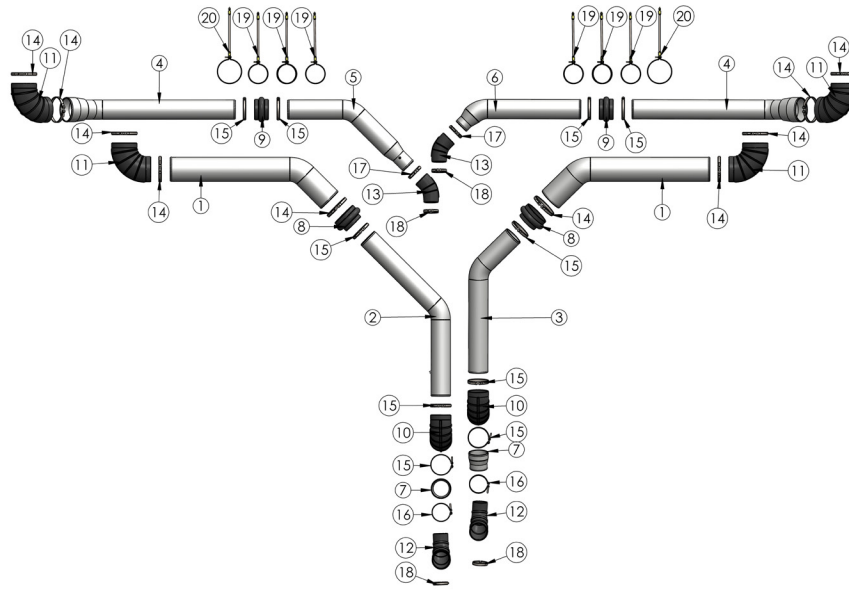
| <b>LABEL #</b> | <b>PART #</b>   | <b>DESCRIPTION</b>                               | <b>QTY</b> |
|----------------|-----------------|--------------------------------------------------|------------|
| 1              | 83164-01L       | Driver Side 10" Canister Crossover Pipe          | 1          |
| 2              | 83164-01R       | Passenger Side 10" Canister Crossover Pipe       | 1          |
| 3              | 83164-02        | 8" To 6" Double 45° Reducing Pipe To Front Turbo | 2          |
| 4              | 83164-03        | 10" 90° Canister Pipe                            | 2          |
| 5              | 83164-04        | 8" 90° Mid Pipe To Rear Turbo                    | 2          |
| 6              | 83164-05        | 8" To 6" Reducing Pipe To Rear Turbo             | 2          |
| 7              | HHR108          | 10" To 8" Reducing Rubber Hump Hose              | 4          |
| 8              | RL845           | 8" 45° Rubber Elbow                              | 2          |
| 9              | RL690           | 6" 90° Rubber Elbow                              | 2          |
| 10             | 90HL6X          | 6" 90° Rubber Elbow With Long Leg                | 2          |
| 11             | HH10            | 10" Straight Rubber Hump Hose                    | 4          |
| 12             | 162 174         | 6" Hose Clamps                                   | 8          |
| 13             | 213 226         | 8" Hose Clamps                                   | 8          |
| 14             | 262 275         | 10" Hose Clamps                                  | 12         |
| 15             | HAK8            | 8" Pipe Hanger Kit                               | 8          |
| 16             | HAK10           | 10" Pipe Hanger Kit                              | 2          |
|                | <b>8316V4AS</b> | <b>COMPLETE AIR INTAKE SYSTEM</b>                | <b>1</b>   |

# AIR INTAKE KITS

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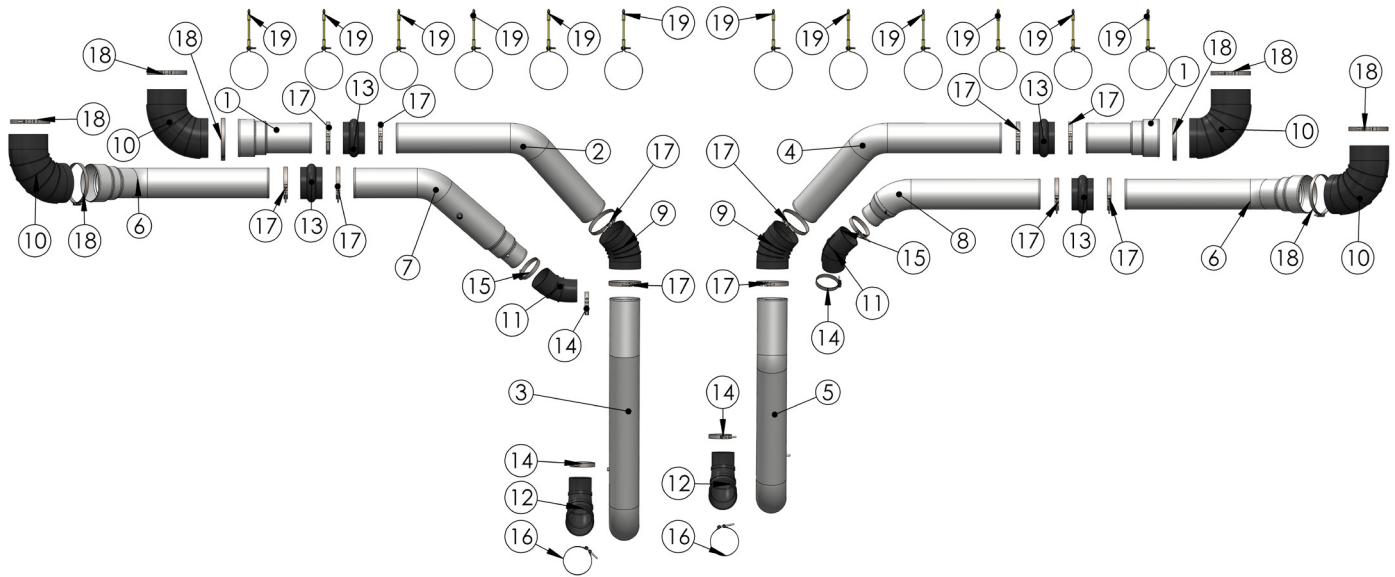
**KOMATSU 930E**

# KOMATSU 930E-1-2-3 CUMMINS QSK 60 STAGE ONE AIR INTAKE SYSTEM



| <b>LABEL #</b> | <b>PART #</b>    | <b>DESCRIPTION</b>                                  | <b>QTY</b> |
|----------------|------------------|-----------------------------------------------------|------------|
| 1              | 9361A-3-01       | 10" Air Canister Pipe Driver & Passenger Side       | 2          |
| 2              | 9361A-3-02       | 8" Mid Pipe Driver Side Rear Turbo                  | 1          |
| 3              | 9361A-3-03       | 8" Mid Pipe Passenger Side Rear Turbo               | 1          |
| 4              | 9361A-3-04       | 10" To 8" Air Canister Pipe Driver & Passenger Side | 2          |
| 5              | 9361A-3-05       | 8" To 6" Reducing Pipe To Front Driver Side         | 1          |
| 6              | 9361A-3-06       | 8" To 6" Reducing Pipe To Front Passenger Side      | 1          |
| 7              | 9361A-3-07       | 8" To 7" Steel Driver & Passenger Side Reducer      | 2          |
| 8              | HHR108           | 10" To 8" Reducing Rubber Hump Hose                 | 2          |
| 9              | HH8              | 8" Straight Rubber Hump Hose                        | 2          |
| 10             | RL890            | 8" 90° Rubber Elbow                                 | 2          |
| 11             | RL1090           | 10" 90° Rubber Elbow                                | 4          |
| 12             | RL75590          | 7" To 5.5" 90° Reducing Rubber Elbow                | 2          |
| 13             | RL65545          | 6" To 5.5" 45° Reducing Rubber Elbow                | 2          |
| 14             | 262 275          | 10" Hose Clamps                                     | 10         |
| 15             | 213 226          | 8" Hose Clamps                                      | 10         |
| 16             | 187 200          | 7" Hose Clamps                                      | 2          |
| 17             | 162 174          | 6" Hose Clamps                                      | 2          |
| 18             | 150 162          | 5.5" Hose Clamps                                    | 4          |
| 19             | HAK8             | 8" Pipe Hanger Kit                                  | 6          |
| 20             | HAK10            | 10" Pipe Hanger Kit                                 | 2          |
|                | <b>9361A-3KT</b> | <b>COMPLETE AIR INTAKE SYSTEM</b>                   | <b>1</b>   |

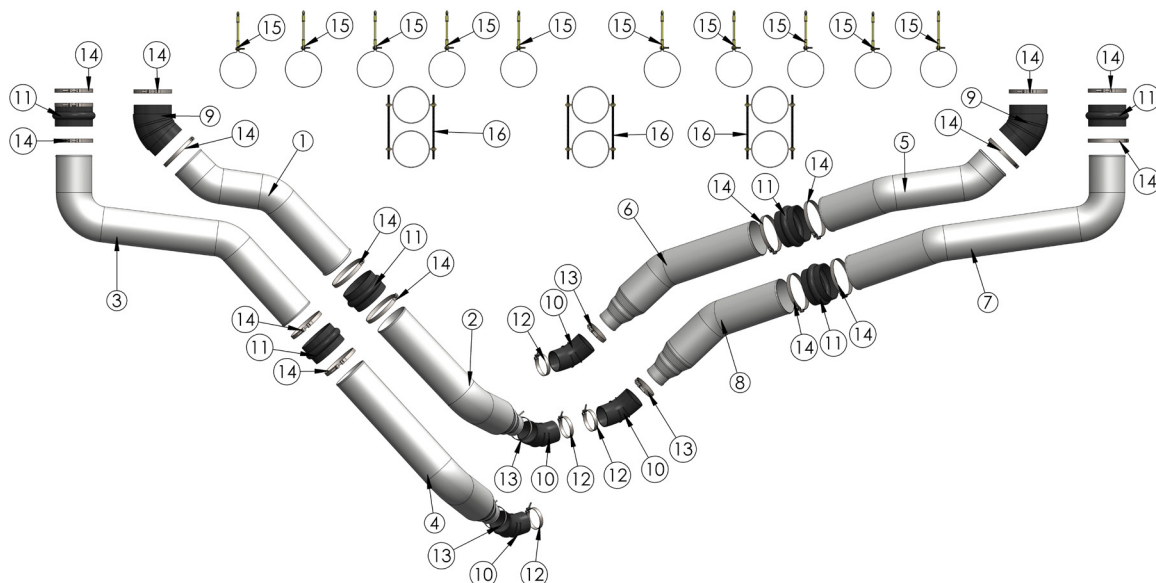
# KOMATSU 930E-2 CUMMINS QSK 60 STAGE ONE AIR INTAKE SYSTEM



| LABEL # | PART #         | DESCRIPTION                                         | QTY      |
|---------|----------------|-----------------------------------------------------|----------|
| 1       | QSK1932-01F    | 10" To 8" Air Canister Pipe Driver & Passenger Side | 2        |
| 2       | QSK1932-02F    | 8" 45° Driver Side Mid Pipe                         | 1        |
| 3       | QSK1932-03F    | 8" To 7" Reducing Pipe Driver Side Rear Turbo       | 1        |
| 4       | QSK1932-04F    | 8" 45° Passenger Side Mid Pipe                      | 1        |
| 5       | QSK1932-05F    | 8" To 7" Reducing Pipe Passenger Side Rear Turbo    | 1        |
| 6       | QSK1932-06F    | 10" To 8" Long Air Canister Pipe                    | 2        |
| 7       | QSK1932-07F    | Driver Side Front Turbo Pipe                        | 1        |
| 8       | QSK1932-08F    | Passenger Side Front Turbo Pipe                     | 1        |
| 9       | RL845          | 8" 45° Rubber Elbow                                 | 2        |
| 10      | RL1090         | 10" 90° Rubber Elbow                                | 4        |
| 11      | RL65545        | 6" To 5.5" 45° Reducing Rubber Elbow                | 2        |
| 12      | RL75590        | 7" To 5.5" 90° Reducing Rubber Elbow                | 2        |
| 13      | HH8            | 8" Straight Rubber Hump Hose                        | 4        |
| 14      | 150 162        | 5.5" Hose Clamps                                    | 4        |
| 15      | 162 174        | 6" Hose Clamps                                      | 2        |
| 16      | 187 200        | 7" Hose Clamps                                      | 2        |
| 17      | 213 226        | 8" Hose Clamps                                      | 12       |
| 18      | 262 275        | 10" Hose Clamps                                     | 8        |
| 19      | HAK8           | 8" Pipe Hanger Kit                                  | 12       |
|         | <b>QSK1932</b> | <b>COMPLETE AIR INTAKE SYSTEM</b>                   | <b>1</b> |

**Note:** This kit is designed to fit the older 930 fender mount system that vents both exhaust pipes out the passenger side.

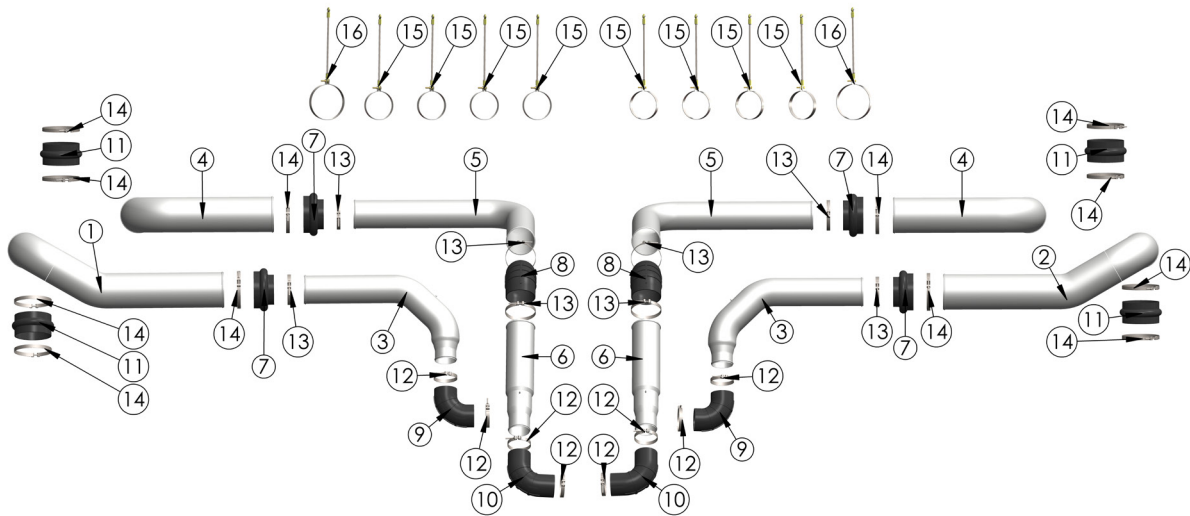
# KOMATSU 930E-4 CUMMINS QSK 60 STAGE TWO AIR INTAKE SYSTEM



| <b>LABEL #</b> | <b>PART #</b>  | <b>DESCRIPTION</b>                            | <b>QTY</b> |
|----------------|----------------|-----------------------------------------------|------------|
| 1              | 933QSK2-A1     | 10" To 10" Driver Side Inner Canister Pipe    | 1          |
| 2              | 933QSK2-A2     | 10" To 6" Driver Side Front Reducing Pipe     | 1          |
| 3              | 933QSK2-A3     | 10" To 10" Driver Side Outer Canister Pipe    | 1          |
| 4              | 933QSK2-A4     | 10" To 6" Driver Side Rear Reducing Pipe      | 1          |
| 5              | 933QSK2-A5     | 10" To 10" Passenger Side Inner Canister Pipe | 1          |
| 6              | 933QSK2-A6     | 10" To 6" Passenger Side Front Reducing Pipe  | 1          |
| 7              | 933QSK2-A7     | 10" To 10" Passenger Side Outer Canister Pipe | 1          |
| 8              | 933QSK2-A8     | 10" To 6" Passenger Side Rear Reducing Pipe   | 1          |
| 9              | RL1045         | 10" 45° Rubber Elbow                          | 2          |
| 10             | RL65545        | 6" To 5.5" 45° Reducing Rubber Elbow          | 4          |
| 11             | HH10           | 10" Straight Rubber Hump Hose                 | 6          |
| 12             | 150 162        | 5.5" Hose Clamps                              | 4          |
| 13             | 162 174        | 6" Hose Clamps                                | 4          |
| 14             | 262 275        | 10" Hose Clamps                               | 16         |
| 15             | HAK10          | 10" Pipe Hanger Kit                           | 10         |
| 16             | SPBK10         | Spacer Bracket For Air Canister Pipes         | 3          |
|                | <b>933QSK2</b> | <b>COMPLETE AIR INTAKE SYSTEM</b>             | <b>1</b>   |



# KOMATSU 930E-1-2-3 DETROIT DIESEL 16V 4000 AIR INTAKE SYSTEM



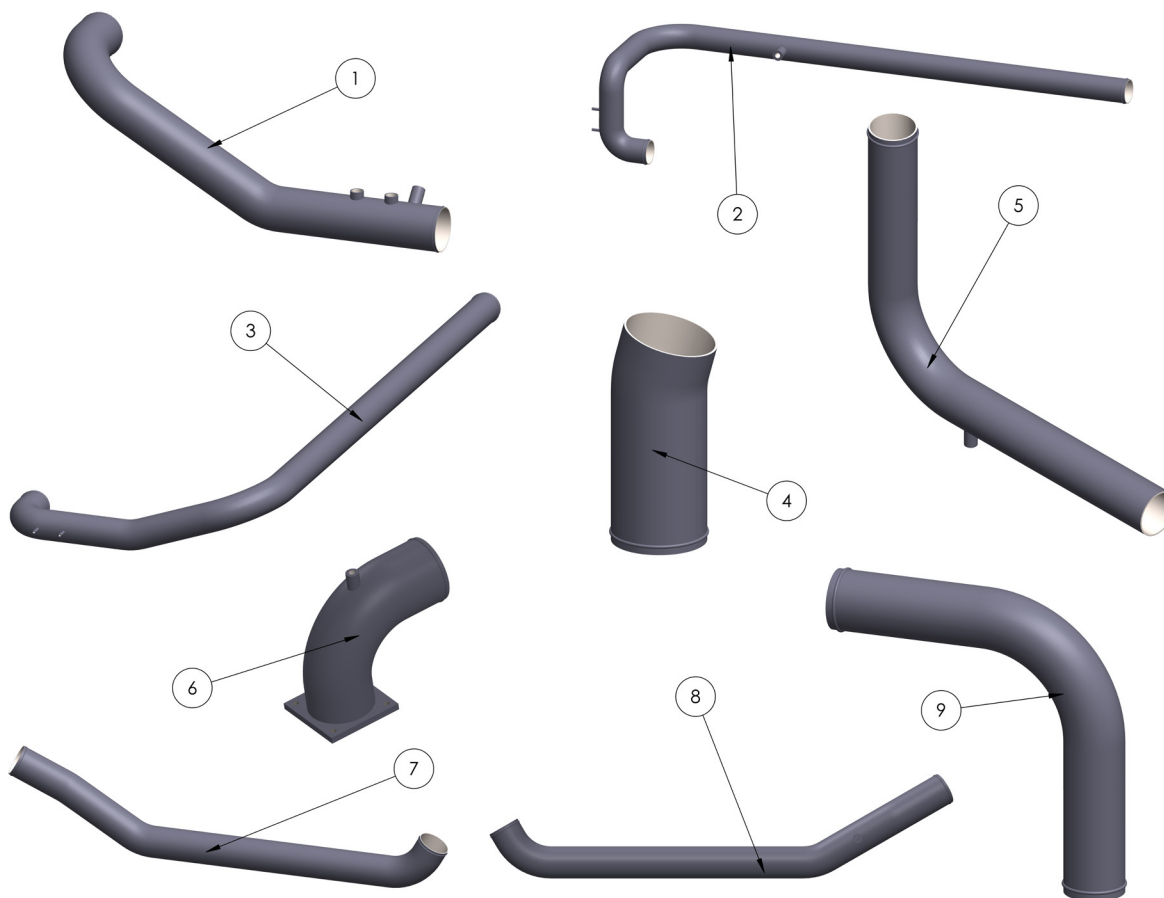
| LABEL # | PART #       | DESCRIPTION                                   | QTY      |
|---------|--------------|-----------------------------------------------|----------|
| 1       | 93164-01L    | Driver Side 10" Outer Canister Pipe           | 1        |
| 2       | 93164-01R    | Passenger Side 10" Outer Canister Pipe        | 1        |
| 3       | 93164-02     | 8" To 6" Double 45° Reducing Pipe Front Turbo | 2        |
| 4       | 93164-03     | 10" 90° Inner Canister Pipe                   | 2        |
| 5       | 93164-04     | 8" 90° Mid Pipe To Rear Turbo                 | 2        |
| 6       | 93164-05     | 8" To 6" Reducing Pipe To Rear Turbo          | 2        |
| 7       | HHR108       | 10" To 8" Reducing Rubber Hump Hose           | 4        |
| 8       | RL845        | 8" 45° Rubber Elbow                           | 2        |
| 9       | RL690        | 6" 90° Rubber Elbow                           | 2        |
| 10      | 90HL6X       | 6" 90° Rubber Elbow With Long Leg             | 2        |
| 11      | HH10         | 10" Straight Rubber Hump Hose                 | 4        |
| 12      | 162 174      | 6" Hose Clamps                                | 8        |
| 13      | 213 226      | 8" Hose Clamps                                | 8        |
| 14      | 262 275      | 10" Hose Clamps                               | 12       |
| 15      | HAK8         | 8" Pipe Hanger Kit                            | 8        |
| 16      | HAK10        | 10" Pipe Hanger Kit                           | 2        |
|         | <b>93164</b> | <b>COMPLETE AIR INTAKE SYSTEM</b>             | <b>1</b> |

