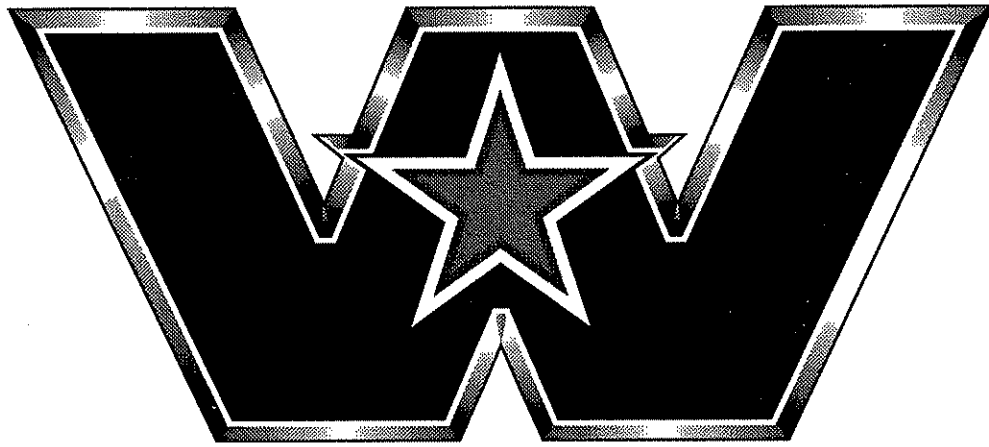


### INDEX

	Section	Pages
Engine Mounting .....	1.4	1-14
Cowl Mounted Air Cleaners .....	1.6.1	1-4
Ducting, Single Cowl Mounted Air Cleaner .....	1.6.2	1-14
Ducting, Dual Cowl Mounted Air Cleaner .....	1.6.3	1-12
Under Hood Air Cleaner .....	1.6.4	1-4
Ducting, Under Hood Air Cleaner .....	1.6.5	1-8
Charge Air Cooler and Ducting .....	1.6.6	1-8
B System Exhaust .....	1.7.1	1-22
FVB System Exhaust .....	1.7.2	1-16

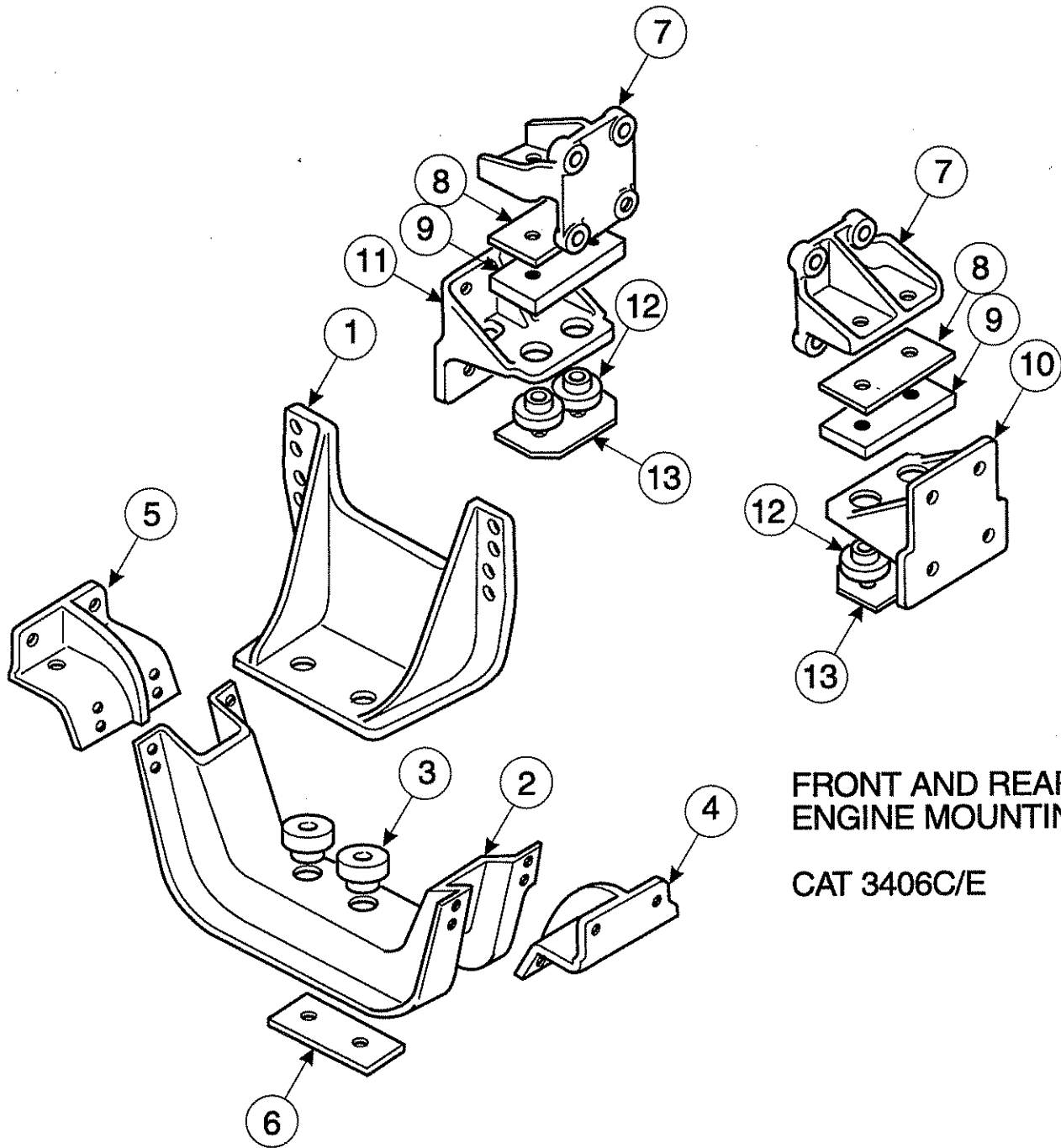


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### TABLE OF CONTENTS

	Section	Page
Caterpillar 3406C/E .....	1.4.1 .....	2-3
Caterpillar 3306C .....	1.4.2 .....	4-5
Caterpillar 3176B .....	1.4.3 .....	6-7
Cummins L10 & M11 .....	1.4.4 .....	8-9
Cummins N14E .....	1.4.5 .....	10-11
Detroit Diesel Series 60 .....	1.4.6 .....	12-13

*Note: This publication is a generic parts book. Components may vary with different applications. For applications other than listed below the parts listings see the appropriate Bill of Material by truck serial number and use this publication as a guide only.*