# COOLANT SYSTEMS

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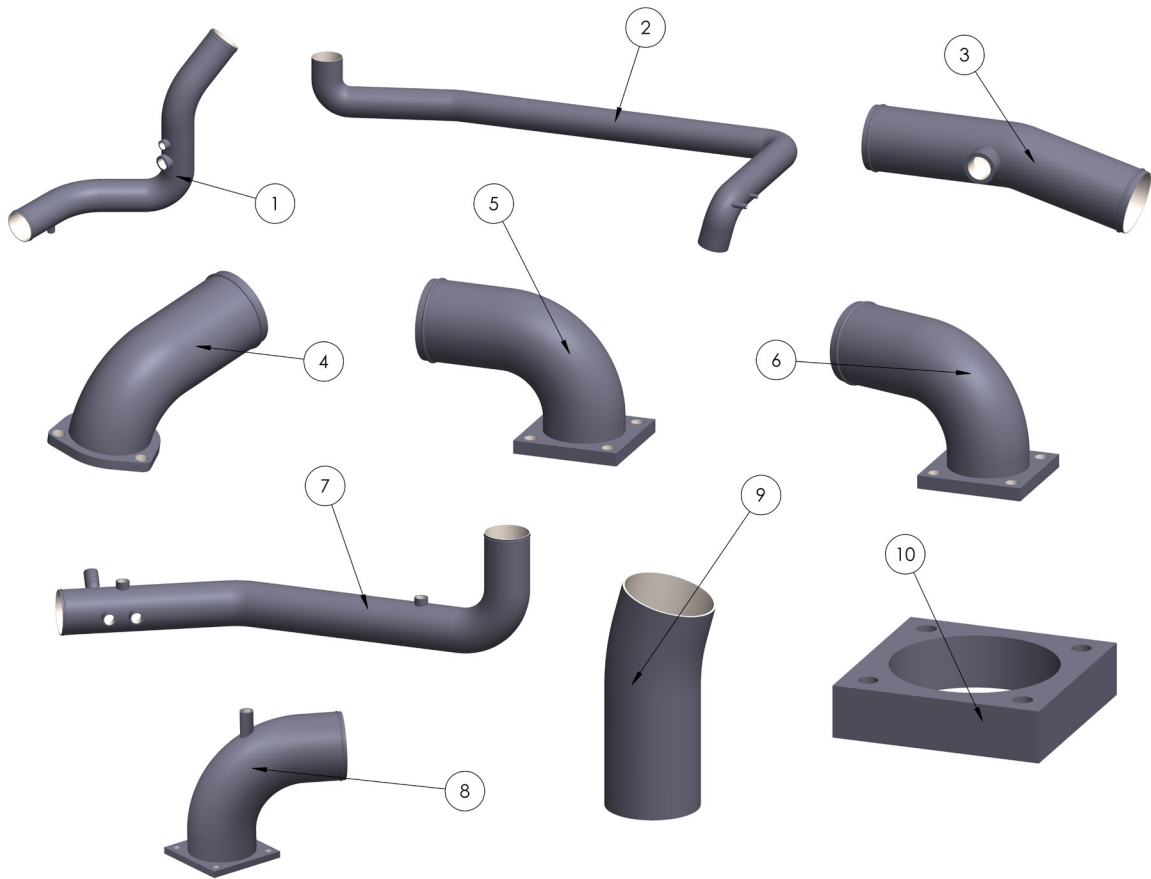
**FOR CUMMINS &  
DETROIT ENGINES**

# KOMATSU 830E CUMMINS K2000 COOLANT SYSTEM



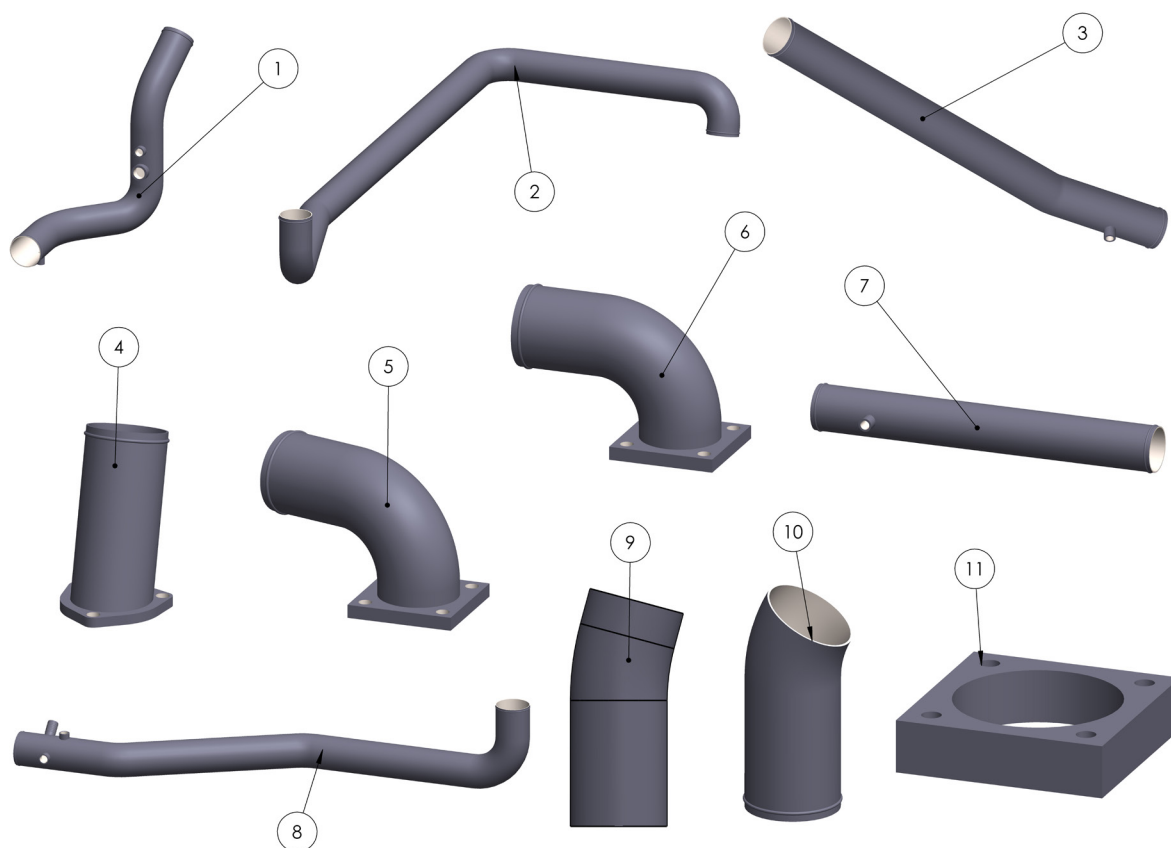
| LABEL # | PART #           | DESCRIPTION                             | QTY      |
|---------|------------------|-----------------------------------------|----------|
| 1       | 830-1-CS         | 5" 90° / 30° Radiator Pipe              | 1        |
| 2       | 830-2-CS         | 2.25" Radiator Pipe                     | 1        |
| 3       | 830-3-CS         | 2.25" Radiator Pipe                     | 1        |
| 4       | 830-4-CS         | 3.5" 15° Elbow                          | 2        |
| 5       | 830-5-CS         | 2.25" 90° Radiator Pipe                 | 1        |
| 6       | 830-0918-CS      | 5" Flanged Short 90° Elbow              | 1        |
| 7       | 830-OLTCS        | 3.5" Upper Driver Side Radiator Pipe    | 1        |
| 8       | 830-ORTCS        | 3.5" Upper Passenger Side Radiator Pipe | 1        |
| 9       | 89231A           | 2.25" 90° Beaded End Elbow              | 1        |
| 10      | 90915K           | 2.25" U-Bolt Clamp                      | 2        |
| 11      | 90929K           | 2" U-Bolt Clamp                         | 1        |
| 12      | 89559K           | 5" U-Bolt Clamp                         | 1        |
|         | <b>830K200CS</b> | <b>COMPLETE COOLANT SYSTEM</b>          | <b>1</b> |

# KOMATSU 830E QSK 60 STAGE ONE COOLANT SYSTEM



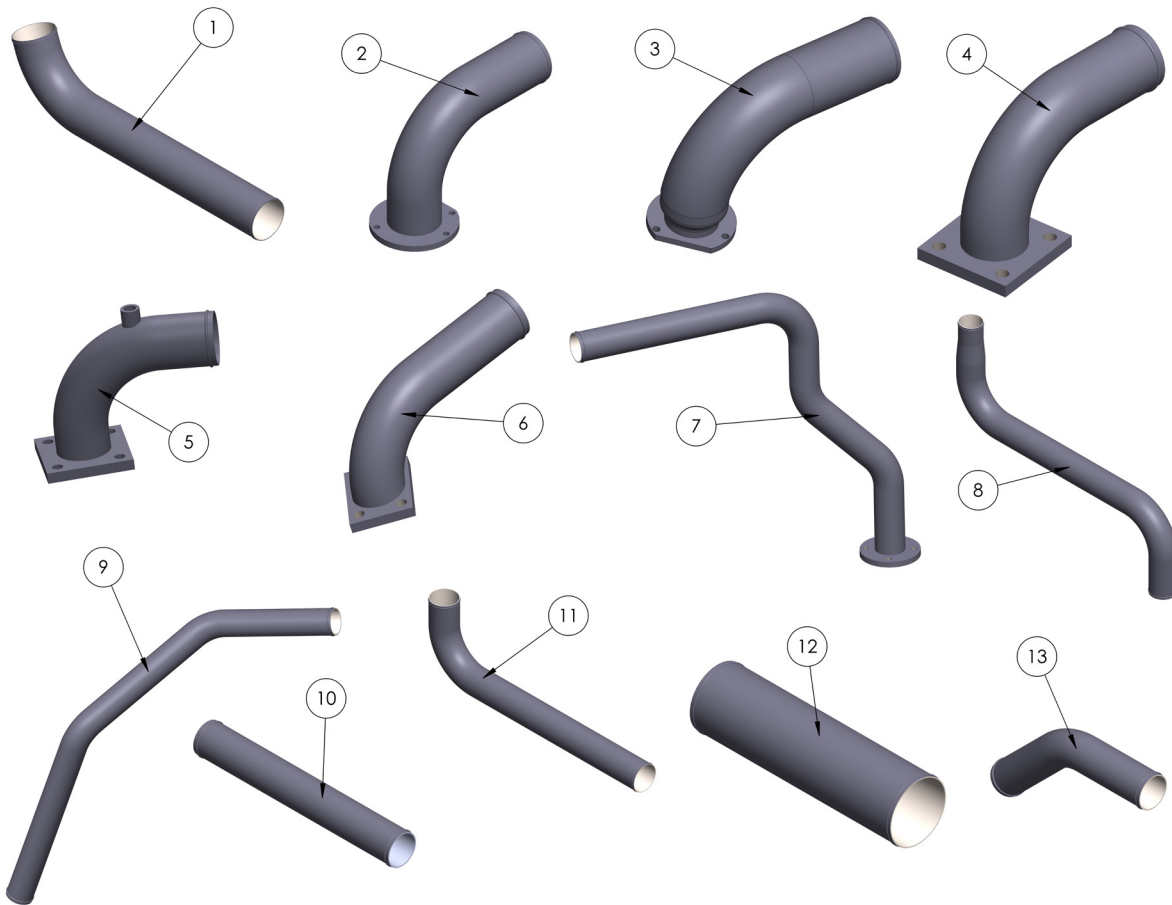
| LABEL # | PART #          | DESCRIPTION                            | QTY      |
|---------|-----------------|----------------------------------------|----------|
| 1       | LTA1-22         | Water Pump Inlet Pipe                  | 1        |
| 2       | LTA2-22         | Pipe Passenger Side From Stat Outlet   | 1        |
| 3       | LTA3-22         | Passenger Side Pipe Extension          | 1        |
| 4       | LTA4-22         | Stat Outlet Adaptor                    | 1        |
| 5       | LTA5-22         | Passenger Side Radiator Outlet Adaptor | 1        |
| 6       | LTA6-22         | Driver Side Radiator Outlet Adaptor    | 1        |
| 7       | CS1-22          | Main Water Pump Inlet Pipe             | 1        |
| 8       | CS2-22          | Main Radiator Outlet Adaptor           | 1        |
| 9       | CS3-22          | 3.5" 15° Outlet Adaptor                | 2        |
| 10      | CSA-1           | 4" x 4" x 1" Square Flange             | 2        |
| 11      | 130 140         | 5" Hose Clamp                          | 4        |
| 12      | 89556K          | 3" U-Bolt Clamp                        | 4        |
| 13      | 89559K          | 5" U-Bolt Clamp                        | 1        |
|         | <b>LTA-22CS</b> | <b>COMPLETE COOLANT SYSTEM</b>         | <b>1</b> |

# KOMATSU 830E QSK 60 STAGE TWO COOLANT SYSTEM



| LABEL # | PART #          | DESCRIPTION                     | QTY      |
|---------|-----------------|---------------------------------|----------|
| 1       | LTA1-25         | Water Pump Inlet Pipe           | 1        |
| 2       | LTA2-25         | Stat Housing Adaptor            | 1        |
| 3       | LTA3-25         | Passenger Side Extension Pipe   | 1        |
| 4       | LTA4-25         | Stat Housing Adaptor            | 1        |
| 5       | LTA5-25         | Radiator Outlet Elbow           | 1        |
| 6       | LTA6-25         | Radiator Outlet Elbow           | 1        |
| 7       | LTA7-25         | Radiator To Waterpump Extension | 1        |
| 8       | CS1-25          | Main Water Inlet Pipe           | 1        |
| 9       | CS2-25          | Main Radiator Outlet            | 1        |
| 10      | CS3-25          | 3.5" 30° Main Coolant Pipe      | 2        |
| 11      | CSA-1           | 4" x 4" x 1" Square Flange      | 2        |
| 12      | 130 140         | 5" Hose Clamp                   | 4        |
| 13      | 89556K          | 3" U-Bolt Clamp                 | 4        |
| 14      | 89559K          | 5" U-Bolt Clamp                 | 1        |
|         | <b>LTA-25CS</b> | <b>COMPLETE COOLANT SYSTEM</b>  | <b>1</b> |

# KOMATSU 830E DETROIT DIESEL 12V 4000 COOLANT SYSTEM



| <b>LABEL #</b> | <b>PART #</b>    | <b>DESCRIPTION</b>             | <b>QTY</b> |
|----------------|------------------|--------------------------------|------------|
| 1              | 830412-CSLRO     | 5" Lower Radiator Outlet       | 1          |
| 2              | 830412-CSWPO     | 4" Water Pump Outlet           | 1          |
| 3              | 830412-CSWPI     | 5" Water Pump Inlet            | 1          |
| 4              | 830412-CSLII     | Lower Intercooler Inlet        | 1          |
| 5              | 830412-CSIO      | Intercooler Unit               | 1          |
| 6              | 830412-CSIPO     | Intercooler Pump Outlet        | 1          |
| 7              | 830412-CSIPI     | Intercooler Pump Inlet         | 1          |
| 8              | 830412-08        | Upper Radiator Pipe            | 1          |
| 9              | 830412-09        | Intercooler Intermediate Pipe  | 1          |
| 10             | 830412-10        | Radiator Pipe                  | 1          |
| 11             | 830412-11        | Radiator Pipe                  | 1          |
| 12             | 830412-12        | Radiator Pipe                  | 1          |
| 13             | 830412-13        | Radiator Pipe                  | 2          |
|                | <b>830412-CS</b> | <b>COMPLETE COOLANT SYSTEM</b> | <b>1</b>   |

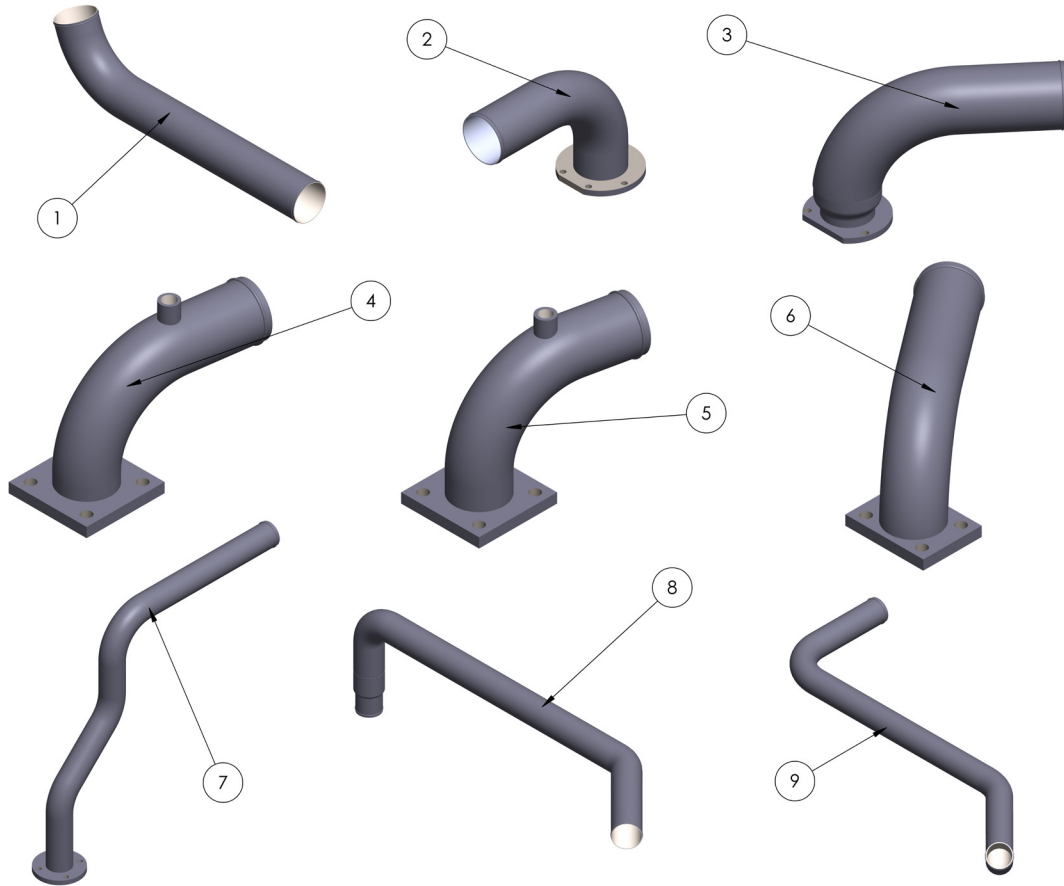


# KOMATSU 830E DETROIT DIESEL 12V 4000 TIER TWO COOLANT SYSTEM



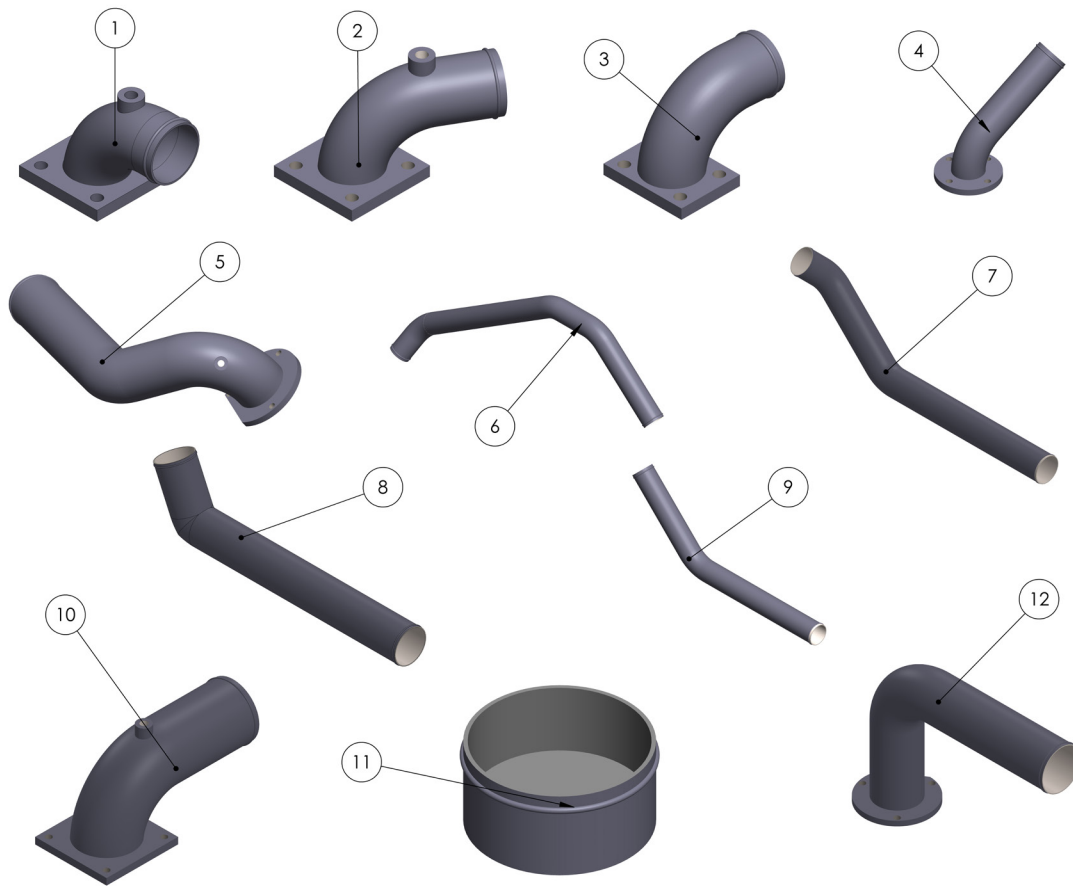
| LABEL # | PART #           | DESCRIPTION                                      | QTY      |
|---------|------------------|--------------------------------------------------|----------|
| 1       | T2C830-01        | 5" Suction Pipe                                  | 1        |
| 2       | T2C830-02        | 4" To 3.5" Upper Inlet Pipe                      | 1        |
| 3       | T2C830-03        | 4" Upper Return Pipe                             | 1        |
| 4       | T2C830-04        | 5" Lower Suction Pipe                            | 1        |
| 5       | T2C830-05        | 5" Engine Suction Pipe                           | 1        |
| 6       | T2C830-06        | 4" 90° Elbow                                     | 1        |
| 7       | T2C830-07        | 2.5" Passenger Side Bottom Intercooler Pipe      | 1        |
| 8       | T2C830-08        | 2.5" Driver Side Bottom Intercooler Pipe         | 1        |
| 9       | T2C830-09        | 2.5" Passenger Side Intercooler Engine Pipe      | 1        |
| 10      | T2C830-10        | 2.5" 135° Elbow                                  | 1        |
| 11      | T2C830-11        | 5" Passenger Side Bottom Intercooler Engine Pipe | 1        |
| 12      | T2C830-12        | 2.5" Radiator Intake Pipe                        | 1        |
|         | <b>830412-CS</b> | <b>COMPLETE COOLANT SYSTEM</b>                   | <b>1</b> |

# KOMATSU 830E DETROIT DIESEL 16V 4000 COOLANT SYSTEM



| <b>LABEL #</b> | <b>PART #</b>    | <b>DESCRIPTION</b>             | <b>QTY</b> |
|----------------|------------------|--------------------------------|------------|
| 1              | 830416-CSLRO     | 5" Lower Radiator Outlet       | 1          |
| 2              | 830416-CSWPO     | 4" Water Pump Outlet           | 1          |
| 3              | 830416-CSWPI     | 5" Water Pump Inlet            | 1          |
| 4              | 830416-CSLII     | Lower Intercooler Inlet        | 1          |
| 5              | 830416-CSIO      | Intercooler Outlet             | 1          |
| 6              | 830416-CSIPO     | Intercooler Pump Outlet        | 1          |
| 7              | 830416-CSIPI     | Intercooler Pump Inlet         | 1          |
| 8              | 830416-CSURP     | Upper Radiator Pipe            | 1          |
| 9              | 830416-CSIIP     | Intercooler Intermediate Pipe  | 1          |
|                | <b>830416-CS</b> | <b>COMPLETE COOLANT SYSTEM</b> | <b>1</b>   |

# KOMATSU 830E DETROIT DIESEL 16V 4000 IPS COOLANT SYSTEM



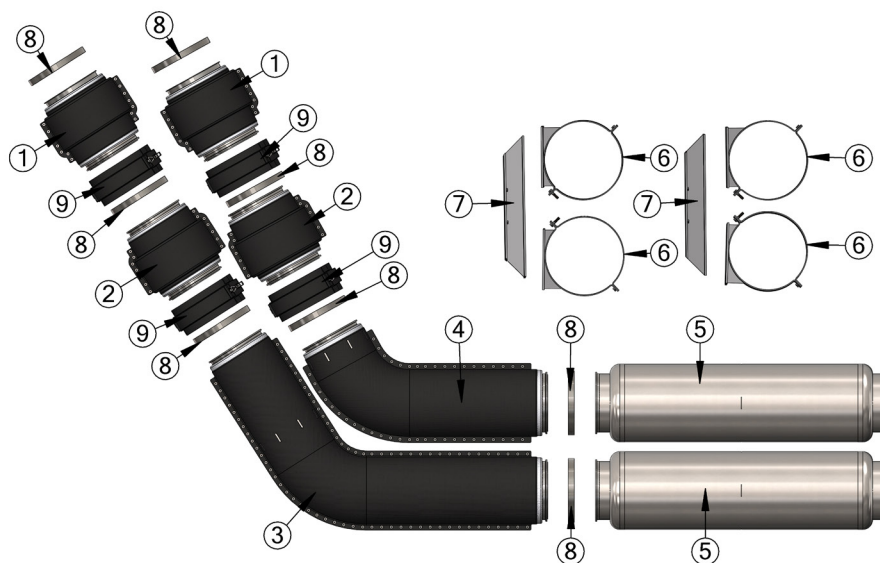
| <b>LABEL #</b> | <b>PART #</b>    | <b>DESCRIPTION</b>                       | <b>QTY</b> |
|----------------|------------------|------------------------------------------|------------|
| 1              | IPS164-01        | 2.5" Bottom Passenger Side Radiator Pipe | 1          |
| 2              | IPS164-02        | 2.5" Driver Side Intercooler Pipe        | 1          |
| 3              | IPS164-03        | 2.5" 90° Flanged Pipe                    | 1          |
| 4              | IPS164-04        | 2.5" 52° Flanged Pipe                    | 1          |
| 5              | IPS164-05        | 4" Engine Outlet Pipe                    | 1          |
| 6              | IPS164-06        | 2.5" Coolant Pipe                        | 1          |
| 7              | IPS164-07        | 4" Radiator Pipe                         | 1          |
| 8              | IPS164-08        | 4" 66° Coolant Pipe                      | 1          |
| 9              | IPS164-09        | 2.5" 45° Coolant Pipe                    | 1          |
| 10             | IPS164-10        | 4" 90° Flanged Coolant Pipe              | 1          |
| 11             | IPS164-11        | 3.5" Cap Plug                            | 1          |
| 12             | IPS164-12        | 4" 90° Flanged Coolant Pipe              | 1          |
|                | <b>IPS164-CS</b> | <b>COMPLETE COOLANT SYSTEM</b>           | <b>1</b>   |

# EXHAUST KITS

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**CATERPILLAR**

# CATERPILLAR 797F INSULATED EXHAUST SYSTEM



| <b>LABEL #</b> | <b>PART #</b> | <b>DESCRIPTION</b>                         | <b>QTY</b> |
|----------------|---------------|--------------------------------------------|------------|
| 1              | 79712TBC-01   | 12" Bellows From Turbo                     | 2          |
| 2              | 79712MBC-02   | 12" Bellows To Exhaust Pipe                | 2          |
| 3              | 79712LP-03    | 12" Driver Side Exhaust Pipe               | 1          |
| 4              | 79712RP-04    | 12" Passenger Side Exhaust Pipe            | 1          |
| 5              | EXMI 16 12    | Muffler 16" Body 12" In / Out              | 2          |
| 6              | MBC16         | 16" Muffler Saddle Bracket                 | 4          |
| 7              | 797F-16-MBB   | 16" Muffler Bracket Base                   | 2          |
| 8              | VB12          | 12" V-Band Clamp                           | 8          |
| 9              | NSVS12 2      | Two-Piece 12" Insulated V-Band Clamp Cover | 4          |
|                | <b>797F</b>   | <b>COMPLETE EXHAUST SYSTEM</b>             | <b>1</b>   |

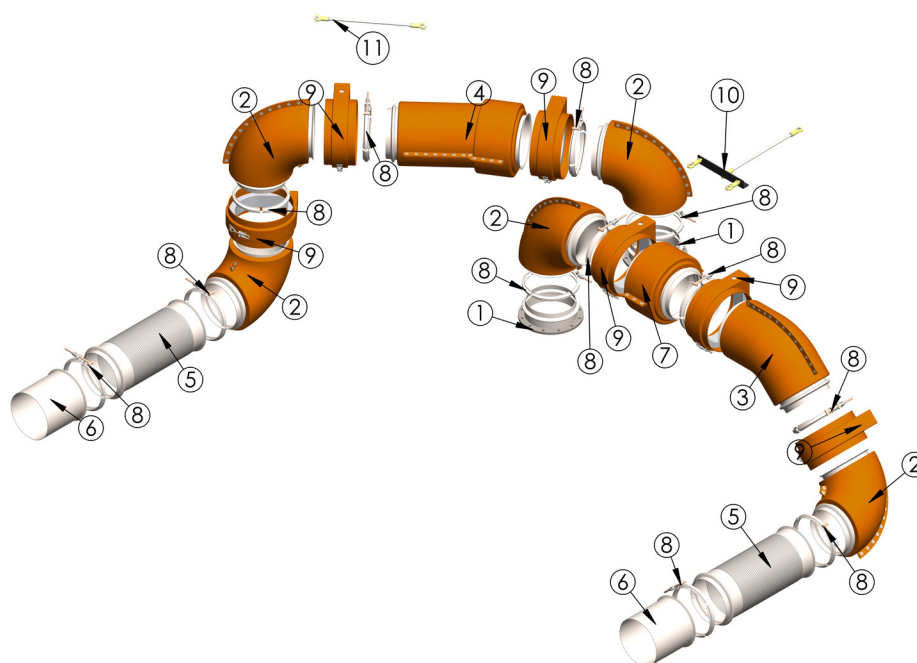
**Note:** Our standard kits come with ridged and flared connections, which are easy to install. For an additional cost, we can provide machine flange connections that are stronger and more compatible with some OEM systems.

# EXHAUST KITS

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**KOMATSU 630 / 170D**

# KOMATSU 630/170D DETROIT DIESEL 12V 4000 ENGINE TO HORSE COLLAR INSULATED EXHAUST SYSTEM



| LABEL # | PART #           | DESCRIPTION                      | QTY      |
|---------|------------------|----------------------------------|----------|
| 1       | 1763-E           | Flanged Turbo Pipe               | 2        |
| 2       | 1763-A           | 10" Standard 90° Elbow           | 5        |
| 3       | 1763-D           | 10" 45° Elbow                    | 1        |
| 4       | 1763-B           | 10" 10° Pipe With Bellows        | 1        |
| 5       | 1763-F           | 10" Flex Pipe To Horse Collar    | 2        |
| 6       | AD10             | Flex Pipe Adaptor                | 2        |
| 7       | BC10             | 10" Bellows Pipe                 | 1        |
| 8       | VB10             | 10" V-Band Clamp                 | 12       |
| 9       | VS10             | 10" Insulated V-Band Clamp Cover | 6        |
| 10      | BCH10            | 10" Bellows Hanger Kit           | 1        |
| 11      | EXH18            | 18" Exhaust Hanger               | 2        |
|         | <b>6317-12EX</b> | <b>COMPLETE EXHAUST SYSTEM</b>   | <b>1</b> |

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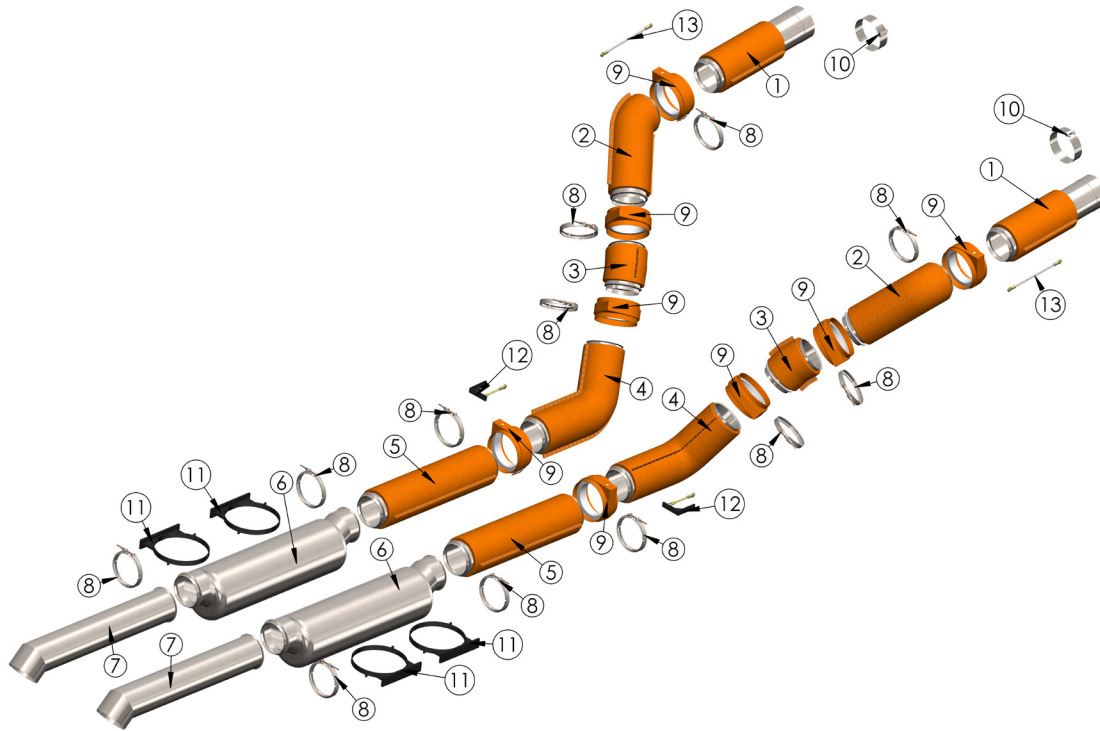


# EXHAUST KITS

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**KOMATSU 830E**

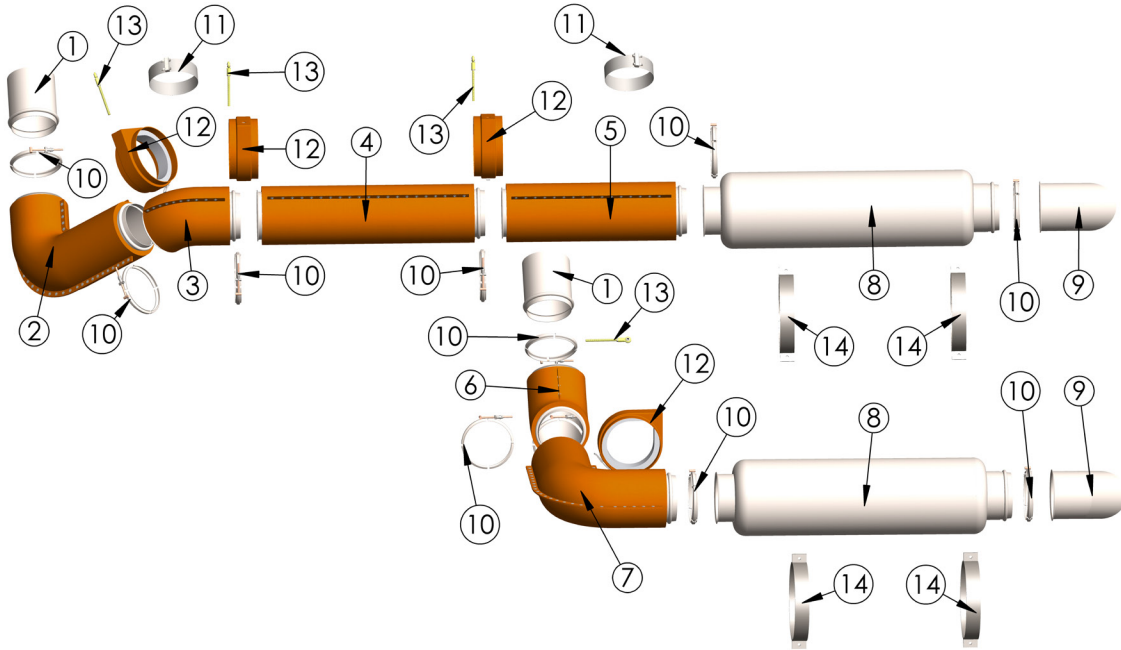
# KOMATSU 830E INFRAME BEHIND HORSE COLLAR INSULATED EXHAUST SYSTEM



| LABEL # | PART #          | DESCRIPTION                         | QTY      |
|---------|-----------------|-------------------------------------|----------|
| 1       | 831FE-1         | 10" Straight Pipe 38.5" Long        | 2        |
| 2       | 831FE-2         | 10" 60° Elbow With Leg              | 2        |
| 3       | 831FE-3         | 10" 12° Elbow                       | 2        |
| 4       | 831FE-4         | 10" 60° Elbow                       | 2        |
| 5       | 831FE-5         | 10" Straight Pipe 46.5" Long        | 2        |
| 6       | 831FE-6         | 16" Diameter Muffler                | 2        |
| 7       | 831FE-7         | 10" Muffler Down Spout              | 2        |
| 8       | VB10            | 10" V-Band Clamp                    | 12       |
| 9       | VS10            | 10" Insulated V-Band Clamp Cover    | 8        |
| 10      | FBC10           | 10" Stainless Steel Flat Band Clamp | 2        |
| 11      | MB16            | 16" Muffler Mounting Bracket        | 4        |
| 12      | EAS12           | Exhaust Angle Bracket Hanger        | 2        |
| 13      | EXH18           | 18" Exhaust Hanger                  | 2        |
|         | <b>831FEXIS</b> | <b>COMPLETE EXHAUST SYSTEM</b>      | <b>1</b> |

**Note:** Our standard kits come with ridged and flared connections, which are easy to install. For an additional cost, we can provide machine flange connections that are stronger and more compatible with some OEM systems.