FRONT AND REAR  
ENGINE MOUNTING  
CAT 3406C/E

# ENGINE

## ENGINE MOUNTING - CATERPILLAR 3406C/E

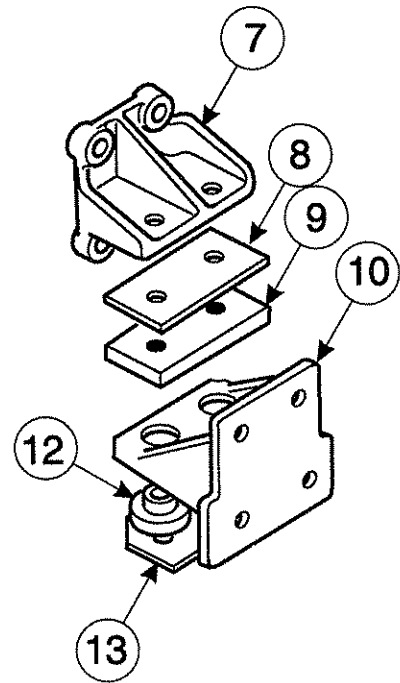
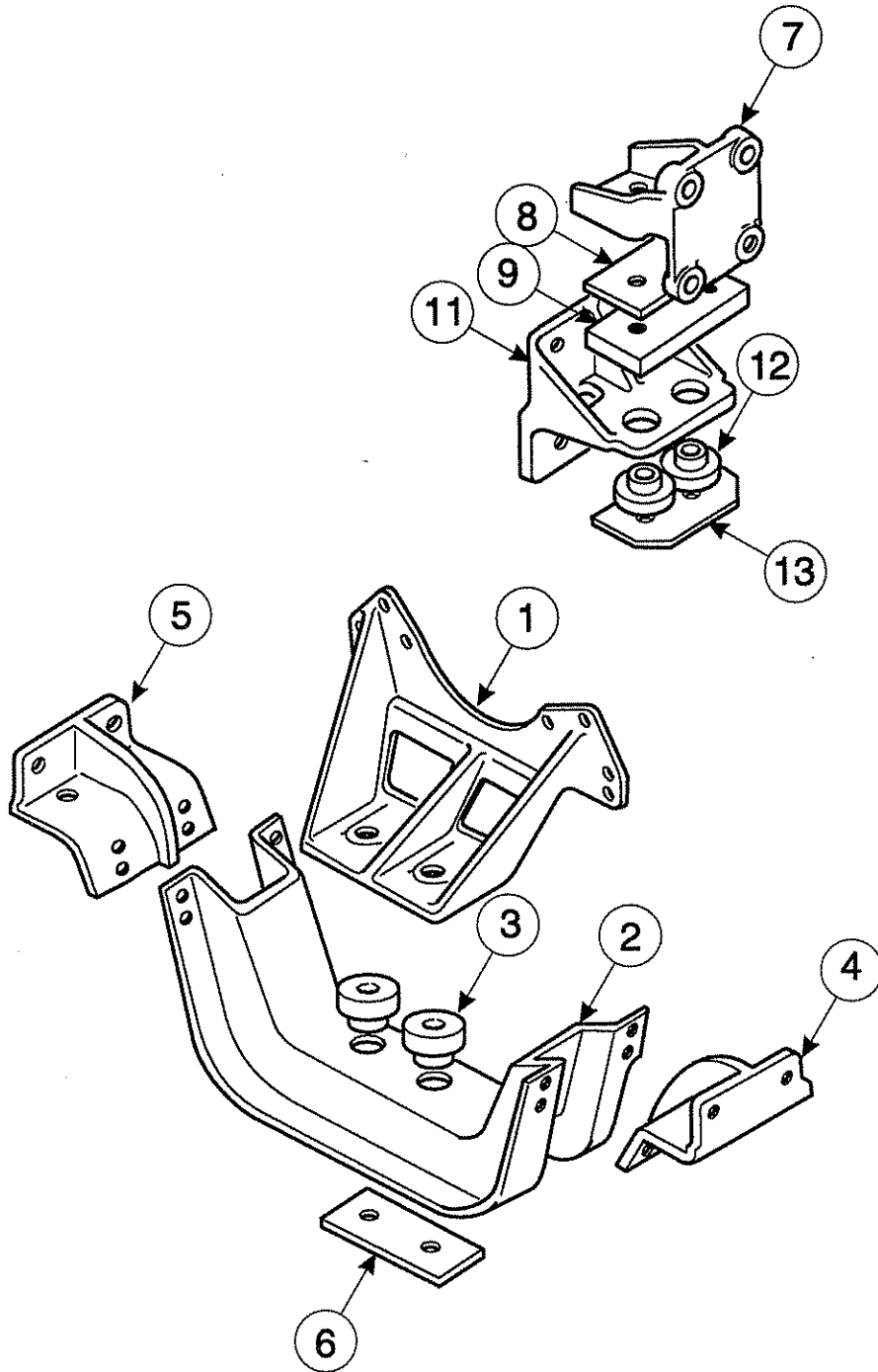
1.4.1

### ENGINE MOUNTING - CAT 3406C/E

Item	Description	Part Number	Qty
1	Front Engine Support	12001-3427	1
2	Engine Crossmember	12016-3401	1
3	Engine Mount	12005-3403	2
-	Bolt (Engine Mount) 8ZNC .75-16 x 4.00	223833	2
-	Nut - Elastic Stop	657946	2
4	Crossmember Support LH	12001-3439	1
5	Crossmember Support RH	12001-3434	1
6	Plate, Lower	04-9016901	1
7	Transmission Nodal Mount, Iron	04-9047488	2
8	Spacer .31	12012-3422	2
9	Rubber Mount, Upper	12004-3402	2
10	Bracket, Frame LH	12002-3541	1
11	Bracket, Frame RH	12002-3542	1
12	Rubber Mount, Lower	12004-3401	4
13	Plate	04-9016904	2

*Specific BOMs listed:* 1018-001-01/07, 1018-020-01/03, 1018-020-07, 1018-020-13,  
2058-001-03