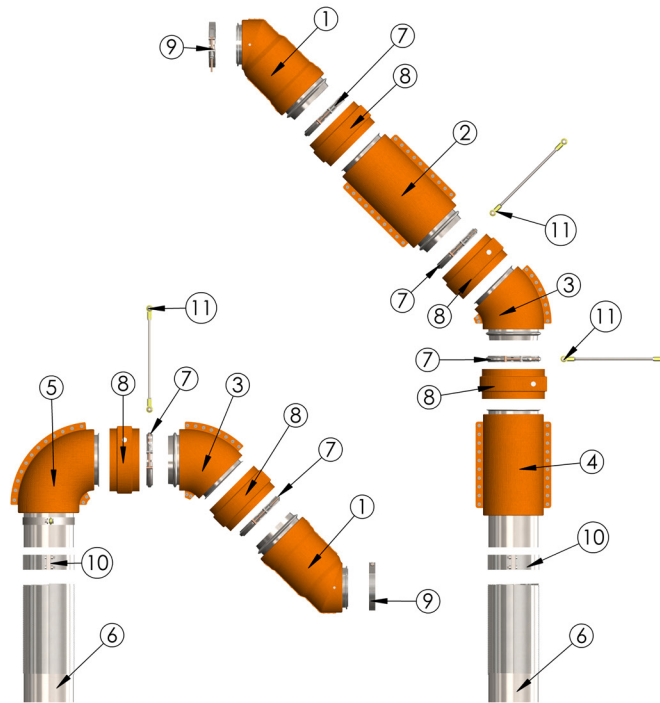
# KOMATSU 830E FENDER MOUNT BEHIND HORSE COLLAR INSULATED EXHAUST SYSTEM



| LABEL # | PART #         | DESCRIPTION                         | QTY      |
|---------|----------------|-------------------------------------|----------|
| 1       | AD10           | 10" Flex Pipe Adaptor               | 2        |
| 2       | 83FME-1        | 10" 90° Elbow With Leg              | 1        |
| 3       | 83FME-2        | 10" 45° Elbow With Leg              | 1        |
| 4       | 83FME-3        | 10" Straight Mid Pipe 46.5" Long    | 1        |
| 5       | 83FME-4        | 10" Straight Mid Pipe 37.5" Long    | 1        |
| 6       | 83FME-5        | 10" 45° Elbow With Short Leg        | 1        |
| 7       | 83FME-6        | 10" 90° Elbow To Muffler            | 1        |
| 8       | EXMV1610       | 16" Diameter Muffler                | 2        |
| 9       | EXS10          | 10" Muffler Down Spout              | 2        |
| 10      | VB10           | 10" V-Band Clamp                    | 10       |
| 11      | FBC10          | 10" Stainless Steel Flat Band Clamp | 2        |
| 12      | VS10           | 10" Insulated V-Band Clamp Cover    | 4        |
| 13      | EXH18          | 18" Exhaust Hanger                  | 4        |
| 14      | MB16           | 16" Muffler Mounting Bracket        | 4        |
|         | <b>83FMEIS</b> | <b>COMPLETE EXHAUST SYSTEM</b>      | <b>1</b> |

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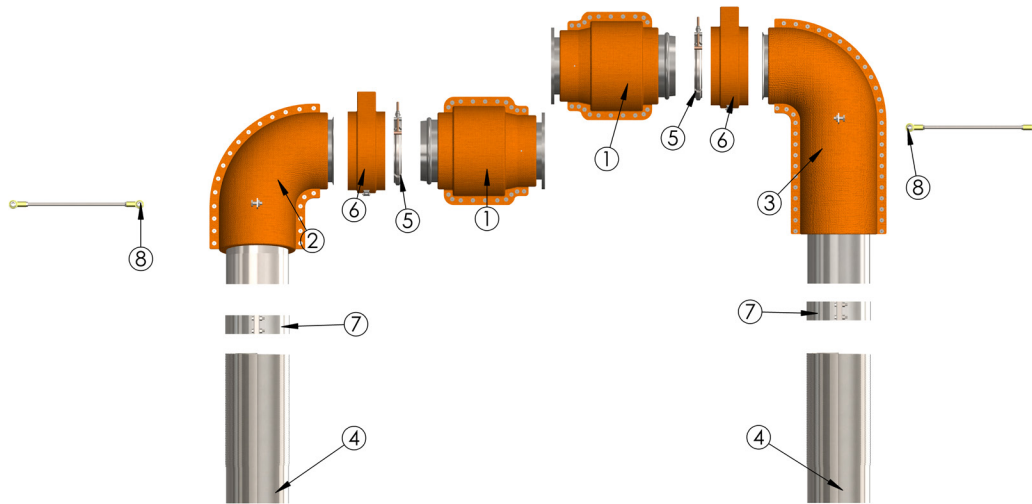
# KOMATSU 830E CUMMINS K2000 ENGINE TO HORSE COLLAR INSULATED EXHAUST SYSTEM



| LABEL # | PART #          | DESCRIPTION                                     | QTY      |
|---------|-----------------|-------------------------------------------------|----------|
| 1       | EXK-01          | 10" 45° Slashcut Pipe With Bellows              | 2        |
| 2       | EXK-02          | 10" Straight Pipe                               | 1        |
| 3       | EXK-03          | 10" Standard 45° Elbow                          | 2        |
| 4       | EXK-04          | 10" Straight Pipe                               | 1        |
| 5       | EXK-05          | 10" 90° Elbow With Leg                          | 1        |
| 6       | EXK-06          | 10" Diameter Stainless Steel Flex Pipe 24" Long | 2        |
| 7       | VB10            | 10" V-Band Clamp                                | 5        |
| 8       | VS10            | 10" Insulated V-Band Clamp Cover                | 5        |
| 9       | VB8             | 8" V-Band Clamp                                 | 2        |
| 10      | FBC10           | 10" Stainless Steel Flat Band Clamp             | 2        |
| 11      | EXH18           | 18" Exhaust Hanger                              | 3        |
|         | <b>EXK2831S</b> | <b>COMPLETE EXHAUST SYTEM</b>                   | <b>1</b> |

**Note:** Our standard kits come with ridged and flared connections, which are easy to install. For an additional cost, we can provide machine flange connections that are stronger and more compatible with some OEM systems.

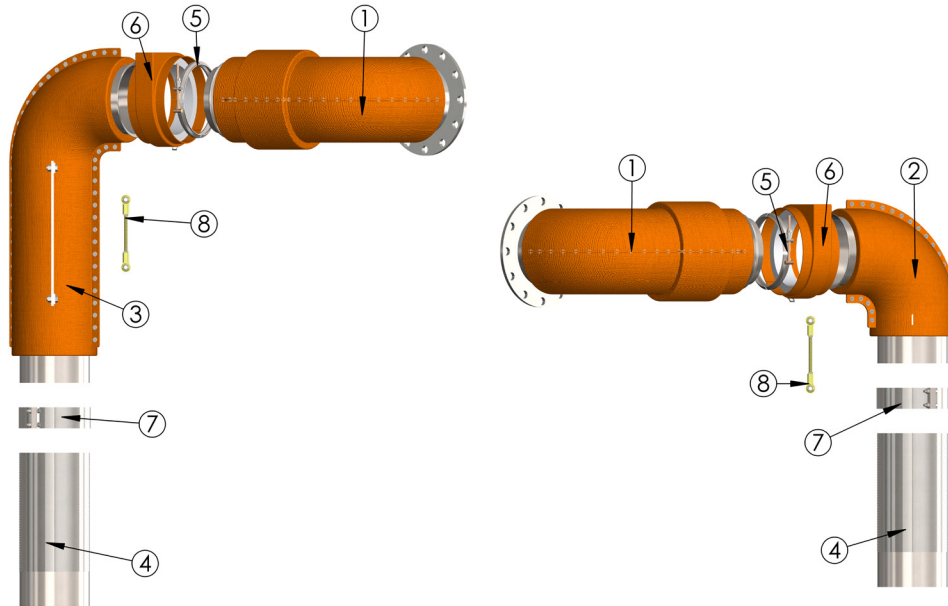
# KOMATSU 830E QSK 60 STAGE ONE ENGINE TO HORSE COLLAR INSULATED EXHAUST SYSTEM



| LABEL # | PART #           | DESCRIPTION                         | QTY      |
|---------|------------------|-------------------------------------|----------|
| 1       | 8361EXA-1        | Flanged Turbo Pipe With Bellows     | 2        |
| 2       | 8361EXA-2        | 10" 90° Elbow With Short Leg        | 1        |
| 3       | 8361EXA-3        | 10" 90° Elbow With Long Leg         | 1        |
| 4       | 8361EXA-4        | 10" Flex Pipe Connector             | 2        |
| 5       | VB10             | 10" V-Band Clamp                    | 2        |
| 6       | VS10             | 10" Insulated V-Band Clamp Cover    | 2        |
| 7       | FBC10            | 10" Stainless Steel Flat Band Clamp | 2        |
| 8       | EXH18            | 18" Exhaust Hanger                  | 2        |
|         | <b>8361EXA1S</b> | <b>COMPLETE EXHAUST SYSTEM</b>      | <b>1</b> |

**Note:** Our standard kits come with ridged and flared connections, which are easy to install. For an additional cost, we can provide machine flange connections that are stronger and more compatible with some OEM systems.

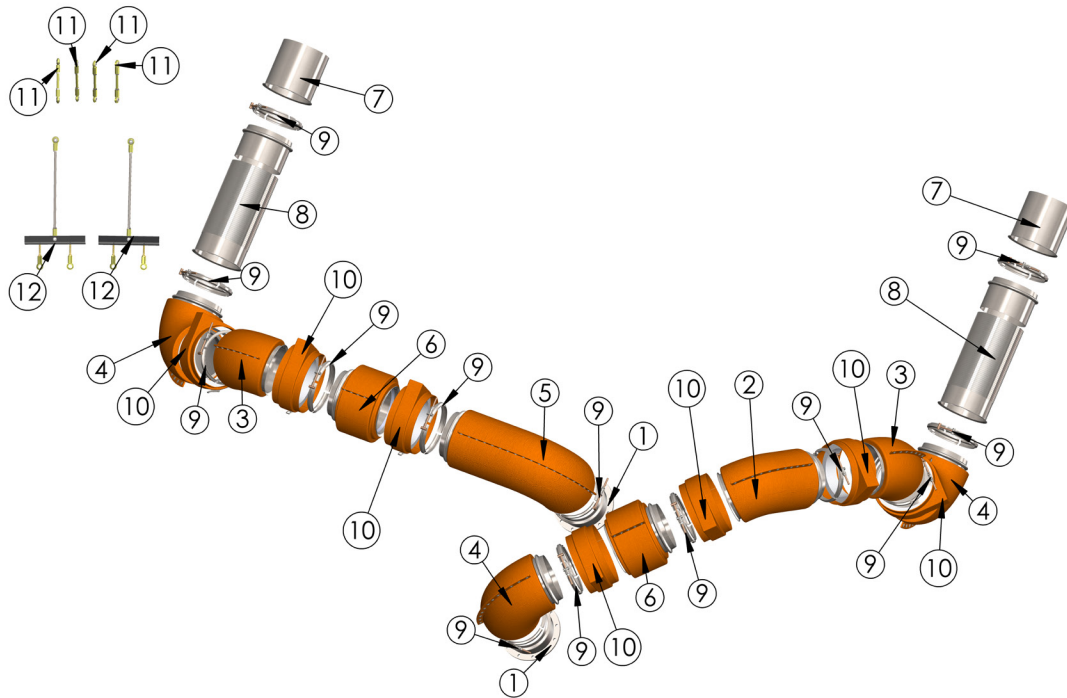
# KOMATSU 830E QSK 60 STAGE TWO ENGINE TO HORSE COLLAR INSULATED EXHAUST SYSTEM



| LABEL # | PART #           | DESCRIPTION                                 | QTY      |
|---------|------------------|---------------------------------------------|----------|
| 1       | 8362EXA-1        | Flanged Turbo Pipe Driver & Passenger Side  | 2        |
| 2       | 8362EXA-2        | 10" 90° Elbow Passenger Side With Short Leg | 1        |
| 3       | 8362EXA-3        | 10" 90° Elbow Driver Side With Long Leg     | 1        |
| 4       | 8362EXA-4        | 10" Flex Pipe Connector                     | 2        |
| 5       | VB10             | 10" V-Band Clamp                            | 2        |
| 6       | VS10             | 10" Insulated V-Band Clamp Cover            | 2        |
| 7       | FBC10            | 10" Stainless Steel Flat Band Clamp         | 2        |
| 8       | EXH18            | 18" Exhaust Hanger                          | 2        |
|         | <b>8362EXA2S</b> | <b>COMPLETE EXHAUST SYSTEM</b>              | <b>1</b> |

**Note:** Our standard kits come with ridged and flared connections, which are easy to install. For an additional cost, we can provide machine flange connections that are stronger and more compatible with some OEM systems.

# KOMATSU 830E DETROIT DIESEL 12V 4000 INSULATED EXHAUST SYSTEM

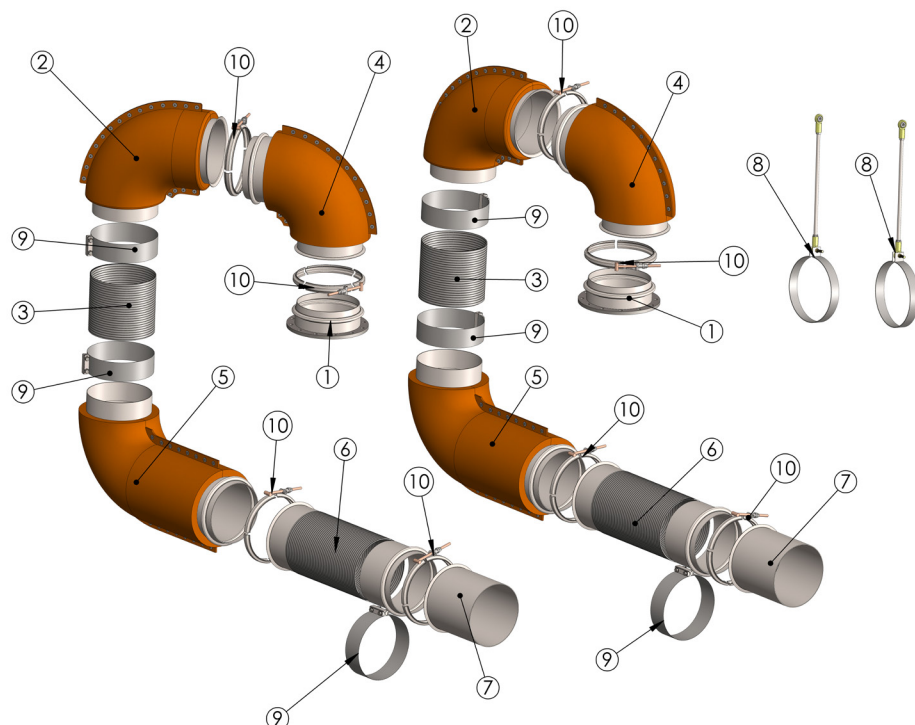


| LABEL # | PART #           | DESCRIPTION                             | QTY      |
|---------|------------------|-----------------------------------------|----------|
| 1       | EX02             | 5" Flanged Turbo Pipe                   | 2        |
| 2       | EX03             | 10" 45° Elbow With Short Leg            | 1        |
| 3       | EX04             | 10" Standard 45° Elbow                  | 2        |
| 4       | EX05             | 10" Standard 90° Elbow                  | 3        |
| 5       | EX06             | 10" 90° Elbow With Leg                  | 1        |
| 6       | BC10             | 10" Bellow Connector Pipe               | 2        |
| 7       | AD10             | 10" Flex Pipe Adaptor                   | 2        |
| 8       | FCA10            | 10" Stainless Steel Flex Connector Pipe | 2        |
| 9       | VB10             | 10" V-Band Clamp                        | 13       |
| 10      | VS10             | 10" Insulated V-Band Clamp Cover        | 7        |
| 11      | EXH18            | 18" Exhaust Hanger                      | 4        |
| 12      | BCH10            | 10" Bellows Hanger Kit                  | 2        |
|         | <b>EX8312V4S</b> | <b>COMPLETE EXHAUST SYSTEM</b>          | <b>1</b> |

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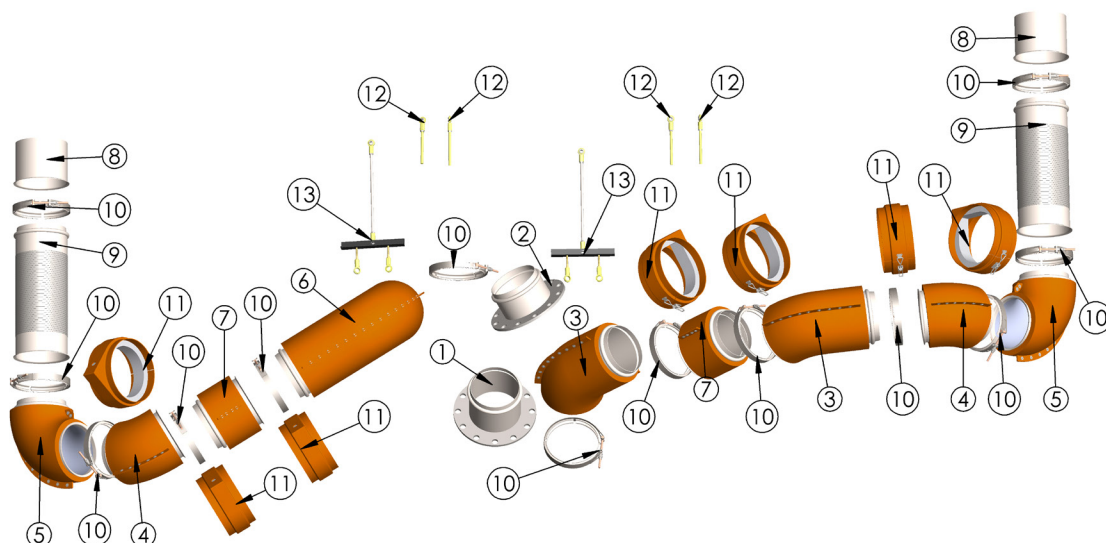
# KOMATSU 830E DETROIT DIESEL 12V TIER TWO INSULATED EXHAUST SYSTEM



| LABEL # | PART #           | DESCRIPTION                             | QTY      |
|---------|------------------|-----------------------------------------|----------|
| 1       | T2E830-01        | 10" Short Female Flanged Turbo Pipe     | 2        |
| 2       | T2E830-02        | 10" 90° Elbow With Leg                  | 2        |
| 3       | T2E830-03        | 9" Of 10" Stainless Steel Flex Pipe     | 2        |
| 4       | T2E830-04        | 10" 90° Elbow                           | 2        |
| 5       | T2E830-05        | 90° Elbow With Short Leg                | 2        |
| 6       | FC10             | 10" Stainless Steel Flex Connector Pipe | 2        |
| 7       | AD10             | 10" Flex Pipe Adaptor                   | 2        |
| 8       | EXH18            | 18" Exhaust Hanger                      | 2        |
| 9       | FBC10            | 10" Stainless Steel Flat Band Clamp     | 6        |
| 10      | VB10             | 10" V-Band Clamp                        | 8        |
|         | <b>EX8312V4S</b> | <b>COMPLETE EXHAUST SYSTEM</b>          | <b>1</b> |

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# KOMATSU 830E DETROIT DIESEL 16V 4000 ENGINE TO HORSE COLLAR INSULATED EXHAUST SYSTEM



| LABEL # | PART #           | DESCRIPTION                             | QTY      |
|---------|------------------|-----------------------------------------|----------|
| 1       | EX01             | 7.5" Flanged Turbo Pipe                 | 1        |
| 2       | EX02             | 5" Flanged Turbo Pipe                   | 1        |
| 3       | EX03             | 10" 45° Elbow With Short Leg            | 2        |
| 4       | EX04             | 10" Standard 45° Elbow                  | 2        |
| 5       | EX05             | 10" Standard 90° Elbow                  | 2        |
| 6       | EX06             | 10" 90° Elbow With Leg                  | 1        |
| 7       | BC10             | 10" Bellows Connector Pipe              | 2        |
| 8       | AD10             | 10" Flex Pipe Adaptor                   | 2        |
| 9       | FC10             | 10" Stainless Steel Flex Connector Pipe | 2        |
| 10      | VB10             | 10" V-Band Clamp                        | 13       |
| 11      | VS10             | 10" Insulated V-Band Clamp Cover        | 7        |
| 12      | EXH18            | 18" Exhaust Hanger                      | 4        |
| 13      | BCH10            | 10" Bellows Hanger Kit                  | 2        |
|         | <b>EX8316V4S</b> | <b>COMPLETE EXHAUST SYSTEM</b>          | <b>1</b> |

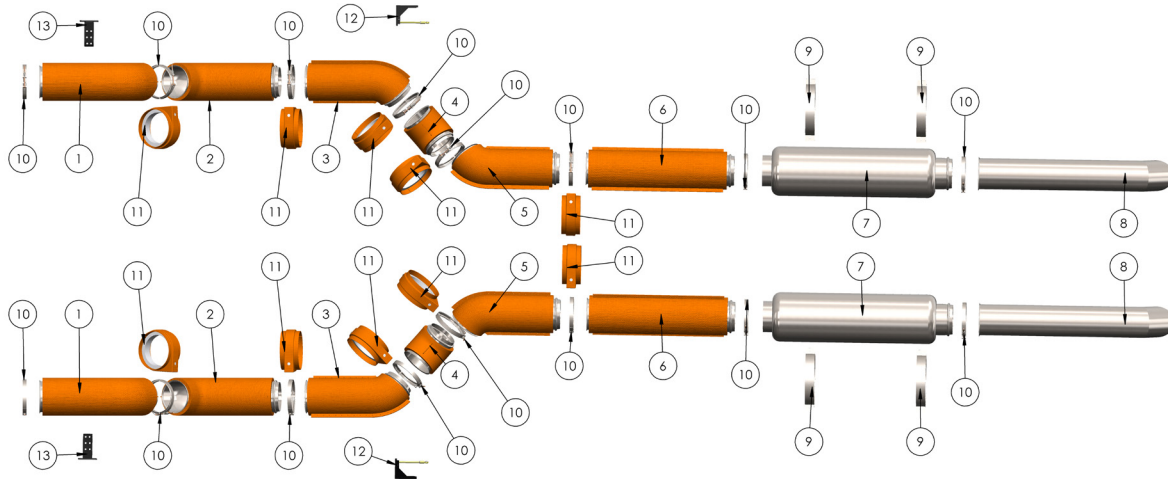
**Note:** Our standard kits come with ridged and flared connections, which are easy to install. For an additional cost, we can provide machine flange connections that are stronger and more compatible with some OEM systems.

# EXHAUST KITS

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**KOMATSU 930E**

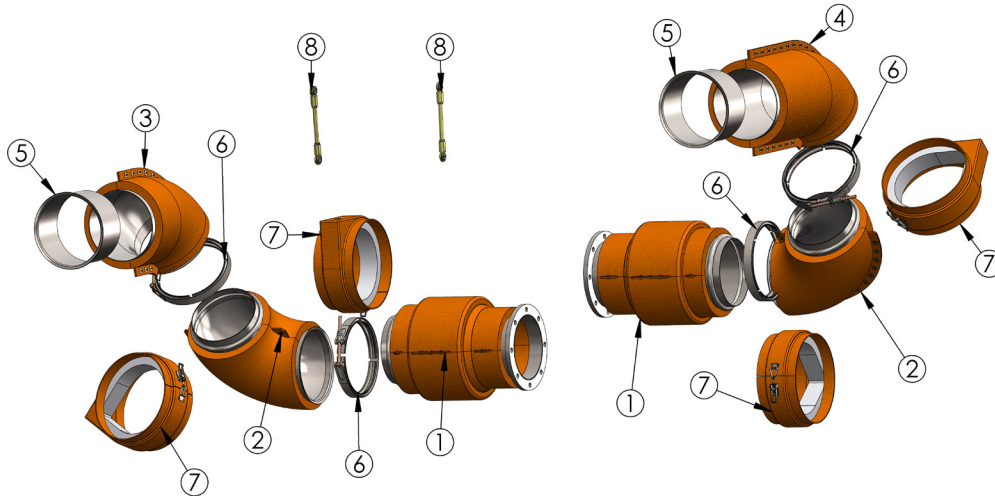
# KOMATSU 930E INFRAME BEHIND HORSE COLLAR INSULATED EXHAUST SYSTEM



| LABEL # | PART #         | DESCRIPTION                      | QTY      |
|---------|----------------|----------------------------------|----------|
| 1       | 930IF-01       | 10" 52° Pipe                     | 2        |
| 2       | 930IF-02       | 10" 59° Pipe                     | 2        |
| 3       | 930IF-03       | 10" 52° Pipe                     | 2        |
| 4       | 930IF-04       | 10" 30° Pipe                     | 2        |
| 5       | 930IF-05       | 10" 52° Pipe                     | 2        |
| 6       | 930IF-06       | 10" Straight Pipe                | 2        |
| 7       | EXM1610        | 16" Diameter Muffler             | 2        |
| 8       | 930IF-08       | 10" Muffler Down Spout           | 2        |
| 9       | MB16           | 16" Muffler Bracket              | 4        |
| 10      | VB10           | 10" V-Band Clamp                 | 16       |
| 11      | VS10           | 10" Insulated V-Band Clamp Cover | 10       |
| 12      | EAS12          | Exhaust Angle Bracket Hanger     | 2        |
| 13      | SCH10          | Channel Hanger With 6" Rod       | 2        |
|         | <b>930IFCK</b> | <b>COMPLETE EXHAUST SYSTEM</b>   | <b>1</b> |

**Note:** Our standard kits come with ridged and flared connections, which are easy to install. For an additional cost, we can provide machine flange connections that are stronger and more compatible with some OEM systems.

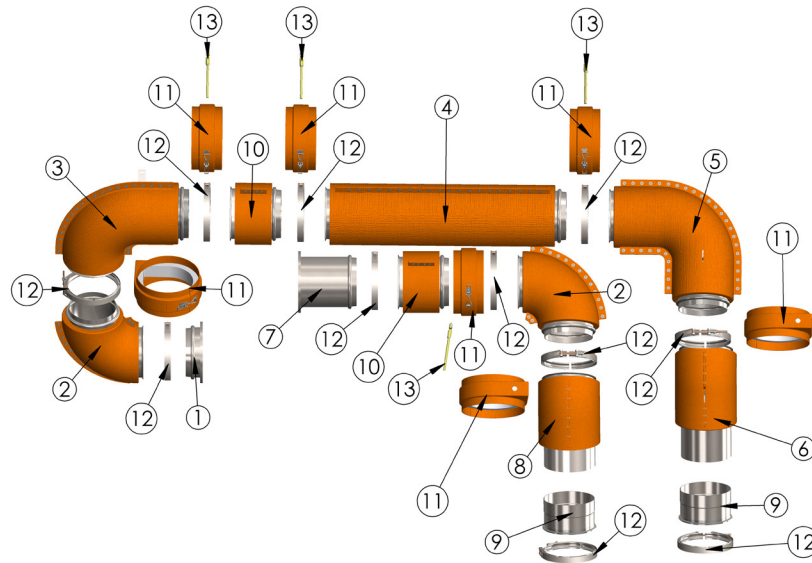
# KOMATSU 930E QSK 60 STAGE ONE ENGINE TO HORSE COLLAR INSULATED EXHAUST SYSTEM



| LABEL # | PART #         | DESCRIPTION                      | QTY      |
|---------|----------------|----------------------------------|----------|
| 1       | 9361EX-3-01    | Turbo Pipe With Bellows          | 2        |
| 2       | 9361EX-3-02    | 10" 90° Standard Elbow           | 2        |
| 3       | 9361EX-3-03    | 10" 45° Elbow With Short Leg     | 1        |
| 4       | 9361EX-3-04    | 10" 45° Elbow With Long Leg      | 1        |
| 5       | 9361EX-3-05    | 10" Komatsu Exhaust Flange       | 2        |
| 6       | VB10           | 10" V-Band Clamp                 | 4        |
| 7       | VS10           | 10" Insulated V-Band Clamp Cover | 4        |
| 8       | EXH18          | 18" Exhaust Hanger               | 2        |
|         | <b>9361EX1</b> | <b>COMPLETE EXHAUST SYSTEM</b>   | <b>1</b> |

**Note:** Our standard kits come with ridged and flared connections, which are easy to install. For an additional cost, we can provide machine flange connections that are stronger and more compatible with some OEM systems.

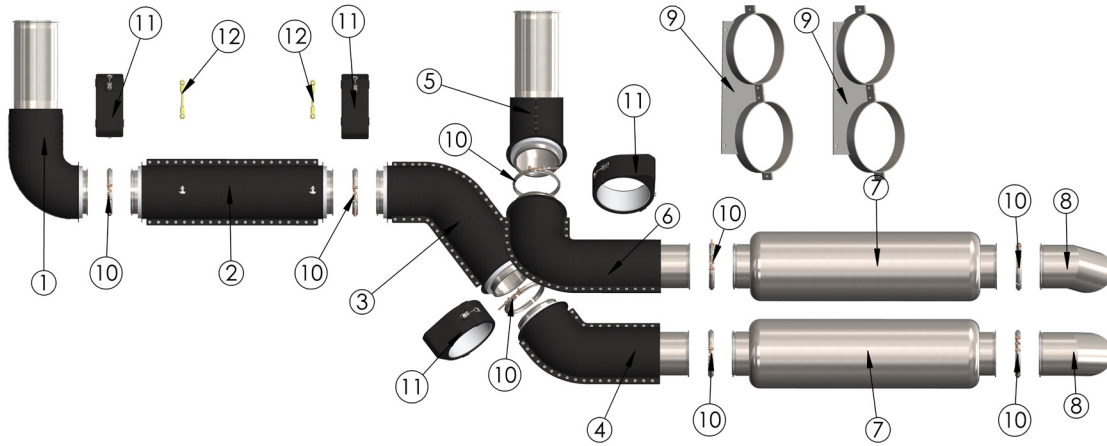
# KOMATSU 930E-2 FENDER MOUNT QSK 60 STAGE ONE INSULATED EXHAUST SYSTEM



| LABEL # | PART #           | DESCRIPTION                      | QTY      |
|---------|------------------|----------------------------------|----------|
| 1       | QSK1932FM-01     | Short Flanged Turbo Pipe         | 1        |
| 2       | QSK1932FM-02     | 10" 90° Elbow                    | 2        |
| 3       | QSK1932FM-03     | 10" 90° Elbow With Short Leg     | 1        |
| 4       | QSK1932FM-04     | 10" Straight Pipe 46" Long       | 1        |
| 5       | QSK1932FM-05     | 10" 90° Elbow With Leg           | 1        |
| 6       | QSK1932FM-06     | 10" 30° Elbow With Short Leg     | 1        |
| 7       | QSK1932FM-07     | Long Flanged Turbo Pipe          | 1        |
| 8       | QSK1932FM-08     | 10" 45° Elbow With Short Leg     | 1        |
| 9       | QSK1932FM-09     | 10" ID Flanged Adaptor           | 2        |
| 10      | BC10             | 10" Bellows Connector            | 2        |
| 11      | VS10             | 10" Insulated V-Band Clamp Cover | 7        |
| 12      | VB10             | 10" V-Band Clamp                 | 11       |
| 13      | EXH18            | 18" Exhaust Hanger               | 4        |
|         | <b>QSK1932FM</b> | <b>COMPLETE EXHAUST SYSTEM</b>   | <b>1</b> |

**Note:** Our standard kits come with ridged and flared connections, which are easy to install. For an additional cost, we can provide machine flange connections that are stronger and more compatible with some OEM systems.

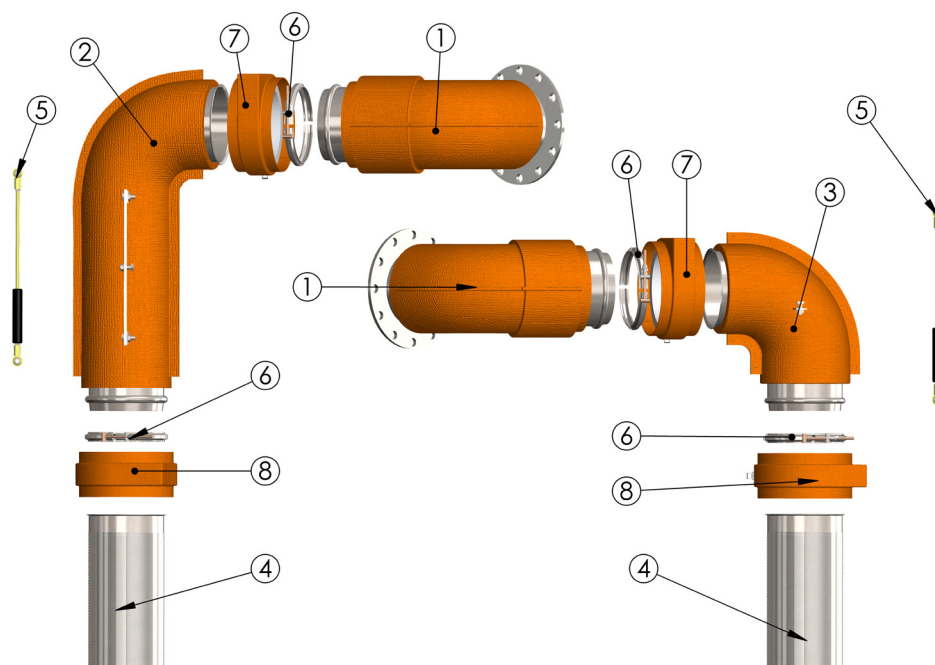
# KOMATSU 930E-4 FENDER MOUNT QSK 60 STAGE TWO INSULATED EXHAUST SYSTEM



| LABEL # | PART #             | DESCRIPTION                      | QTY      |
|---------|--------------------|----------------------------------|----------|
| 1       | 930QSKFMP-04       | 10" Pipe Via Horse Collar        | 1        |
| 2       | 930QSKFMP-05       | 10" Straight Pipe                | 1        |
| 3       | 930QSKFMP-06       | 10" Offset Pipe To Muffler       | 1        |
| 4       | 930QSKFMP-07       | Pipe To Muffler                  | 1        |
| 5       | 930QSKFMP-08       | Pipe Via Horse Collar            | 1        |
| 6       | 930QSKFMP-09       | 10" 90° Pipe To Muffler          | 1        |
| 7       | 930QSKFMP-10       | Muffler                          | 2        |
| 8       | 930QSKFMP-11       | Down Spout                       | 2        |
| 9       | 930QSKFMP-12       | Muffler Saddle                   | 2        |
| 10      | VB10               | 10" V-Band Clamp                 | 8        |
| 11      | NSVS10             | 10" Insulated V-Band Clamp Cover | 4        |
| 12      | EXH18              | 18" Exhaust Hanger               | 2        |
|         | <b>930-4QSKFMP</b> | <b>COMPLETE EXHAUST SYSTEM</b>   | <b>1</b> |

**Note:** Our standard kits come with ridged and flared connections, which are easy to install. For an additional cost, we can provide machine flange connections that are stronger and more compatible with some OEM systems.

# KOMATSU 930E CUMMINS QSK 60 STAGE TWO ENGINE TO HORSE COLLAR INSULATED EXHAUST SYSTEM

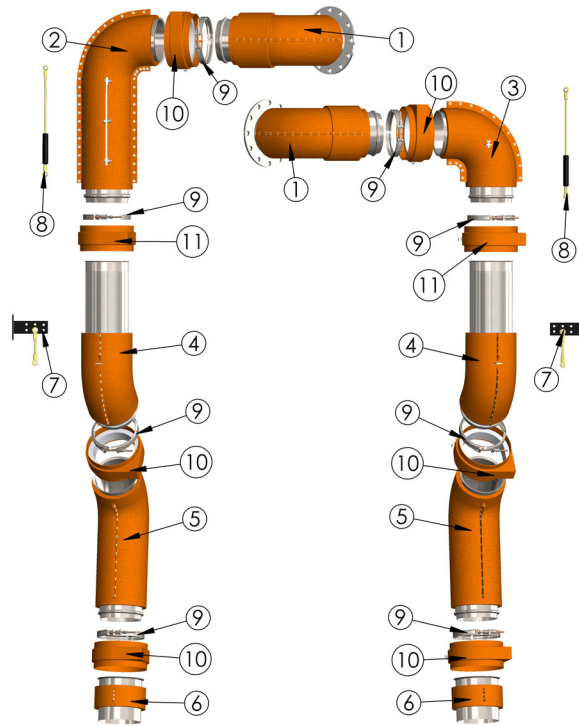


| LABEL # | PART #          | DESCRIPTION                      | QTY      |
|---------|-----------------|----------------------------------|----------|
| 1       | 930QSK2-NS01    | Turbo Pipe Off Engine            | 2        |
| 2       | 930QSK2-NS02    | 10" 90° Elbow With Long Leg      | 1        |
| 3       | 930QSK2-NS03    | 10" 90° Elbow With Short Leg     | 1        |
| 4       | FC10            | 10" Stainless Steel Flex Pipe    | 2        |
| 5       | SHN001          | Pre-Loaded Spring Hanger         | 2        |
| 6       | VB10            | 10" V-Band Clamp                 | 4        |
| 7       | NSVS10          | 10" Insulated V-Band Clamp Cover | 2        |
| 8       | HCVS10          | Horse Collar Clamp Cover         | 2        |
|         | <b>QSK60SK2</b> | <b>COMPLETE EXHAUST SYSTEM</b>   | <b>1</b> |

**Note:** Our standard kits come with ridged and flared connections, which are easy to install. For an additional cost, we can provide machine flange connections that are stronger and more compatible with some OEM systems.



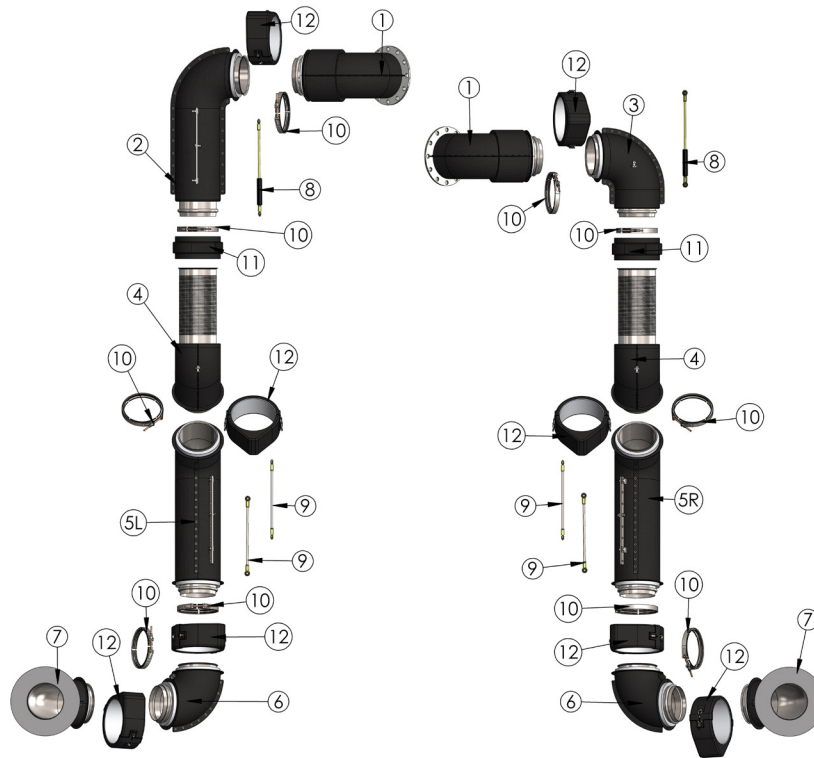
# KOMATSU 930E CUMMINS QSK 60 STAGE TWO ENGINE TO LOWER HEATED BOX INSULATED EXHAUST SYSTEM



| LABEL # | PART #         | DESCRIPTION                      | QTY      |
|---------|----------------|----------------------------------|----------|
| 1       | 930QSK2-NS01   | Turbo Pipe Off Engine            | 2        |
| 2       | 930QSK2-NS02   | 10" 90° Elbow With Long Leg      | 1        |
| 3       | 930QSK2-NS03   | 10" 90° Elbow With Short Leg     | 1        |
| 4       | 930-HBNS-01    | Flex Pipe With 52° Elbow         | 2        |
| 5       | 930-HBNS-02    | 10" 59° Elbow                    | 2        |
| 6       | 930-HBNS-03    | 10" Straight Pipe To Heated Box  | 2        |
| 7       | SCH10          | Channel Hanger With 6" Rod       | 2        |
| 8       | SHN001         | Pre-Loaded Spring Hanger         | 2        |
| 9       | VB10           | 10" V-Band Clamp                 | 8        |
| 10      | NSVS10         | 10" Insulated V-Band Clamp Cover | 6        |
| 11      | HCVS10         | Horse Collar Clamp Cover         | 2        |
| 12      | 273V           | High Heat O-Ring                 | 8        |
|         | <b>QSK60CK</b> | <b>COMPLETE EXHAUST SYSTEM</b>   | <b>1</b> |

**Note:** Our standard kits come with ridged and flared connections, which are easy to install. For an additional cost, we can provide machine flange connections that are stronger and more compatible with some OEM systems.

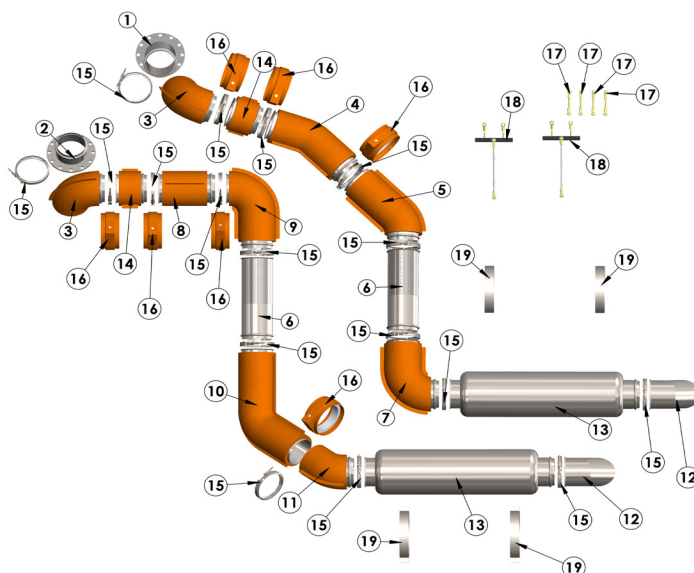
# KOMATSU 930E CUMMINS QSK 60 STAGE TWO ENGINE TO UPPER HEATED BOX INSULATED EXHAUST SYSTEM



| LABEL # | PART #         | DESCRIPTION                                | QTY      |
|---------|----------------|--------------------------------------------|----------|
| 1       | 930QSKNCP-01   | 10" 60° Flanged Turbo Bellows Pipe         | 2        |
| 2       | 930QSKNCP-02   | 10" 90° Elbow With Long Leg                | 1        |
| 3       | 930QSKNCP-03   | 90° Elbow With Short Leg                   | 1        |
| 4       | 930QSKNCP-04   | 47° Via Horse Collar Pipe                  | 2        |
| 5L      | 930QSKNCP-05L  | 55° Mid Pipe Driver Side                   | 1        |
| 5R      | 930QSKNCP-05R  | 55° Mid Pipe Passenger Side                | 1        |
| 6       | 930QSKNCP-06   | 90° To Upper Heated Box                    | 2        |
| 7       | 930QSKNCP-07   | 65° To Upper Heated Box                    | 2        |
| 8       | SHN001         | Pre-Loaded Spring Hanger                   | 2        |
| 9       | EXH36          | 36" Exhaust Hanger                         | 4        |
| 10      | VB10           | 10" V-Band Clamp                           | 10       |
| 11      | HCV10          | Horse Collar Clamp Cover                   | 2        |
| 12      | NSVS210        | Two-Piece 10" Insulated V-Band Clamp Cover | 8        |
|         | <b>930QSK2</b> | <b>COMPLETE EXHAUST SYSTEM</b>             | <b>1</b> |

**Note:** Our standard kits come with ridged and flared connections, which are easy to install. For an additional cost, we can provide machine flange connections that are stronger and more compatible with some OEM systems.