ENGINE 1



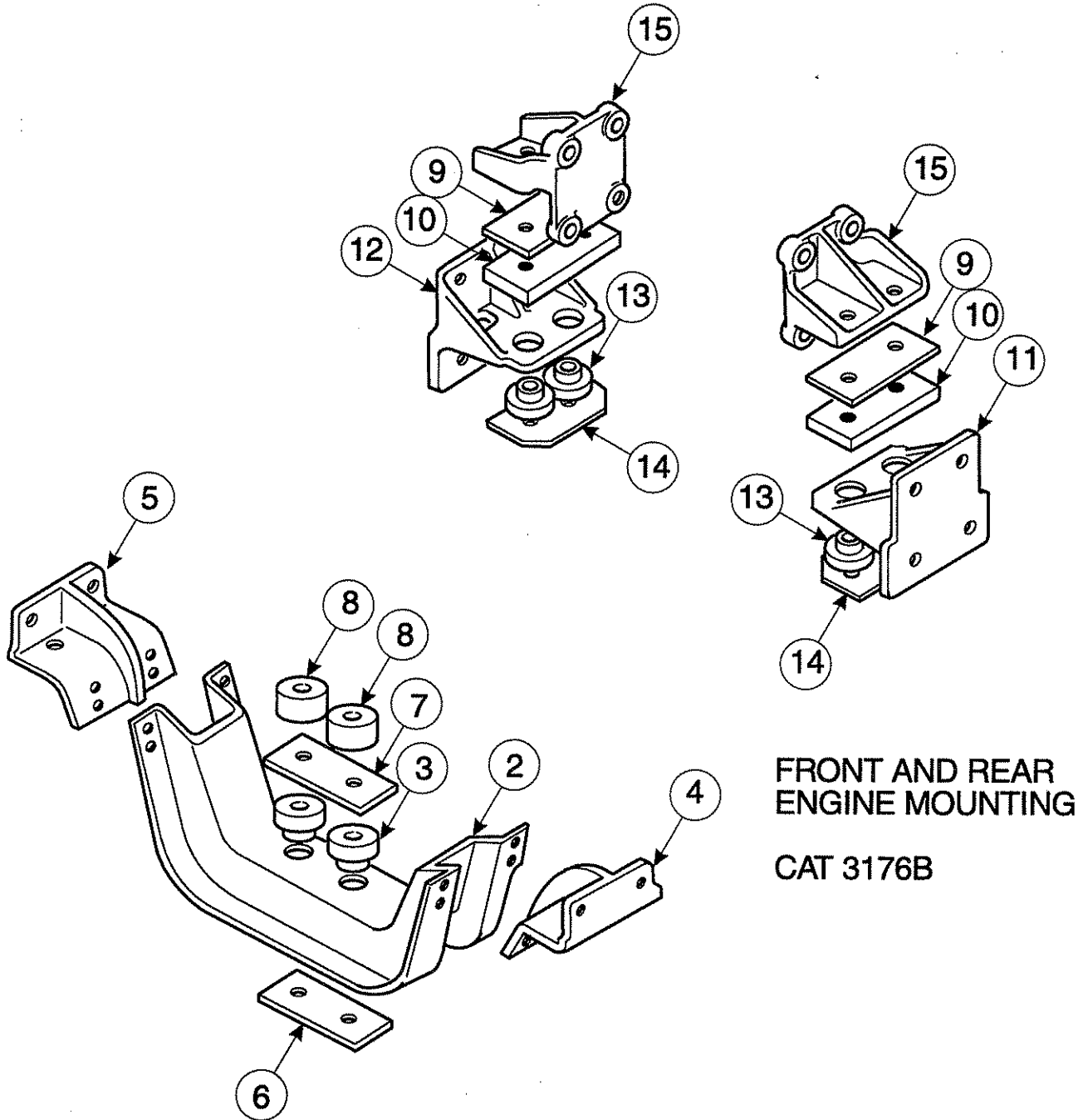
**FRONT AND REAR  
ENGINE MOUNTING**

**CAT 3306**

**ENGINE MOUNTING - CATERPILLAR 3306C****ENGINE MOUNTING - CAT 3306C**

Item	Description	Part Number	Qty
1	Front Engine Support	12001-3429	1
2	Engine Crossmember	12016-3401	1
3	Engine Mount	12005-3403	2
-	Bolt (Engine Mount) 8ZNC .75-16 x 4.00	223833	2
-	Nut - Elastic Stop	657946	2
4	Crossmember Support LH	12001-3425	1
5	Crossmember Support RH	12001-3426	1
6	Plate, Lower	04-9016901	1
7	Transmission Nodal Mount, Iron	04-9047488	2
8	Spacer .31	12012-3422	2
9	Rubber Mount, Upper	12004-3402	2
10	Bracket, Frame LH	12002-3549	1
11	Bracket, Frame RH	12002-3550	1
12	Rubber Mount, Lower	12004-3401	4
13	Plate	04-9016904	2

*Specific BOMs listed: 1018-001-09/10, 1018-020-09, 2058-001-02*



FRONT AND REAR  
ENGINE MOUNTING

CAT 3176B

# ENGINE

## ENGINE MOUNTING - CATERPILLAR 3176B

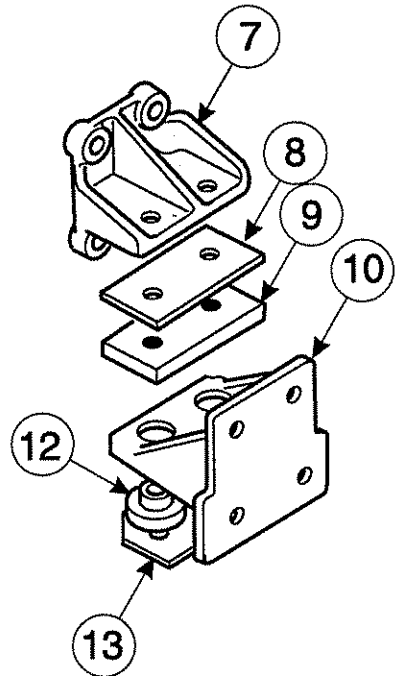
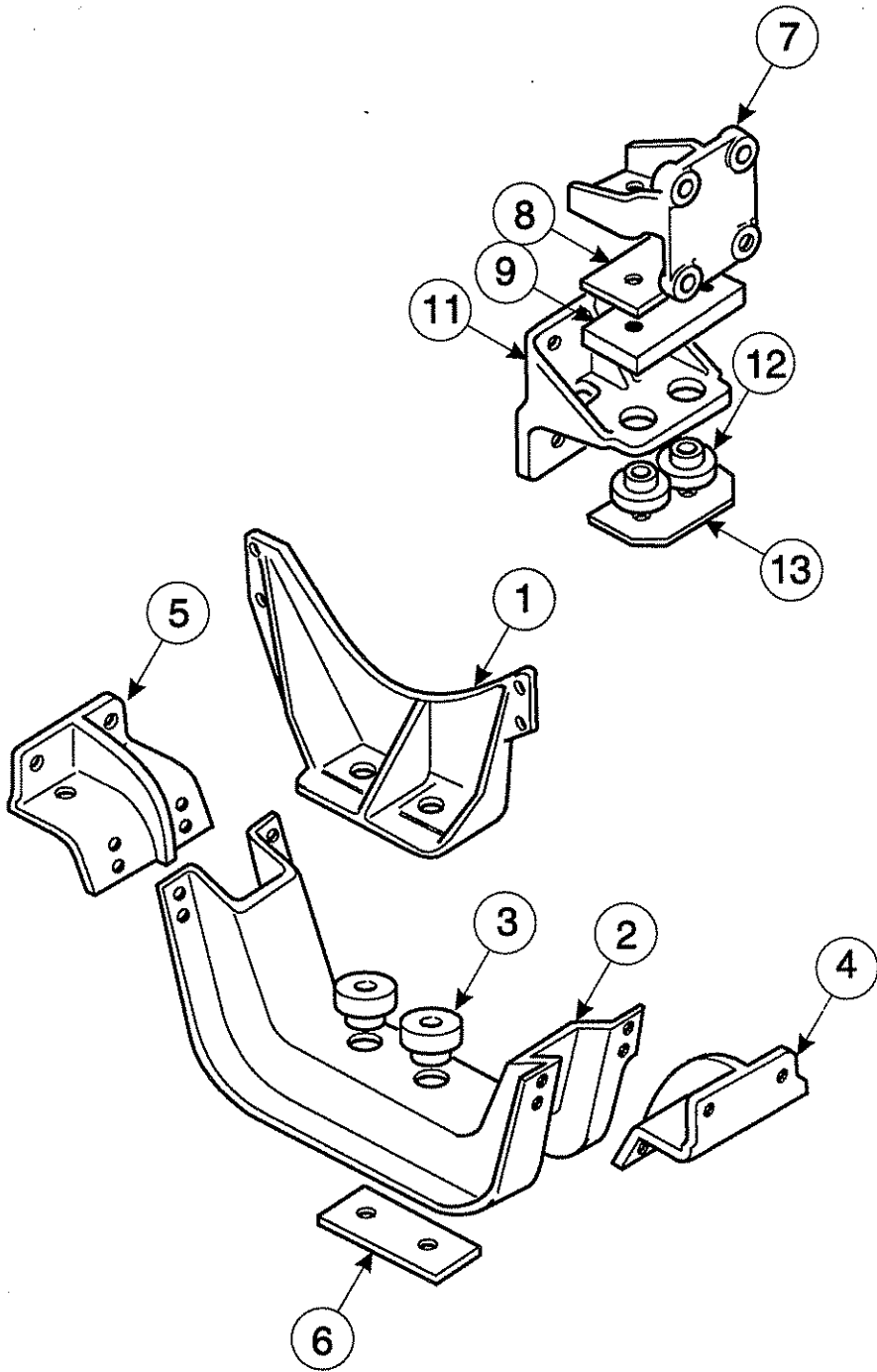
1.4.3

### ENGINE MOUNTING - CAT 3176B

Item	Description	Part Number	Qty
2	Engine Crossmember	12016-3401	1
3	Engine Mount	12005-3403	2
-	Bolt (Engine Mount) 8ZNC .75-16 x 6.5	4019-3411-6.50	2
-	Locknut	4012-3422	2
4	Crossmember Support LH	12001-3440	1
5	Crossmember Support RH	12001-3441	1
6	Plate, Lower	04-9016901	1
7	Plate, Upper	04-9016900	1
8	Spacer	12012-3430	2
10	Rubber Mount, Upper	12004-3402	2
11	Bracket, Frame LH, Fuller Transmission	12009-3462	1
12	Bracket, Frame RH, Fuller Transmission	12009-3463	1
11	Bracket, Frame LH, Spicer Transmission	12009-3545	1
12	Bracket, Frame RH, Spicer Transmission	12009-3546	1
11	Bracket, Frame LH, Auto Transmission	12009-3496	1
12	Bracket, Frame RH, Auto Transmission	12009-3497	1
13	Rubber Mount, Lower	12004-3401	4
14	Plate	04-9016904	2
15	Bracket, Transmission Nodal Mount, Iron	04-9047488	2