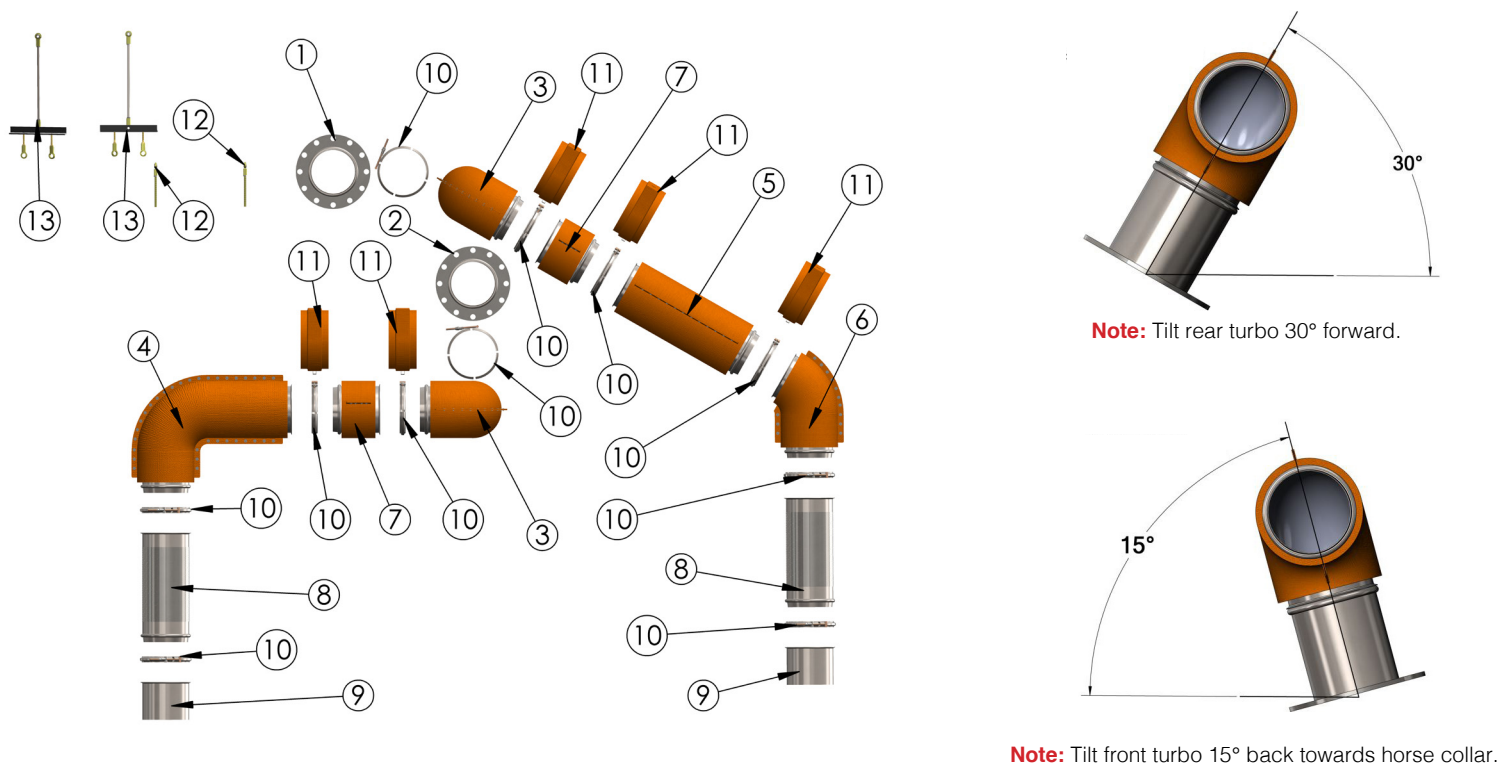
# KOMATSU 930E-2 FENDER MOUNT DETROIT DIESEL 16V 4000 INSULATED EXHAUST SYSTEM



| LABEL # | PART #          | DESCRIPTION                      | QTY      |
|---------|-----------------|----------------------------------|----------|
| 1       | 930-16DF-01     | 11" Flanged Turbo Pipe           | 1        |
| 2       | 930-16DF-02     | 5" Flanged Turbo Pipe            | 1        |
| 3       | 930-16DF-03     | 10" Standard 90° Elbow           | 2        |
| 4       | 930-16DF-04     | 10" 30° Elbow With Leg           | 1        |
| 5       | 930-16DF-05     | 10" 59° Elbow                    | 1        |
| 6       | 930-16DF-06     | 10" Stainless Steel Flex Pipe    | 2        |
| 7       | 930-16DF-07     | 10" 90° Elbow With Leg           | 1        |
| 8       | 930-16DF-08     | 10" Straight Pipe                | 1        |
| 9       | 930-16DF-09     | 10" 90° Elbow With Leg           | 1        |
| 10      | 930-16DF-10     | 10" 59° Elbow With Leg           | 1        |
| 11      | 930-16DF-11     | 10" 45° Elbow With Leg           | 1        |
| 12      | EXS10           | 10" Muffler Down Spout           | 2        |
| 13      | EXMV1610        | 16" Diameter Muffler             | 2        |
| 14      | BC10            | 10" Bellows Pipe                 | 2        |
| 15      | VB10            | 10" V-Band Clamp                 | 17       |
| 16      | VS10            | 10" Insulated V-Band Clamp Cover | 7        |
| 17      | EXH18           | 18" Exhaust Hanger               | 4        |
| 18      | BCH10           | 10" Bellows Hanger Kit           | 2        |
| 19      | MB16            | 16" Muffler Bracket              | 4        |
|         | <b>930-16DF</b> | <b>COMPLETE EXHAUST SYSTEM</b>   | <b>1</b> |

**Notes:** This system runs from the engine compartment to the horse collar. Both banks go to the right side of the horse collar. Our standard kits come with ridged and flared connections, which are easy to install. For an additional cost, we can provide machine flange connections that are stronger and more compatible with some OEM systems.

# KOMATSU 930E DETROIT DIESEL 16V 4000 ENGINE TO HORSE COLLAR INSULATED EXHAUST SYSTEM

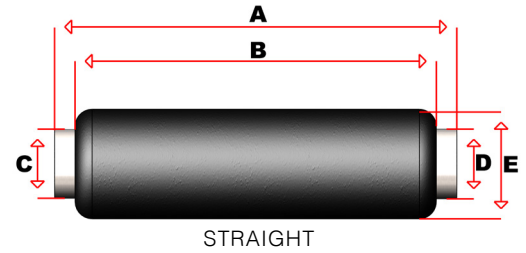
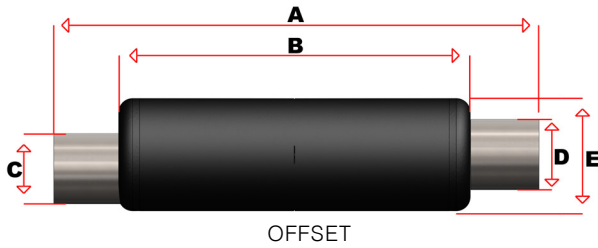


| LABEL # | PART #            | DESCRIPTION                             | QTY      |
|---------|-------------------|-----------------------------------------|----------|
| 1       | 930-16-01F        | 2.5" Flanged Pipe                       | 1        |
| 2       | 930-16-01B        | 5" Flanged Pipe                         | 1        |
| 3       | 930-16-02         | 10" Standard 90° Elbow                  | 2        |
| 4       | 930-16-03         | 10" 90° Elbow With Leg                  | 1        |
| 5       | 930-16-04         | 29" Of Straight Pipe                    | 1        |
| 6       | 930-16-05         | 10" 60° Elbow                           | 1        |
| 7       | BC10              | 10" Bellows Pipe                        | 2        |
| 8       | FCA10             | 10" Stainless Steel Flex Connector Pipe | 2        |
| 9       | AD10              | 10" Flex Pipe Adaptor                   | 2        |
| 10      | VB10              | 10" V-Band Clamp                        | 11       |
| 11      | VS10              | 10" Insulated V-Band Clamp Cover        | 5        |
| 12      | EXH18             | 18" Exhaust Hanger                      | 2        |
| 13      | BCH10             | 10" Bellows Hanger Kit                  | 2        |
|         | <b>930-16-EXS</b> | <b>COMPLETE EXHAUST SYSTEM</b>          | <b>1</b> |

**Note:** Our standard kits come with ridged and flared connections, which are easy to install. For an additional cost, we can provide machine flange connections that are stronger and more compatible with some OEM systems.

# MUFFLERS

# 16" DIAMETER ID / OD MUFFLERS



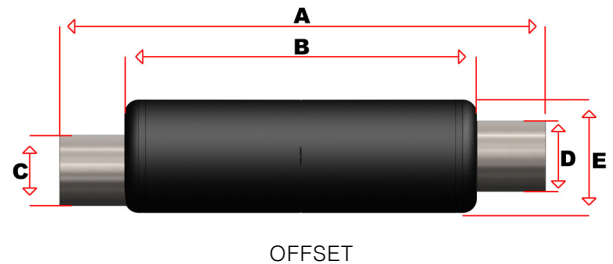
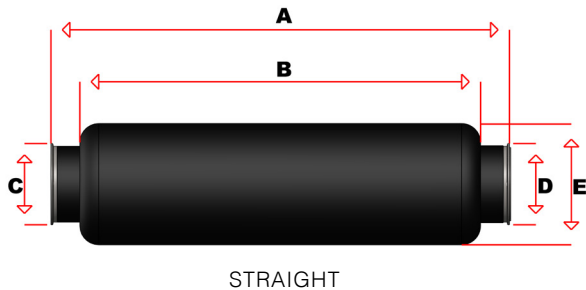
## 16" DIAMETER ID / OD MUFFLERS OFFSET (EXMO) OR STRAIGHT (EXMI)

| PART #    | A       | B    | C   | D   | E   | INLET     |
|-----------|---------|------|-----|-----|-----|-----------|
|           | OVERALL | BODY | ID  | OD  | DIA | OFFSET    |
| EXM016 8  | 59"     | 54"  | 8"  | 8"  | 16" | 2" Offset |
| EXMI16 8  | 59"     | 54"  | 8"  | 8"  | 16" | Centre    |
| EXMO16 10 | 59"     | 54"  | 10" | 10" | 16" | 2" Offset |
| EXMI16 10 | 59"     | 54"  | 10" | 10" | 16" | Centre    |

**Note:** Inlet is ID, outlet is OD. A and B are customizable.

# 16" DIAMETER V-BAND STYLE MUFFLERS

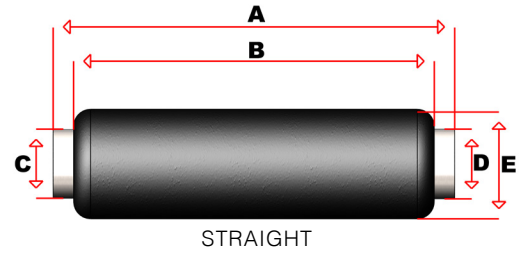
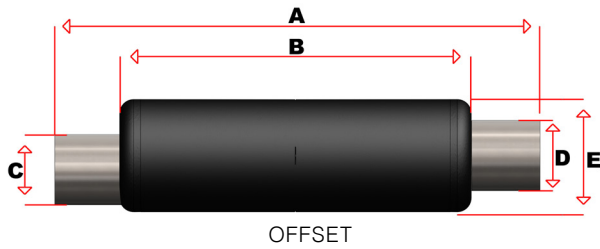
These mufflers are typically used on 12V & 16V Detroit and Cummins engines.



## 16" DIAMETER V-BAND STYLE MUFFLERS STRAIGHT (EXMV) OR OFFSET (EXMVO)

| PART #     | A       | B    | C   | D   | E   | INLET     |
|------------|---------|------|-----|-----|-----|-----------|
|            | OVERALL | BODY | ID  | OD  | DIA | OFFSET    |
| EXMV16 8   | 59"     | 54"  | 8"  | 8"  | 16" | Centre    |
| EXMVO16 8  | 59"     | 54"  | 8"  | 8"  | 16" | 2" Offset |
| EXMV16 10  | 59"     | 54"  | 10" | 10" | 16" | Centre    |
| EXMVO16 10 | 59"     | 54"  | 10" | 10" | 16" | 2" Offset |

# 18" DIAMETER ID / OD MUFFLERS

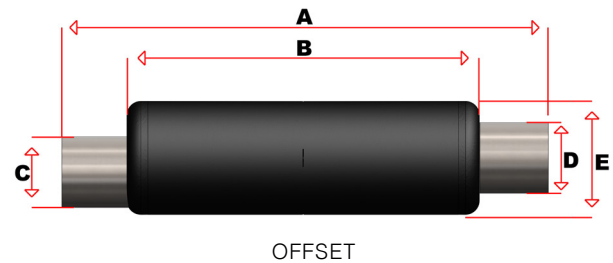
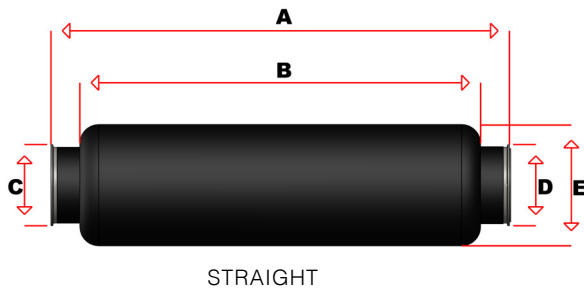


## 18" DIAMETER ID / OD MUFFLERS OFFSET (EXMO) OR STRAIGHT (EXMI)

| PART #    | A       | B    | C   | D   | E   | INLET     |
|-----------|---------|------|-----|-----|-----|-----------|
|           | OVERALL | BODY | ID  | OD  | DIA | OFFSET    |
| EXMO18 8  | 59"     | 54"  | 8"  | 8"  | 18" | 2" Offset |
| EXMI18 8  | 59"     | 54"  | 8"  | 8"  | 18" | Centre    |
| EXMO18 10 | 59"     | 54"  | 10" | 10" | 18" | 2" Offset |
| EXMI18 10 | 59"     | 54"  | 10" | 10" | 18" | Centre    |
| EXMO18 12 | 59"     | 54"  | 12" | 12" | 18" | 2" Offset |
| EXMI18 12 | 59"     | 54"  | 12" | 12" | 18" | Centre    |

**Note:** Inlet is ID, outlet is OD. A and B are customizable.

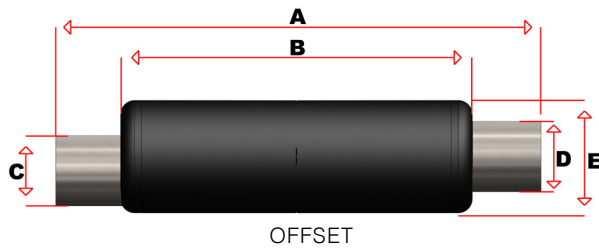
# 18" DIAMETER V-BAND STYLE MUFFLERS



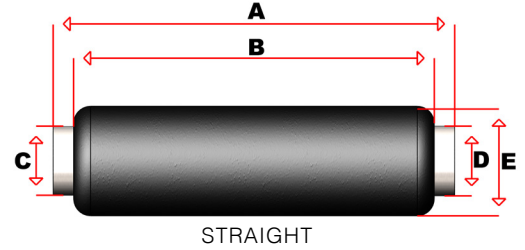
## 18" DIAMETER V-BAND STYLE MUFFLERS STRAIGHT (EXMV) OR OFFSET (EXMVO)

| PART #     | A       | B    | C   | D   | E   | INLET     |
|------------|---------|------|-----|-----|-----|-----------|
|            | OVERALL | BODY | ID  | OD  | DIA | OFFSET    |
| EXMV18 8   | 59"     | 54"  | 8"  | 8"  | 18" | Centre    |
| EXMVO18 8  | 59"     | 54"  | 8"  | 8"  | 18" | 2" Offset |
| EXMV18 10  | 59"     | 54"  | 10" | 10" | 18" | Centre    |
| EXMVO18 10 | 59"     | 54"  | 10" | 10" | 18" | 2" Offset |
| EXMV18 12  | 59"     | 54"  | 12" | 12" | 18" | Centre    |
| EXMVO18 12 | 59"     | 54"  | 12" | 12" | 18" | 2" Offset |

## 20" DIAMETER ID / OD MUFFLERS



OFFSET



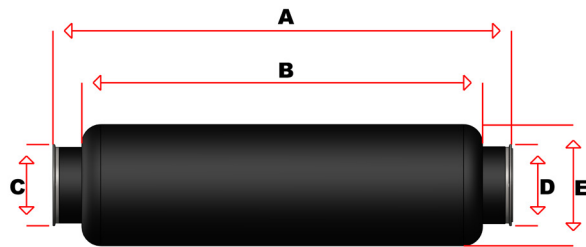
STRAIGHT

### 20" DIAMETER ID / OD MUFFLERS OFFSET (EXMO) OR STRAIGHT (EXMI)

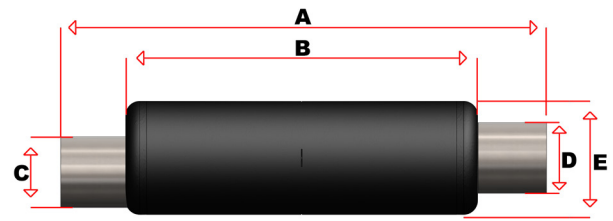
| PART #    | A       | B    | C   | D   | E   | INLET     |
|-----------|---------|------|-----|-----|-----|-----------|
|           | OVERALL | BODY | ID  | OD  | DIA | OFFSET    |
| EXM020 10 | 59"     | 54"  | 10" | 10" | 20" | 2" Offset |
| EXMI20 10 | 59"     | 54"  | 10" | 10" | 20" | Centre    |
| EXMO20 12 | 59"     | 54"  | 12" | 12" | 20" | 2" Offset |
| EXMI20 12 | 59"     | 54"  | 12" | 12" | 20" | Centre    |

**Note:** Inlet is ID, outlet is OD. A and B are customizable.

## 20" DIAMETER V-BAND STYLE MUFFLERS



STRAIGHT



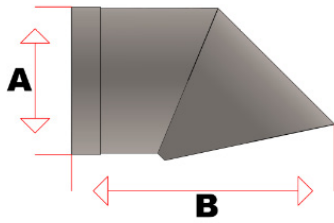
OFFSET

### 20" DIAMETER V-BAND STYLE MUFFLERS STRAIGHT (EXMV) OR OFFSET (EXMVO)

| PART #     | A       | B    | C   | D   | E   | INLET     |
|------------|---------|------|-----|-----|-----|-----------|
|            | OVERALL | BODY | ID  | OD  | DIA | OFFSET    |
| EXMV20 10  | 59"     | 54"  | 10" | 10" | 20" | Centre    |
| EXMVO20 10 | 59"     | 54"  | 10" | 10" | 20" | 2" Offset |
| EXMV20 12  | 59"     | 54"  | 12" | 12" | 20" | Centre    |
| EXMVO20 12 | 59"     | 54"  | 12" | 12" | 20" | 2" Offset |



# ID / OD MUFFLER DOWN SPOUTS

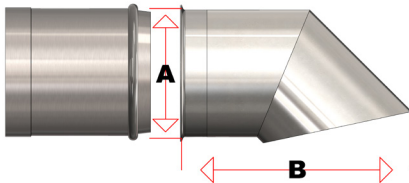


8", 10" & 12" ID / OD MUFFLER DOWN SPOUTS

| PART # | A   | B   |
|--------|-----|-----|
| EXS 8  | 8"  | 16" |
| EXS 10 | 10" | 16" |
| EXS 12 | 12" | 16" |

# V-BAND STYLE MUFFLER DOWN SPOUTS

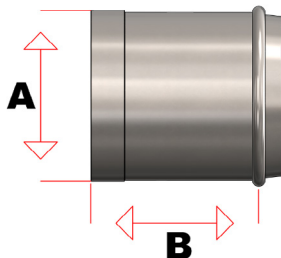
**Note:** This diagram shows how the V-band style mufflers and down spouts fit together.