*Specific BOMs listed: 1018-001-11, 1018-020-12, 1018-020-14, 2058-001-01*

ENGINE 1



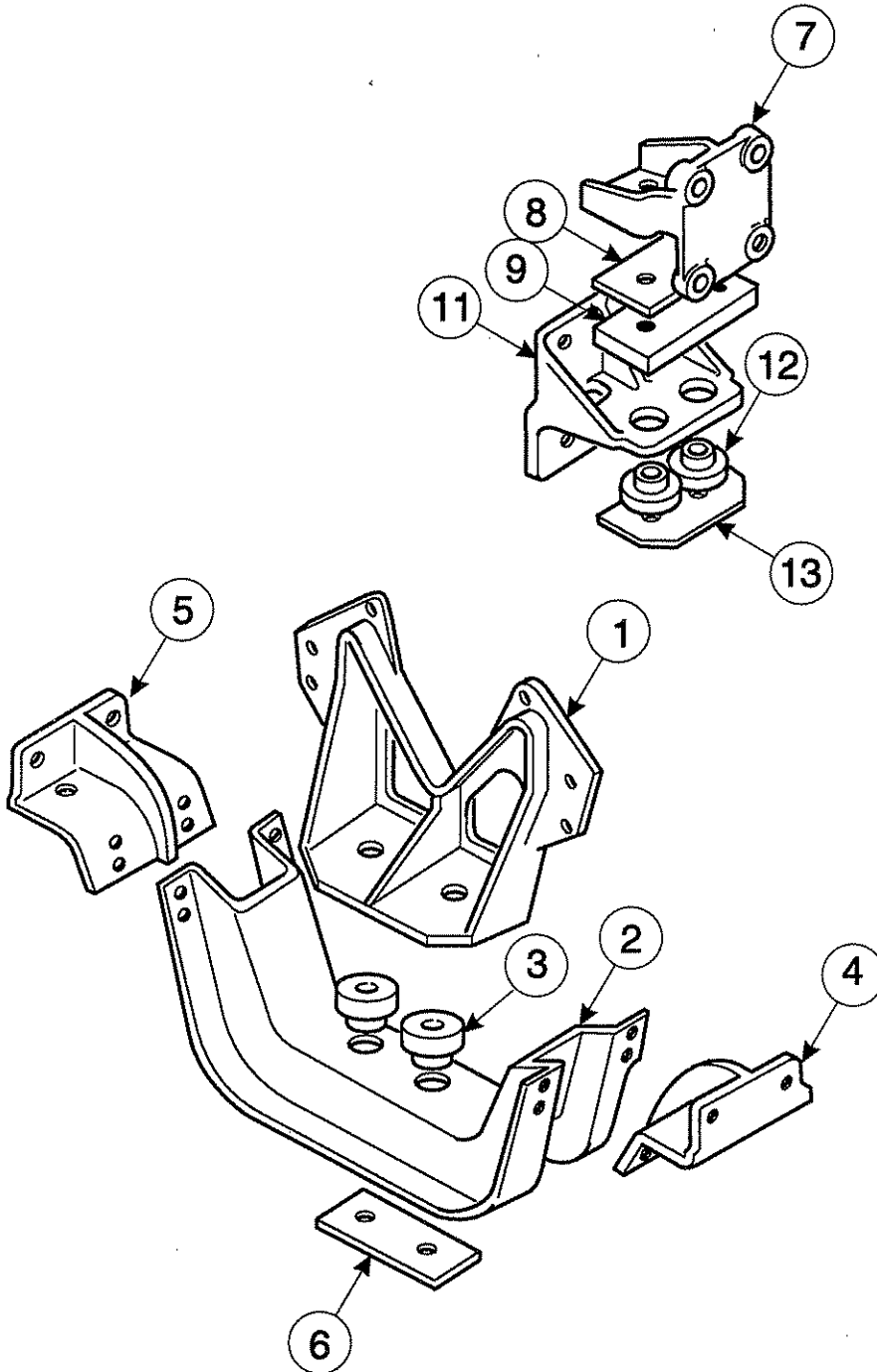
**FRONT AND REAR  
ENGINE MOUNTING**

**CUMMINS L10 / M11**

**ENGINE MOUNTING - CUMMINS L10 & M11****ENGINE MOUNTING - CUMMINS L10 & M11**

<b>Item</b>	<b>Description</b>	<b>Part Number</b>	<b>Qty</b>
1	Engine Support	12001-3462	1
2	Engine Crossmember	12016-3401	1
3	Engine Mount	12005-3403	2
-	Bolt (Engine Mount) 8ZNC .75-16 x 4.00	223833	2
-	Nut, Elastic Stop	657946	2
4	Crossmember Support LH	12001-3440	1
5	Crossmember Support RH	12001-3441	1
6	Plate, Lower	04-9016901	1
7	Bracket, Transmission Nodal Mount, Iron	04-9047488	2
8	Spacer	12012-3425	2
9	Rubber Mount, Upper	12004-3402	2
10	Bracket, Frame LH	12002-3547	1
11	Bracket, Frame RH	12002-3548	1
12	Rubber Mount - Lower	12004-3401	4
13	Plate	04-9016904	2

*Specific BOMs listed: 1018-005-02, 1018-025-07/08, 2058-001-04*



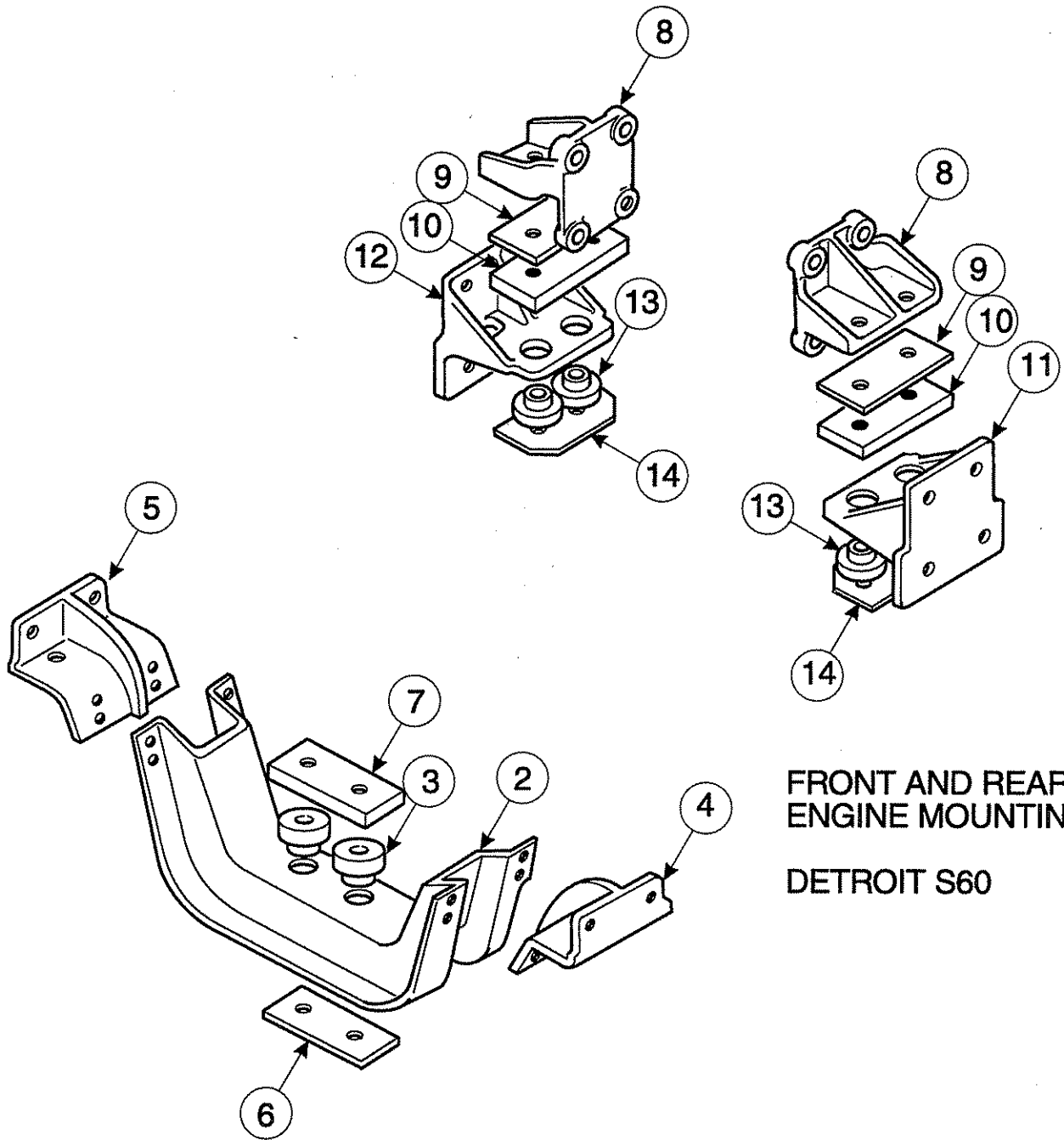
FRONT AND REAR  
ENGINE MOUNTING

CUMMINS N14E

**ENGINE MOUNTING - CUMMINS N14E**

Item	Description	Part Number	Qty
1	Engine Support	12001-3460	1
2	Engine Crossmember	12016-3401	1
3	Engine Mount	12005-3403	2
-	Bolt (Engine Mount) 8ZNC .75-16 x 4.00	223833	2
-	Nut, Elastic Stop	657946	2
4	Crossmember Support LH	12001-3434	1
5	Crossmember Support RH	12001-3439	1
6	Plate, Lower	04-9016901	1
7	Bracket, Transmission Nodal Mount, Iron	04-9047488	2
8	Spacer	12012-3425	2
9	Rubber Mount, Upper	12004-3402	2
10	Bracket, Frame LH, Fuller/Rockwell Trans	12002-3541	1
11	Bracket, Frame RH, Fuller/Rockwell Trans	12002-3542	1
10	Bracket, Frame LH, Spicer Transmission	12009-3420	1
11	Bracket, Frame RH, Spicer Transmission	12009-3421	1
12	Rubber Mount - Lower	12004-3401	4
13	Plate	04-9016904	2