8", 10" & 12" V-BAND STYLE MUFFLER DOWN SPOUTS

| PART #  | A   | B   |
|---------|-----|-----|
| EXSV 8  | 8"  | 16" |
| EXSV 10 | 10" | 16" |
| EXSV 12 | 12" | 16" |

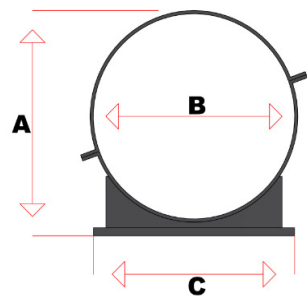
# MALE V-BAND STYLE MUFFLER ADAPTORS



8", 10" & 12" V-BAND STYLE MUFFLER ADAPTORS

| PART #  | A   | B      |
|---------|-----|--------|
|         | ID  | LENGTH |
| ADMV 8  | 8"  | 10"    |
| ADMV 10 | 10" | 10"    |
| ADMV 12 | 12" | 10"    |

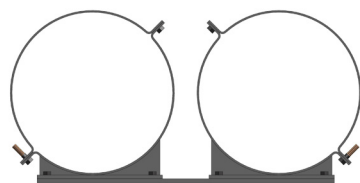
# SINGLE MUFFLER MOUNTING BRACKETS



16", 18 & 20" SINGLE MUFFLER MOUNTING BRACKETS

| PART # | A      | B   | C   |
|--------|--------|-----|-----|
| MB16   | 17.75" | 16" | 14" |
| MB18   | 17.75" | 18" | 16" |
| MB20   | 17.75" | 20" | 18" |

# DOUBLE MUFFLER MOUNTING BRACKETS

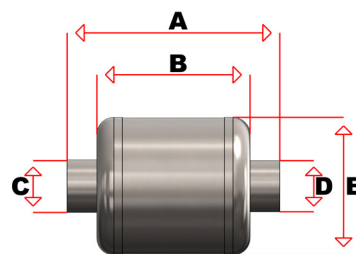


16", 18" & 20" DOUBLE MUFFLER MOUNTING BRACKETS

| PART # | A      | B   | C   | D   |
|--------|--------|-----|-----|-----|
| MBD16  | 17.75" | 16" | 32" | 34" |
| MBD18  | 17.75" | 18" | 34" | 38" |
| MBD20  | 17.75" | 20" | 40" | 42" |

## BTS STYLE MUFFLERS

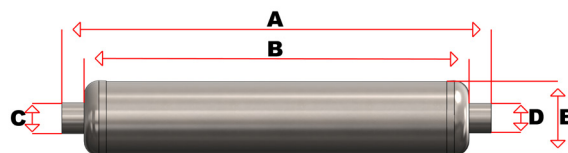
**Notes:** Custom sizes available.



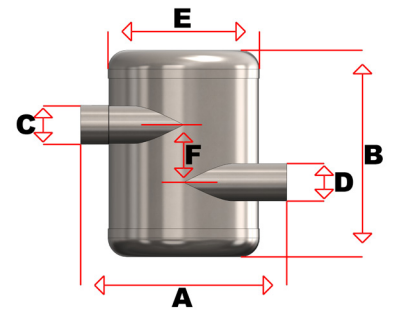
| PART #      | A       | B           | C    | D    | E   |
|-------------|---------|-------------|------|------|-----|
|             | OVERALL | BODY LENGTH | ID   | OD   | DIA |
| BTS 0612 15 | 16.5"   | 12"         | 1.5" | 1.5" | 6"  |
| BTS 0812 15 | 17"     | 12"         | 1.5" | 1.5" | 8"  |
| BTS 0812 20 | 17"     | 12"         | 2"   | 2"   | 8"  |
| BTS 0812 25 | 17"     | 12"         | 2.5" | 2.5" | 8"  |
| BTS 1213 30 | 19"     | 13"         | 3"   | 3"   | 12" |
| BTS 1213 35 | 19"     | 13"         | 3.5" | 3.5" | 12" |
| BTS 1213 40 | 19"     | 13"         | 4"   | 4"   | 12" |
| BTS 1416 50 | 25"     | 16"         | 5"   | 5"   | 14" |
| BTS 1616 50 | 25"     | 16"         | 5"   | 5"   | 16" |
| BTS 1418 60 | 25"     | 18"         | 6"   | 6"   | 14" |
| BTS 1618 60 | 25"     | 18"         | 6"   | 6"   | 16" |

## ANT STYLE MUFFLERS

**Notes:** These mufflers are designed for turbo or naturally aspirated engines. Custom sizes available.



| PART #      | A       | B           | C    | D    | E   |
|-------------|---------|-------------|------|------|-----|
|             | OVERALL | BODY LENGTH | ID   | OD   | DIA |
| ANT10936 30 | 42"     | 36"         | 3"   | 3"   | 9"  |
| ANT11045 35 | 51"     | 45"         | 3.5" | 3.5" | 10" |
| ANT11045 40 | 51"     | 45"         | 4"   | 4"   | 10" |
| ANT11045 50 | 51"     | 45"         | 5"   | 5"   | 10" |
| ANT11045 60 | 51"     | 45"         | 6"   | 6"   | 10" |
| ANT11052 40 | 58"     | 52"         | 4"   | 4"   | 10" |
| ANT11245 40 | 51"     | 45"         | 4"   | 4"   | 12" |
| ANT11245 50 | 51"     | 45"         | 5"   | 5"   | 12" |
| ANT11245 60 | 51"     | 45"         | 6"   | 6"   | 12" |
| ANT11445 60 | 51"     | 45"         | 6"   | 6"   | 14" |
| ANT11452 60 | 58"     | 52"         | 6"   | 6"   | 14" |



## C SERIES STYLE MUFFLERS

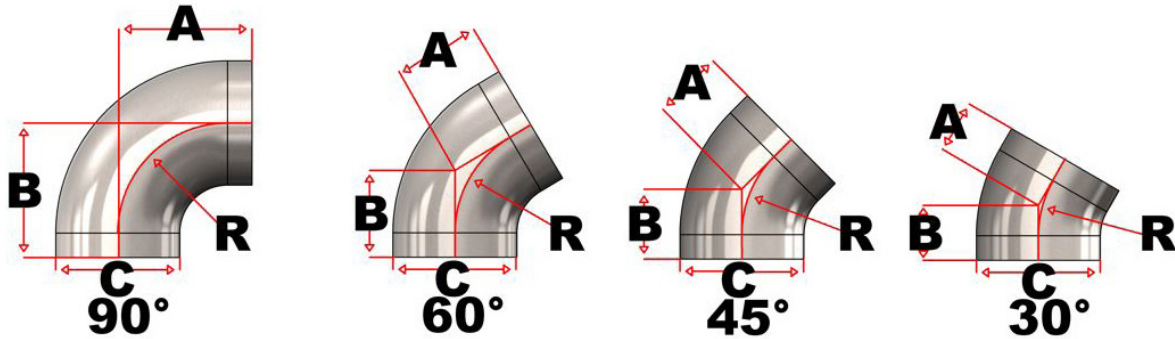
**Notes:** Custom sizes available.

| PART # | A      | B           | C    | D    | E   | F      |
|--------|--------|-------------|------|------|-----|--------|
|        |        | BODY LENGTH | ID   | OD   | DIA | IN/OUT |
| C10250 | 13.75" | 14.5"       | 2.5" | 2.5" | 10" | 4.125" |
| C10300 | 13.75" | 16"         | 3"   | 3"   | 10" | 4.125" |
| C12300 | 16.5"  | 17.5"       | 3"   | 3"   | 12" | 4.625" |
| C12350 | 16.5"  | 19.5"       | 3.5" | 3.5" | 12" | 4.625" |
| C14350 | 19.75" | 20"         | 3.5" | 3.5" | 14" | 5.125" |
| C14400 | 19.75" | 21"         | 4"   | 4"   | 14" | 5.125" |
| C16400 | 22"    | 22"         | 4"   | 4"   | 16" | 6.125" |
| C16500 | 22"    | 23.5"       | 5"   | 5"   | 16" | 6.125" |
| C18500 | 24.75" | 24"         | 5"   | 5"   | 18" | 7.125" |
| C18600 | 24.75" | 29"         | 6"   | 6"   | 18" | 7.125" |
| C20500 | 27.5"  | 27"         | 5"   | 5"   | 20" | 7.125" |
| C20600 | 27.5"  | 30"         | 6"   | 6"   | 20" | 8"     |
| C24600 | 33"    | 33"         | 6"   | 6"   | 24" | 9.125" |
| C24800 | 33"    | 36"         | 8"   | 8"   | 24" | 9.125" |

# EXHAUST ACCESS- ORIES

# EXHAUST ELBOWS

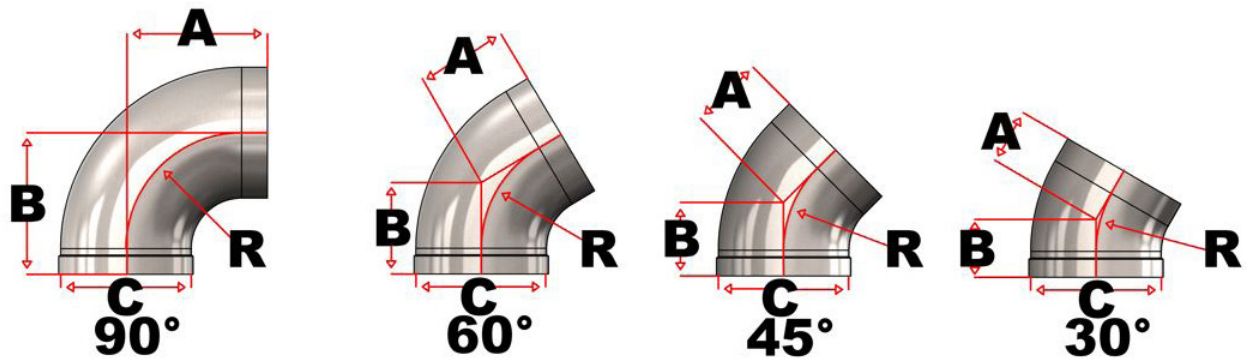
CUSTOM SIZES AVAILABLE



## OD OD 90° 60° 45° & 30° ELBOWS

| PART #   | A          | B          | C   | R      |
|----------|------------|------------|-----|--------|
|          | LEG LENGTH | LEG LENGTH | DIA | RADIUS |
| ELX90 8  | 13"        | 13"        | 8"  | 9"     |
| ELX90 10 | 13"        | 13"        | 10" | 9"     |
| ELX90 12 | 13"        | 13"        | 12" | 9"     |
| ELX60 8  | 9.25"      | 9.25"      | 8"  | 9"     |
| ELX60 10 | 9.25"      | 9.25"      | 10" | 9"     |
| ELX60 12 | 9.25"      | 9.25"      | 12" | 9"     |
| ELX45 8  | 7.75"      | 7.75"      | 8"  | 9"     |
| ELX45 10 | 7.75"      | 7.75"      | 10" | 9"     |
| ELX45 12 | 7.75"      | 7.75"      | 12" | 9"     |
| ELX30 8  | 6.5"       | 6.5"       | 8"  | 9"     |
| ELX30 10 | 6.5"       | 6.5"       | 10" | 9"     |
| ELX30 12 | 6.5"       | 6.5"       | 12" | 9"     |

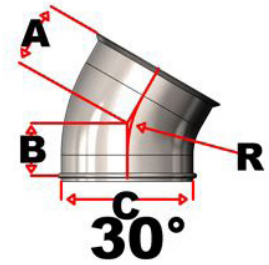
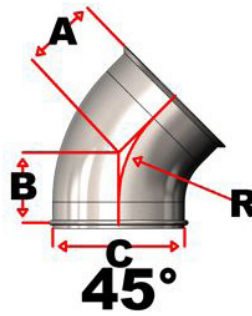
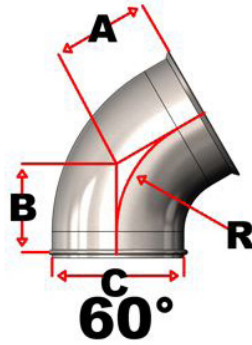
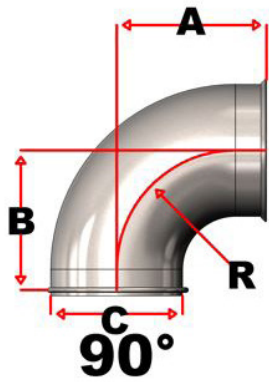
## CUSTOM SIZES AVAILABLE



### ID OD 90° 60° 45° & 30° ELBOWS

| PART #    | A          | B          | C   | R      |
|-----------|------------|------------|-----|--------|
|           | LEG LENGTH | LEG LENGTH | DIA | RADIUS |
| ELXI90 8  | 13"        | 13"        | 8"  | 9"     |
| ELXI90 10 | 13"        | 13"        | 10" | 9"     |
| ELXI90 12 | 13"        | 13"        | 12" | 9"     |
| ELXI60 8  | 9.25"      | 9.25"      | 8"  | 9"     |
| ELXI60 10 | 9.25"      | 9.25"      | 10" | 9"     |
| ELXI60 12 | 9.25"      | 9.25"      | 12" | 9"     |
| ELXI45 8  | 7.75"      | 7.75"      | 8"  | 9"     |
| ELXI45 10 | 7.75"      | 7.75"      | 10" | 9"     |
| ELXI45 12 | 7.75"      | 7.75"      | 12" | 9"     |
| ELXI30 8  | 6.5"       | 6.5"       | 8"  | 9"     |
| ELXI30 10 | 6.5"       | 6.5"       | 10" | 9"     |
| ELXI30 12 | 6.5"       | 6.5"       | 12" | 9"     |

## CUSTOM SIZES AVAILABLE



### V-BAND 90° 60° 45° & 30° ELBOWS

| PART #    | A          | B          | C   | R      |
|-----------|------------|------------|-----|--------|
|           | LEG LENGTH | LEG LENGTH | DIA | RADIUS |
| ELXV90 8  | 10"        | 10"        | 8"  | 9"     |
| ELXV90 10 | 10"        | 10"        | 10" | 9"     |
| ELXV90 12 | 10"        | 10"        | 12" | 9"     |
| ELXV60 8  | 6.25"      | 6.25"      | 8"  | 9"     |
| ELXV60 10 | 6.25"      | 6.25"      | 10" | 9"     |
| ELXV60 12 | 6.25"      | 6.25"      | 12" | 9"     |
| ELXV45 8  | 4.75"      | 4.75"      | 8"  | 9"     |
| ELXV45 10 | 4.75"      | 4.75"      | 10" | 9"     |
| ELXV45 12 | 4.75"      | 4.75"      | 12" | 9"     |
| ELXV30 8  | 3.5"       | 3.5"       | 8"  | 9"     |
| ELXV30 10 | 3.5"       | 3.5"       | 10" | 9"     |
| ELXV30 12 | 3.5"       | 3.5"       | 12" | 9"     |



# ALUMINIZED EXHAUST REDUCERS / ADAPTORS

## CUSTOM SIZES AVAILABLE

**STYLE 1  
USE CLAMP**



| PART #  | ID  | OD  |
|---------|-----|-----|
| 4030RD1 | 4"  | 3"  |
| 5040RD1 | 5"  | 4"  |
| 6050RD1 | 6"  | 5"  |
| 7060RD1 | 7"  | 6"  |
| 8070RD1 | 8"  | 7"  |
| 1080RD1 | 10" | 8"  |
| 1210RD1 | 12" | 10" |

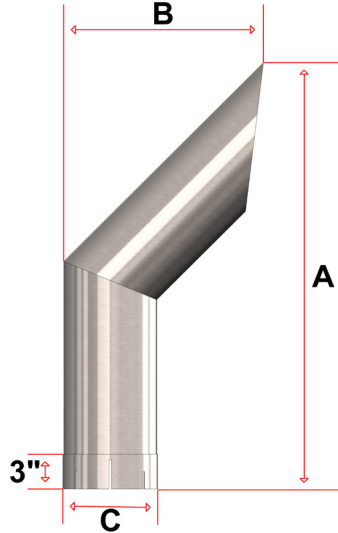
**STYLE 2  
WELD ON**



| PART #  | ID  | OD  |
|---------|-----|-----|
| 4030RD2 | 4"  | 3"  |
| 5040RD2 | 5"  | 4"  |
| 6050RD2 | 6"  | 5"  |
| 7060RD2 | 7"  | 6"  |
| 8070RD2 | 8"  | 7"  |
| 1080RD2 | 10" | 8"  |
| 1210RD2 | 12" | 10" |

# ALUMINIZED EXHAUST STACKS

## CUSTOM STACKS AVAILABLE



**2"**

| PART #  | A      | B     | C  |
|---------|--------|-------|----|
|         | HEIGHT | WIDTH | ID |
| SK21410 | 14"    | 10"   | 2" |
| SK21810 | 18"    | 10"   | 2" |
| SK22410 | 24"    | 10"   | 2" |
| SK23010 | 30"    | 10"   | 2" |
| SK23610 | 36"    | 10"   | 2" |
| SK24210 | 42"    | 10"   | 2" |
| SK24810 | 48"    | 10"   | 2" |

**2.5"**

| PART #   | A      | B     | C    |
|----------|--------|-------|------|
|          | HEIGHT | WIDTH | ID   |
| SK251410 | 14"    | 10"   | 2.5" |
| SK251810 | 18"    | 10"   | 2.5" |
| SK252410 | 24"    | 10"   | 2.5" |
| SK253010 | 30"    | 10"   | 2.5" |
| SK253610 | 36"    | 10"   | 2.5" |
| SK254210 | 42"    | 10"   | 2.5" |
| SK254810 | 48"    | 10"   | 2.5" |

**3"**

| PART #  | A      | B     | C  |
|---------|--------|-------|----|
|         | HEIGHT | WIDTH | ID |
| SK31410 | 14"    | 10"   | 3" |
| SK31610 | 16"    | 10"   | 3" |
| SK31810 | 18"    | 10"   | 3" |
| SK32410 | 24"    | 10"   | 3" |
| SK33010 | 30"    | 10"   | 3" |
| SK33610 | 36"    | 10"   | 3" |
| SK34210 | 42"    | 10"   | 3" |
| SK34810 | 48"    | 10"   | 3" |

**3.5"**

| PART #   | A      | B     | C    |
|----------|--------|-------|------|
|          | HEIGHT | WIDTH | ID   |
| SK351410 | 14"    | 10"   | 3.5" |
| SK351610 | 16"    | 10"   | 3.5" |
| SK351810 | 18"    | 10"   | 3.5" |
| SK352410 | 24"    | 10"   | 3.5" |
| SK353010 | 30"    | 10"   | 3.5" |
| SK353610 | 36"    | 10"   | 3.5" |
| SK354210 | 42"    | 10"   | 3.5" |
| SK354810 | 48"    | 10"   | 3.5" |

**4"**

| PART #  | A      | B     | C  |
|---------|--------|-------|----|
|         | HEIGHT | WIDTH | ID |
| SK41610 | 16"    | 10"   | 4" |
| SK42010 | 20"    | 10"   | 4" |
| SK42410 | 24"    | 10"   | 4" |
| SK43010 | 30"    | 10"   | 4" |
| SK43610 | 36"    | 10"   | 4" |
| SK44210 | 42"    | 10"   | 4" |
| SK44810 | 48"    | 10"   | 4" |

**5"**

| <b>PART #</b> | <b>A</b>      | <b>B</b>     | <b>C</b>  |
|---------------|---------------|--------------|-----------|
|               | <b>HEIGHT</b> | <b>WIDTH</b> | <b>ID</b> |
| SK51810       | 18"           | 10"          | 5"        |
| SK52410       | 24"           | 10"          | 5"        |
| SK53010       | 30"           | 10"          | 5"        |
| SK53610       | 36"           | 10"          | 5"        |
| SK54210       | 42"           | 10"          | 5"        |
| SK54810       | 48"           | 10"          | 5"        |

**6"**

| <b>PART #</b> | <b>A</b>      | <b>B</b>     | <b>C</b>  |
|---------------|---------------|--------------|-----------|
|               | <b>HEIGHT</b> | <b>WIDTH</b> | <b>ID</b> |
| SK61811       | 18"           | 11.5"        | 6"        |
| SK62411       | 24"           | 11.5"        | 6"        |
| SK63011       | 30"           | 11.5"        | 6"        |
| SK63611       | 36"           | 11.5"        | 6"        |
| SK64211       | 42"           | 11.5"        | 6"        |
| SK64811       | 48"           | 11.5"        | 6"        |

**7"**

| <b>PART #</b> | <b>A</b>      | <b>B</b>     | <b>C</b>  |
|---------------|---------------|--------------|-----------|
|               | <b>HEIGHT</b> | <b>WIDTH</b> | <b>ID</b> |
| SK72214       | 22"           | 14"          | 7"        |
| SK72614       | 26"           | 14"          | 7"        |
| SK73014       | 30"           | 14"          | 7"        |
| SK73614       | 36"           | 14"          | 7"        |
| SK74214       | 42"           | 14"          | 7"        |
| SK74814       | 48"           | 14"          | 7"        |

**8"**

| <b>PART #</b> | <b>A</b>      | <b>B</b>     | <b>C</b>  |
|---------------|---------------|--------------|-----------|
|               | <b>HEIGHT</b> | <b>WIDTH</b> | <b>ID</b> |
| SK82516       | 25"           | 16"          | 8"        |
| SK83016       | 30"           | 16"          | 8"        |
| SK83616       | 36"           | 16"          | 8"        |
| SK84216       | 42"           | 16"          | 8"        |
| SK48416       | 48"           | 16"          | 8"        |

# 10"

| PART #   | A      | B     | C   |
|----------|--------|-------|-----|
|          | HEIGHT | WIDTH | ID  |
| SK102822 | 28"    | 22"   | 10" |
| SK103622 | 36"    | 22"   | 10" |
| SK104222 | 42"    | 22"   | 10" |
| SK104822 | 48"    | 22"   | 10" |

# 12"

| PART #   | A      | B     | C   |
|----------|--------|-------|-----|
|          | HEIGHT | WIDTH | ID  |
| SK123226 | 32"    | 26"   | 12" |
| SK123626 | 36"    | 26"   | 12" |
| SK124226 | 42"    | 26"   | 12" |
| SK124826 | 48"    | 26"   | 12" |

## ALUMINIZED EXHAUST TUBING



| PART #  | OD   | WALL THICKNESS |
|---------|------|----------------|
| EXT300  | 3"   | 0.083"         |
| EXT350  | 3.5" | 0.083"         |
| EXT400  | 4"   | 0.083"         |
| EXT500  | 5"   | 0.083"         |
| EXT600  | 6"   | 0.083"         |
| EXT700  | 7"   | 0.083"         |
| EXT800  | 8"   | 0.083"         |
| EXT1000 | 10"  | 0.083"         |
| EXT1200 | 12"  | 0.083"         |

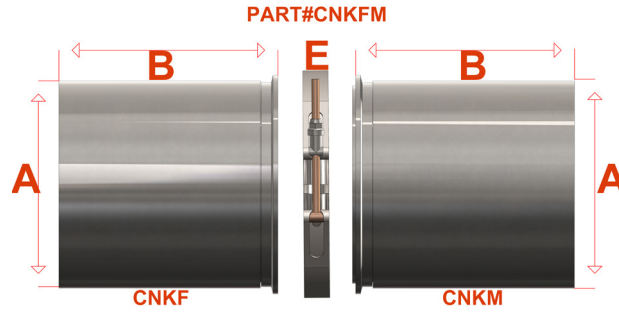
**Note:** Pipe from 3" OD to 7" OD comes in lengths of up to 10 ft. Pipe from 8" OD to 12" OD comes in lengths of up to 20 ft.