**Specific BOMs listed: 1018-005-01, 1018-025-01/03, 1018-025-09, 2058-001-05**

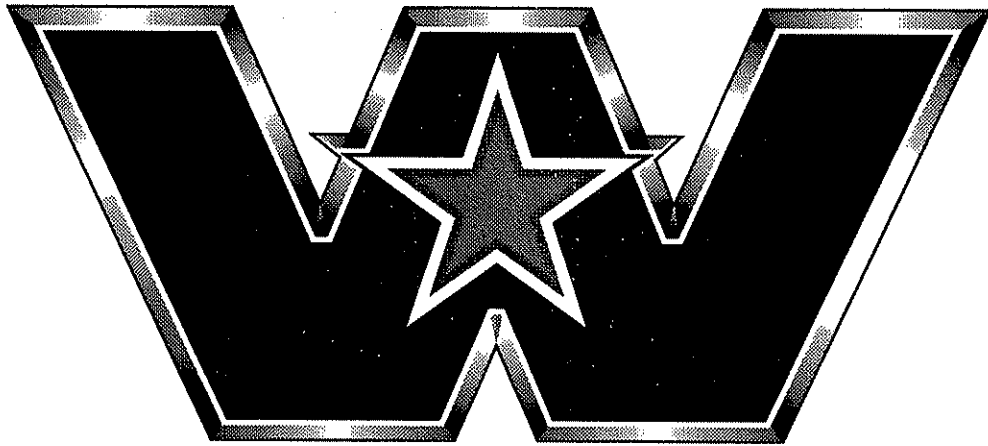


FRONT AND REAR  
ENGINE MOUNTING  
DETROIT S60

**ENGINE MOUNTING - DETROIT DIESEL SERIES 60****ENGINE MOUNTING - DETROIT DIESEL SERIES 60**

Item	Description	Part Number	Qty
2	Engine Crossmember	12016-3401	1
3	Engine Mount	12005-3403	2
-	Bolt (Engine Mount) 8ZNC .75-16 x 4.00	223833	2
-	Nut, Elastic Stop	657946	2
4	Crossmember Support LH	12001-3434	1
5	Crossmember Support RH	12001-3439	1
6	Plate, Lower	04-9016901	1
7	Spacer, Front Engine Mount	12012-3436	2
8	Bracket, Transmission Nodal Mount	04-9047488	2
9	Spacer, .31	12012-3422	2
10	Rubber Mount, Upper	12004-3402	2
11	Bracket, Frame LH, Fuller/Rockwell Trans	12002-3541	1
12	Bracket, Frame RH, Fuller/Rockwell Trans	12002-3542	1
11	Bracket, Frame LH, Spicer Transmission	12009-3420	1
12	Bracket, Frame RH, Spicer Transmission	12009-3421	1
13	Rubber Mount - Lower	12004-3401	4
14	Plate	04-9016904	2

*Specific BOMs listed: 1018-010-01, 1018-030-01/07, 2058-001-06*



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**ENGINE**  
**COWL MOUNTED AIR CLEANERS**