## STAINLESS STEEL EXHAUST TUBING

| PART #    | OD  | WALL THICKNESS |
|-----------|-----|----------------|
| EXT800SS  | 8"  | 0.109"         |
| EXT1000SS | 10" | 0.109"         |
| EXT1200SS | 12" | 0.109"         |

# V-BAND CONNECTOR KITS

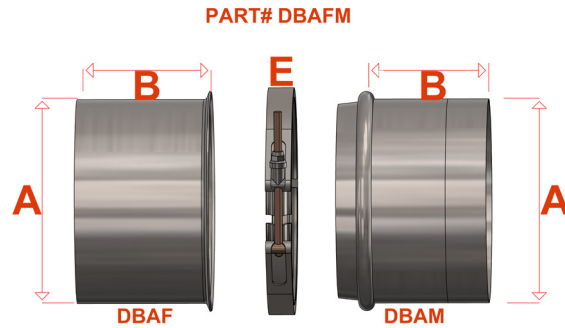
## MACHINE FLANGE



| PART # | A   | B      | PART # | A   | B      | E     | PART #  |
|--------|-----|--------|--------|-----|--------|-------|---------|
|        | OD  | LENGTH |        | OD  | LENGTH |       |         |
| CNKF10 | 10" | 5"     | CNKM10 | 10" | 5"     | VB100 | CNKFM10 |
| CNKF12 | 12" | 5"     | CNKM12 | 12" | 5"     | VB120 | CNKFM12 |

**Note:** Length is customizable.

## RIDGED & FLARED



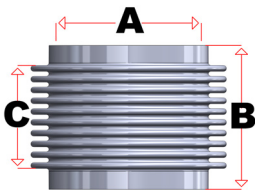
| PART # | A    | B      | PART # | A    | B      | E     | PART #  |
|--------|------|--------|--------|------|--------|-------|---------|
|        | OD   | LENGTH |        | OD   | LENGTH |       |         |
| DBAF30 | 3"   | 5"     | DBAM30 | 3"   | 5"     | VB30  | DBAFM30 |
| DBAF35 | 3.5" | 5"     | DBAM35 | 3.5" | 5"     | VB35  | DBAFM35 |
| DBAF40 | 4"   | 5"     | DBAM40 | 4"   | 5"     | VB40  | DBAFM40 |
| DBAF50 | 5"   | 5"     | DBAM50 | 5"   | 5"     | VB50  | DBAFM50 |
| DBAF60 | 6"   | 5"     | DBAM60 | 6"   | 5"     | VB60  | DBAFM60 |
| DBAF80 | 8"   | 5"     | DBAM80 | 8"   | 5"     | VB80  | DBAFM80 |
| DBAF10 | 10"  | 5"     | DBAM10 | 10"  | 5"     | VB100 | DBAFM10 |
| DBAF12 | 12"  | 5"     | DBAM12 | 12"  | 5"     | VB120 | DBAFM12 |

**Note:** Length is customizable.

# BELLOWS

# STAINLESS STEEL MULTI-PLY EXPANSION JOINT

## CUSTOM LENGTHS AVAILABLE



### Note:

Our stainless steel bellows are formed in series to absorb thermal movement and vibration in piping systems that transport high-temperature exhaust gases or steam.

| PART #  | A    | B      | C-SHORT     | MULTI |
|---------|------|--------|-------------|-------|
|         | ID   | LENGTH | LIVE LENGTH | PLY   |
| BC-3S   | 3"   | 5"     | 3"          | 2 Ply |
| BC-3.5S | 3.5" | 5"     | 3"          | 2 Ply |
| BC-4S   | 4"   | 5"     | 3"          | 2 Ply |
| BC-4.5S | 4.5" | 5"     | 3"          | 2 Ply |
| BC-5S   | 5"   | 5"     | 3"          | 2 Ply |
| BC-6S   | 6"   | 5"     | 3"          | 2 Ply |
| BC-8    | 8"   | 8"     | 6"          | 2 Ply |
| BC-10   | 10"  | 8"     | 6"          | 2 Ply |
| BC-12   | 12"  | 8"     | 6"          | 5 Ply |

| PART #  | A    | B      | C-LONG      | MULTI |
|---------|------|--------|-------------|-------|
|         | ID   | LENGTH | LIVE LENGTH | PLY   |
| BC-3L   | 3"   | 11"    | 9"          | 2 Ply |
| BC-3.5L | 3.5" | 11"    | 9"          | 2 Ply |
| BC-4L   | 4"   | 11"    | 9"          | 2 Ply |
| BC-4.5L | 4.5" | 11"    | 9"          | 2 Ply |
| BC-5L   | 5"   | 11"    | 9"          | 2 Ply |
| BC-6L   | 6"   | 11"    | 9"          | 2 Ply |

## STAINLESS STEEL FLEX PIPE

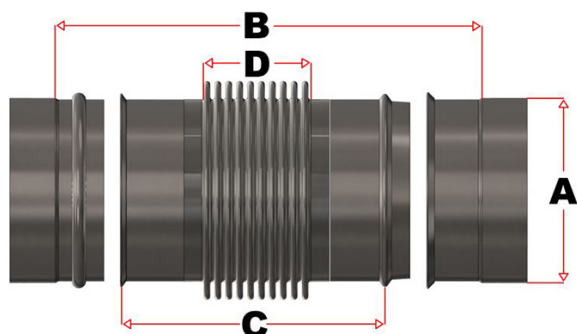


| PART #  | ID   | WALL THICKNESS |
|---------|------|----------------|
| FLX300  | 3"   | 0.024"         |
| FLX350  | 3.5" | 0.024"         |
| FLX400  | 4"   | 0.024"         |
| FLX450  | 4.5" | 0.024"         |
| FLX500  | 5"   | 0.024"         |
| FLX600  | 6"   | 0.024"         |
| FLX800  | 8"   | 0.024"         |
| FLX1000 | 10"  | 0.024"         |
| FLX1200 | 12"  | 0.024"         |



# BELLOWS CONNECTOR KIT

**CUSTOM LENGTHS AVAILABLE**



| PART #      | A    | B          | C              | D           |
|-------------|------|------------|----------------|-------------|
|             | ID   | KIT LENGTH | BELLOWS LENGTH | LIVE LENGTH |
| 2015083-3S  | 3"   | 11.25"     | 7.25"          | 3"          |
| 2015083-3L  | 3"   | 16.25"     | 13.25"         | 9"          |
| 2015083-35S | 3.5" | 11.25"     | 7.25"          | 3"          |
| 2015083-35L | 3.5" | 16.25"     | 13.25"         | 9"          |
| 2015083-4S  | 4"   | 11.25"     | 7.25"          | 3"          |
| 2015083-4L  | 4"   | 16.25"     | 13.25"         | 9"          |
| 2015083-5S  | 5"   | 11.25"     | 7.25"          | 3"          |
| 2015083-5L  | 5"   | 16.25"     | 13.25"         | 9"          |
| 2015083-6S  | 6"   | 11.25"     | 7.25"          | 3"          |
| 2015083-6L  | 6"   | 16.25"     | 13.25"         | 9"          |
| 2015083-7S  | 7"   | 9.875"     | 6.875"         | 2.625"      |
| 2015083-7L  | 7"   | 13.25"     | 10.25"         | 6"          |
| 2015083-8S  | 8"   | 10.25"     | 7.25"          | 3"          |
| 2015083-8L  | 8"   | 13.25"     | 10.25"         | 6"          |
| 2015083-10S | 10"  | 10.25"     | 7.25"          | 3"          |
| 2015083-10L | 10"  | 13.25"     | 10.25"         | 6"          |
| 2015083-12L | 12"  | 13.25"     | 10.25"         | 6"          |

**Note:** Kit includes bellows, male and female connectors, and two V-band clamps.

# CLAMPS

# HOSE CLAMPS

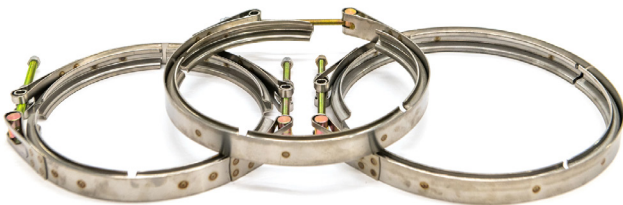
Heavy-duty clamps for rubber connectors and high-pressure applications.



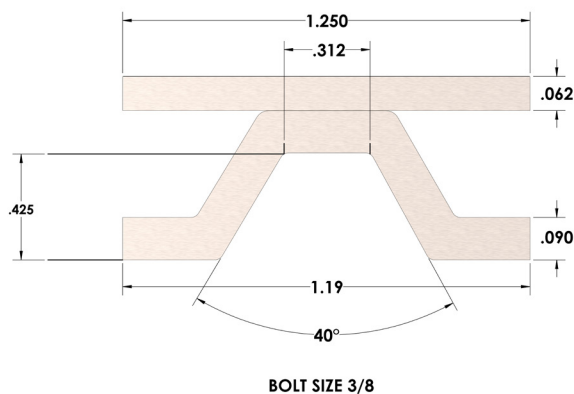
| PART #  | DESCRIPTION |      |        |    |        |  |
|---------|-------------|------|--------|----|--------|--|
| 130 140 | Fits        | 5"   | 5.11"  | To | 5.51"  |  |
| 150 162 | Fits        | 5.5" | 5.90"  | To | 6.37"  |  |
| 162 174 | Fits        | 6"   | 6.37"  | To | 6.85"  |  |
| 187 200 | Fits        | 7"   | 7.36"  | To | 7.87"  |  |
| 213 226 | Fits        | 8"   | 8.38"  | To | 8.89"  |  |
| 262 275 | Fits        | 10"  | 10.31" | To | 10.82" |  |
| 317 330 | Fits        | 12"  | 12.48" | To | 12.99" |  |

# STAINLESS STEEL V-BAND EXHAUST CLAMPS

Durable clamps that can be installed quickly and easily.



| PART # | CLAMP SIZE |
|--------|------------|
| VB6    | 6"         |
| VB7    | 7"         |
| VB8    | 8"         |
| VB10   | 10"        |
| VB12   | 12"        |



## STAINLESS STEEL FLAT BAND CLAMPS



| PART #  | DESCRIPTION              |
|---------|--------------------------|
| FBC200  | 2" SS Flat Band Clamp    |
| FBC225  | 2.25" SS Flat Band Clamp |
| FBC250  | 2.5" SS Flat Band Clamp  |
| FBC300  | 3" SS Flat Band Clamp    |
| FBC350  | 3.5" SS Flat Band Clamp  |
| FBC400  | 4" SS Flat Band Clamp    |
| FBC450  | 4.5" SS Flat Band Clamp  |
| FBC500  | 5" SS Flat Band Clamp    |
| FBC600  | 6" SS Flat Band Clamp    |
| FBC800  | 8" SS Flat Band Clamp    |
| FBC1000 | 10" SS Flat Band Clamp   |

## STAINLESS STEEL STEP BAND CLAMPS



| PART #  | DESCRIPTION            |
|---------|------------------------|
| SBC300  | 3" SS Step Band Clamp  |
| SBC400  | 4" SS Step Band Clamp  |
| SBC500  | 5" SS Step Band Clamp  |
| SBC600  | 6" SS Step Band Clamp  |
| SBC700  | 7" SS Step Band Clamp  |
| SBC800  | 8" SS Step Band Clamp  |
| SBC900  | 9" SS Step Band Clamp  |
| SBC1000 | 10" SS Flat Band Clamp |

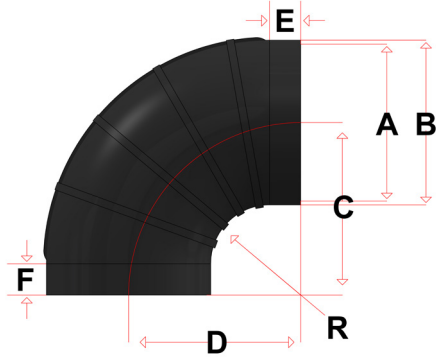
## HD U-BOLT CLAMPS



| PART # | DESCRIPTION           |
|--------|-----------------------|
| 90929K | 2" HD U-Bolt Clamp    |
| 90915K | 2.25" HD U-Bolt Clamp |
| 89556K | 3" HD U-Bolt Clamp    |
| 89557K | 3.5" HD U-Bolt Clamp  |
| 89558K | 4" HD U-Bolt Clamp    |
| 89559K | 5" HD U-Bolt Clamp    |
| 89560K | 6" HD U-Bolt Clamp    |

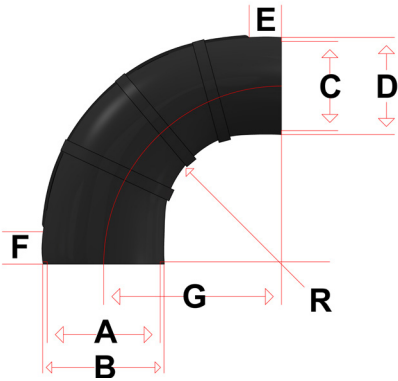
# RUBBER HUMP HOSE & ELBOWS

## 90° RUBBER ELBOWS



| PART #  | A-ID | B-OD   | C      | D      | E     | F      | R      |
|---------|------|--------|--------|--------|-------|--------|--------|
| RL590   | 5"   | 5.5"   | 6.125" | 6.125" | 1.75" | 1.625" | 1.75"  |
| RL690   | 6"   | 6.5"   | 7"     | 7"     | 3.5"  | 4.5"   | 1.75"  |
| 90HL6X  | 6"   | 6.5"   | 8.25"  | 8.25"  | 3.25" | 3.25"  | 5"     |
| HL906EC | 6"   | 6.5"   | 9"     | 10"    | 2.25" | 2"     | 1.75"  |
| RL890   | 8"   | 8.75"  | 8.5"   | 8.5"   | 2"    | 2.25"  | 2.125" |
| RL1090  | 10"  | 10.75" | 10.5"  | 10.5"  | 2.25" | 2.25"  | 3.125" |

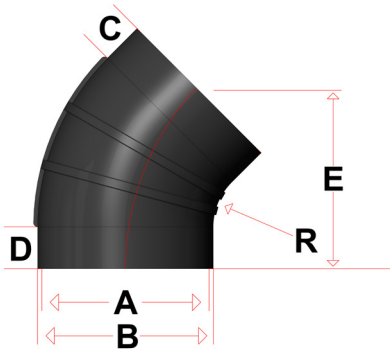
## 90° REDUCING ELBOWS



| PART #  | A-ID | B-OD | C-ID | D-OD |
|---------|------|------|------|------|
| RL75590 | 7"   | 7.5" | 5.5" | 6"   |

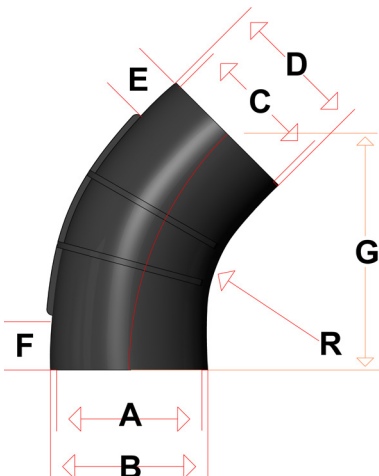
| E    | F    | G    | R      |
|------|------|------|--------|
| 1.5" | 1.5" | 6.5" | 0.625" |

## 45° RUBBER ELBOWS



| PART # | A-ID | B-OD   | C      | D      | E      | R      |
|--------|------|--------|--------|--------|--------|--------|
| RL545  | 5"   | 5.5"   | 1.625" | 1.625" | 5.25"  | 1.75"  |
| RL645  | 6"   | 6.5"   | 2"     | 2"     | 6.5"   | 1.75"  |
| RL845  | 8"   | 8.75"  | 2.25"  | 2.25"  | 8.25"  | 2.125" |
| RL1045 | 10"  | 10.75" | 2.25"  | 2.25"  | 10.25" | 3.125" |

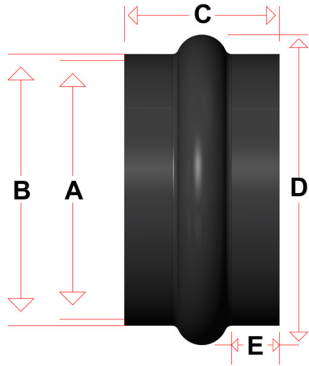
## 45° REDUCING ELBOWS



| PART #  | A-ID | B-OD | C-ID | D-OD |
|---------|------|------|------|------|
| RL65545 | 6"   | 5.5" | 5.5" | 6"   |

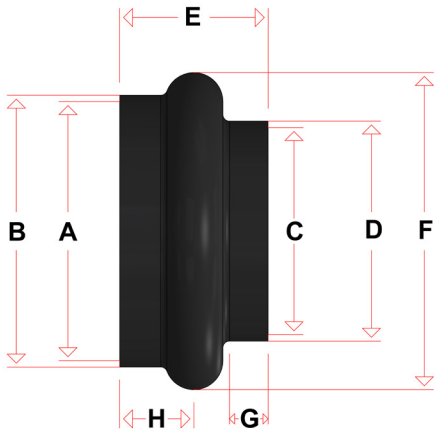
| E     | F     | G    | R      |
|-------|-------|------|--------|
| 1.75" | 1.75" | 6.5" | 4.875" |

## STANDARD HUMP HOSE



| PART # | A-ID | B-OD  | C    | D      | E     |
|--------|------|-------|------|--------|-------|
| HH5    | 5"   | 5.5"  | 6"   | 6.125" | 2.25" |
| HH6    | 6"   | 6.5"  | 7"   | 7.5"   | 2.75" |
| HH8    | 8"   | 8.5"  | 5"   | 9.5"   | 1.5"  |
| HH10   | 10"  | 10.5" | 6"   | 11.5"  | 2"    |
| HH12   | 12"  | 12.5" | 7.5" | 13.75" | 3"    |

## REDUCING HUMP HOSE



| PART # | A-ID  | B-OD | C-ID | D-OD  |
|--------|-------|------|------|-------|
| HHR65  | 6.5"  | 6"   | 5"   | 5.5"  |
| HHR76  | 7.5"  | 7"   | 6"   | 6.5"  |
| HHR108 | 10.5" | 10"  | 8"   | 8.5"  |
| HH1210 | 12.5" | 12"  | 10"  | 10.5" |
| HH1412 | 14.5" | 14"  | 12"  | 12.5" |

| E    | F      | G      | H  |
|------|--------|--------|----|
| 6"   | 7.5"   | 2.125" | 3" |
| 6"   | 8.5"   | 1.75"  | 3" |
| 6"   | 11.5"  | 2"     | 3" |
| 7.5" | 13.5"  | 2.75"  | 3" |
| 7.5" | 15.25" | 3"     | 3" |

# MISC.



# POLYETHYLENE WHEEL MOTOR COVERS

DBA'S polyethylene covers are strong, flexible, durable, and lightweight. They protect wheel motors from damage, thus reducing both repair costs and downtime.



| PART # | A      | B   | C      | D      |
|--------|--------|-----|--------|--------|
| 788-BK | 38.5"  | 19" | 8.75"  | 15.25" |
| 510-BK | 31.25" | 16" | 4.625" | 10"    |

# GASKET MATERIAL

Our synthetic fibre nitrile binder gasket material is primarily used between flanges.

| PART # | DESCRIPTION                      |
|--------|----------------------------------|
| GSKM   | Custom Pieces By The Square Foot |

# AN INSTALLED DBA SYSTEM





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