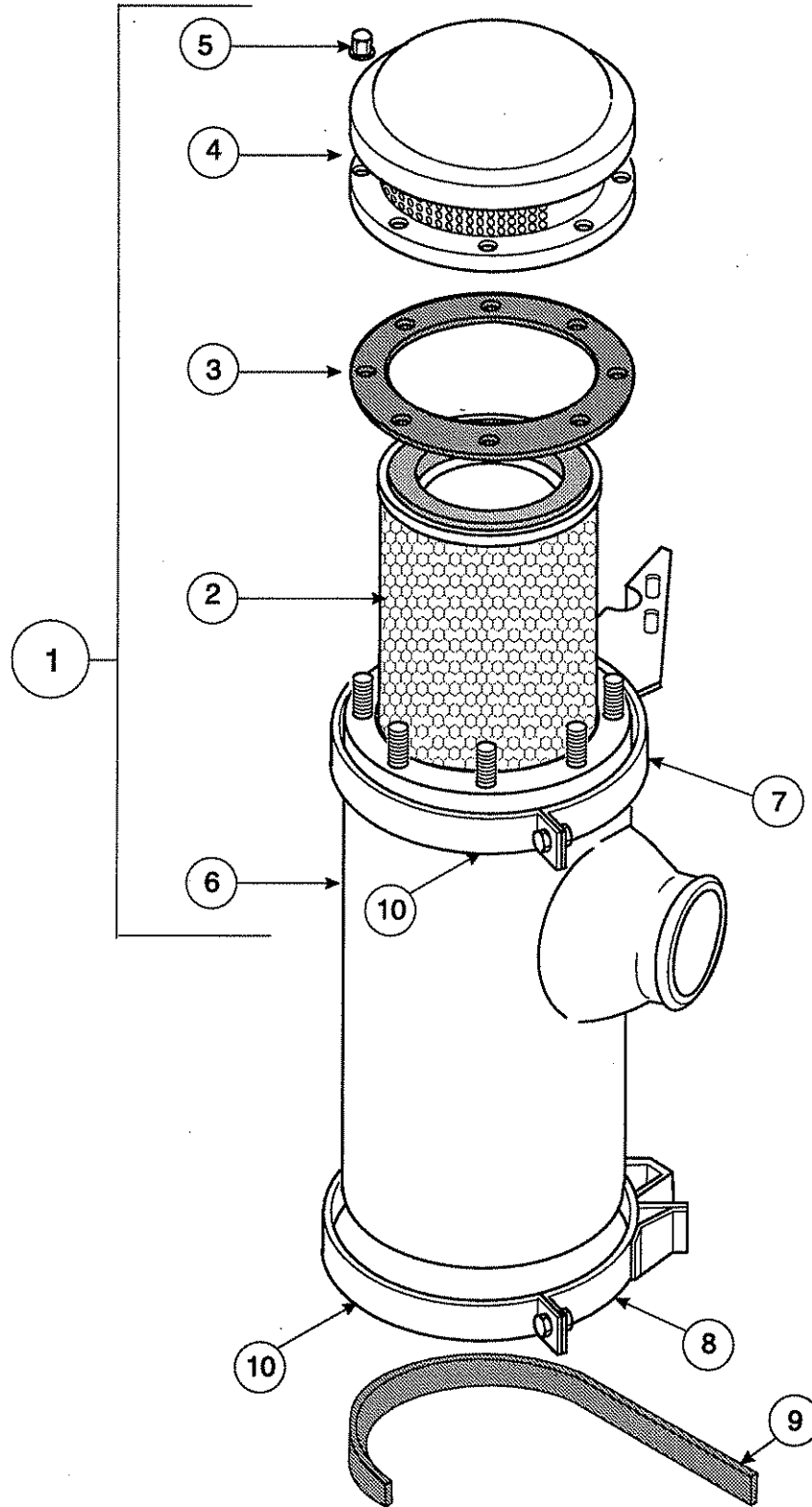
1.6.1

**TABLE OF CONTENTS**

	<b>Section</b>	<b>Page</b>
Cowl Mounted Air Cleaners ..	1.6.1 .....	2-3

***Note: This publication is a generic parts book. Components may vary with different applications. For applications other than listed below the parts listing see the appropriate Bill of Material by truck serial number and use this publication as a guide only.***

**ENGINE 1**



# ENGINE

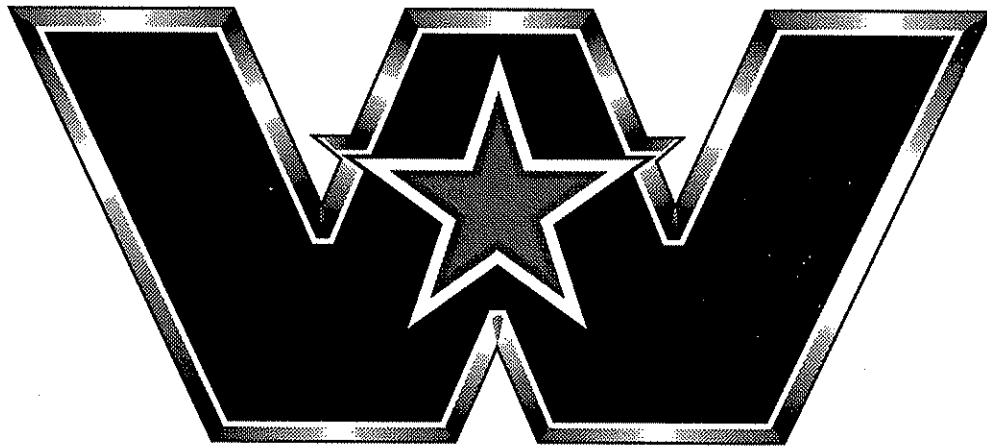
## COWL MOUNTED AIR CLEANERS

1.6.1

Item	Description	Part Number	Qty
1	RH Air Cleaner Assy, Painted Body & Cap	22001-3448	1
1	RH Air Cleaner Assy, Painted Body, Stainless Steel Cap	22001-3446	1
1	RH Air Cleaner Assy, Stainless Steel Body & Cap	22001-3444	1
1	LH Air Cleaner Assy, Painted Body & Cap	22001-3447	1
1	LH Air Cleaner Assy, Painted Body, Stainless Steel Cap	22001-3445	1
1	LH Air Cleaner Assy, Stainless Steel Body & Cap	22001-3443	1
<i>Note: Items 2-6 part of Air Cleaner Assembly breakdown.</i>			
2	- Replacement Element	70076N	1
3	- Gasket	22002-5002	1
4	- RH Cap, Painted	Q80773	1
4	- RH Cap, Stainless Steel	Q80774	1
4	- LH Cap, Painted	Q80775	1
4	- LH Cap, Stainless Steel	Q80776	1
5	- Nylon Capnut	Q01368	8
6	- Cannister, Prime Painted	Q01131	1
6	- Cannister, Stainless Steel	Q512673	1
7	LH Upper Mounting Band, Painted	22414F3428	1
7	RH Upper Mounting Band, Painted	22414F3424	1
7	LH Upper Mounting Band, Stainless Steel	22414S3428	1
7	RH Upper Mounting Band, Stainless Steel	22414S3424	1
8	Lower Mounting Band, Painted	22414F3425	1
8	Lower Mounting Band, Stainless Steel	22414S3425	1
9	Tape	22009-3420	AR
10	Clamp, Painted	22414F3426	2
10	Clamp, Stainless Steel	22414S3426	2

*Specific BOMs listed: 3018-001-01/06*

**ENGINE 1**



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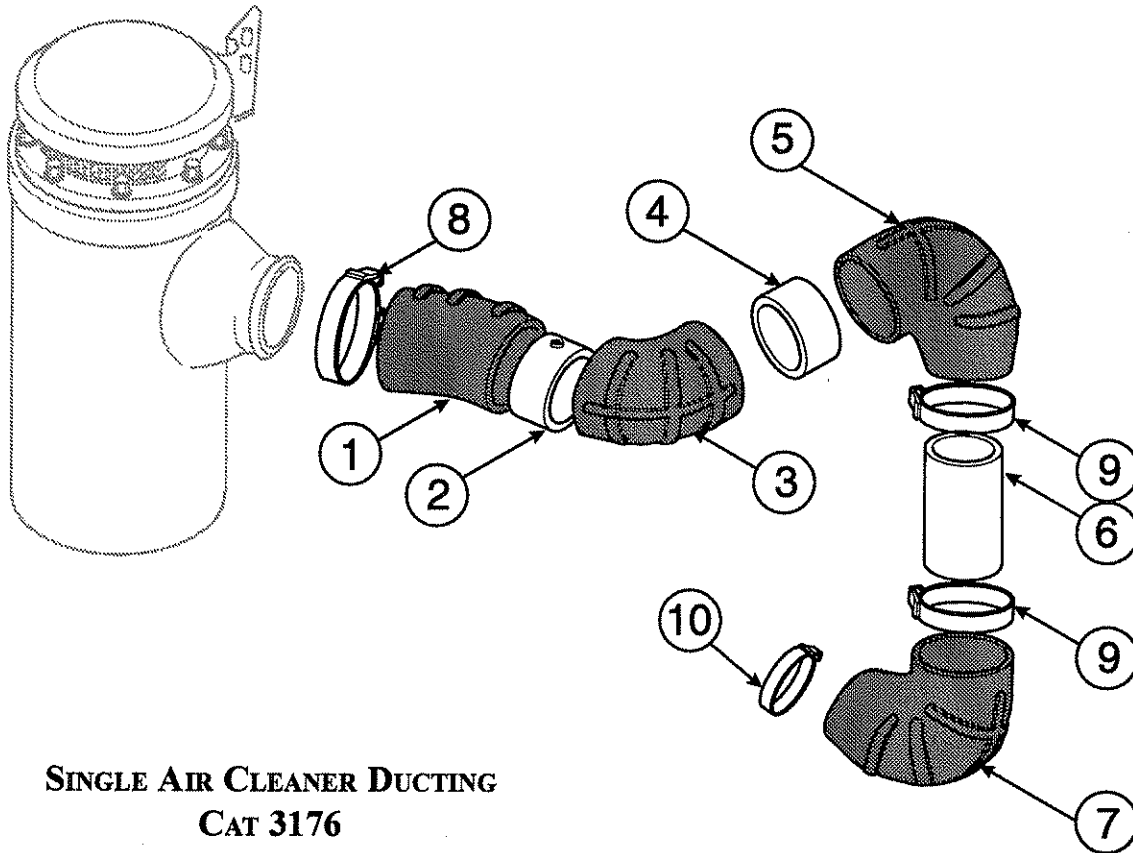
**SINGLE COWL MOUNTED AIR CLEANER DUCTING****TABLE OF CONTENTS**

	<b>Page</b>
Cat 3176, 48/58 Models .....	2
Cat 3176, 49FX/49SX Models .....	3
Cat 3306, 48/58 Models .....	4
Cat 3306, 49FX/49SX Models .....	5
Cat 3406, 48/58 Models .....	6
Cat 3406, 49FX/49SX Models .....	7
Cummins M11&L10, 48/58 Models .....	8
Cummins M11&L10, 49FX/49SX Models .....	9
Cummins N14, 48/58 Models .....	10
Cummins N14, 49FX/49SX Models .....	11
DDA Series 60, 48/58 Models .....	12
DDA Series 60, 49FX/49SX Models .....	13

**Note:** *This publication is a generic parts book. Components may vary with different applications. For applications other than listed below the parts listing see the appropriate Bill of Material by truck serial number and use this publication as a guide only.*

**SINGLE AIR CLEANER DUCTING - CAT 3176 - 4800 & 5800**

Item	Description	Part Number	Qty
1	Elbow, 54 Deg Rubber 6" ID	04-9038089	1
2	Pipe, 6" OD with Boss	22301-3551-4.0	1
3	Elbow, 69 Deg Rubber 6" ID	22305-3462	1
4	Pipe 6" OD x 4.0"	22301-3550-004	1
5	Elbow 90 Deg Reducer 6"-5" Dia.	22305-3444	1
6	Connector, Aluminum 5.0" OD x 15"	22301-3554-015	1
7	Elbow, 90 Deg Reducer 5" - 4"	22305-3470	1
8	Clamp, Hose 5.75 - 6.62 HT	22302-3405	5
9	Clamp, Breeze T-Bolt 5.25	20427-3436	2
10	Clamp, Breeze T Bolt 4"	04-9048280	1



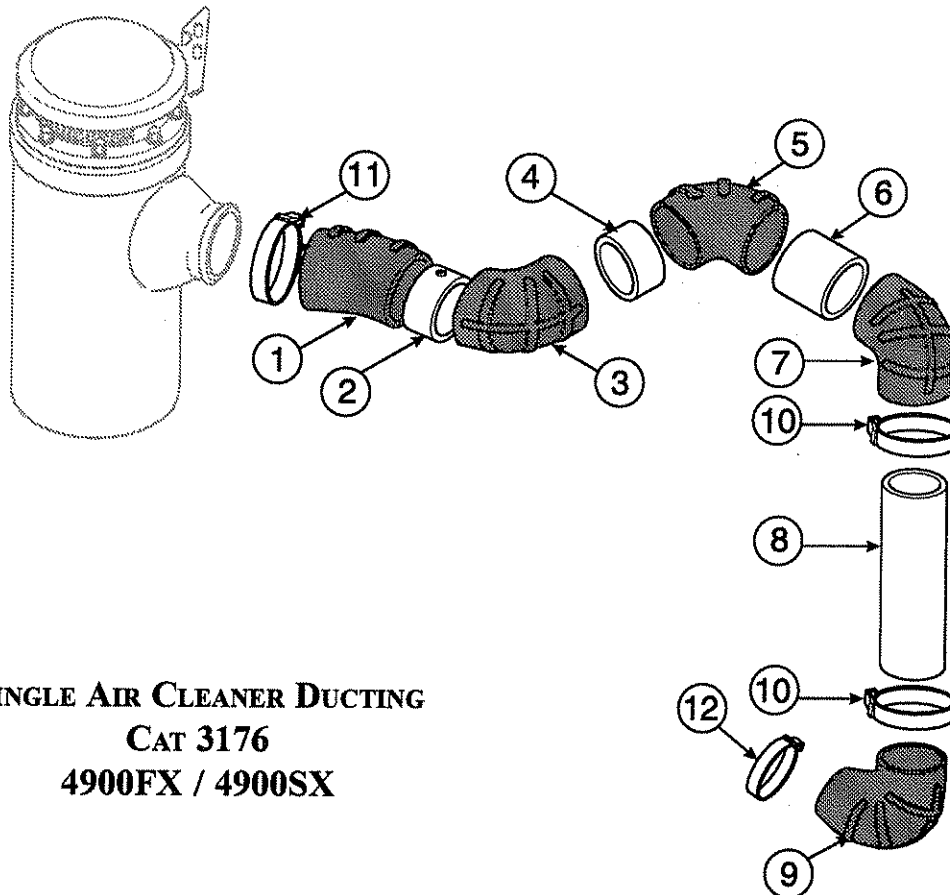
**SINGLE AIR CLEANER DUCTING**  
**CAT 3176**  
**4800 / 5800**

*Specific BOMs listed: 3028-003-03*

## SINGLE COWL MOUNTED AIR CLEANER DUCTING

### SINGLE AIR CLEANER DUCTING - CAT 3176 - 4900FX & 4900SX

Item	Description	Part Number	Qty
1	Elbow, 54 Deg Rubber 6" ID	04-9038089	1
2	Pipe, 6" OD with Boss	22301-3551-4.0	1
3	Elbow, 69 Deg Rubber 6" ID	22305-3462	1
4	Pipe 6" OD x 4.0"	22301-3550-004	1
5	Elbow, 90 Deg. Rubber 6" ID	04-9038092	1
6	Pipe, 6" OD x 7"	22301-3550-007	1
7	Elbow, 90 Deg. Reducer 6" - 5" ID	22305-3444	1
8	Connector, Aluminum 5" OD	22301-3554-015	1
9	Elbow, 90 Deg. 5" - 4" ID	22305-3470	1
10	Clamp, Breeze T-Bolt 5.25	20427-3436	2
11	Clamp, Hose 5.75 - 6.62 HT	22302-3405	7
12	Clamp, T Bolt 4"	04-9048280	1

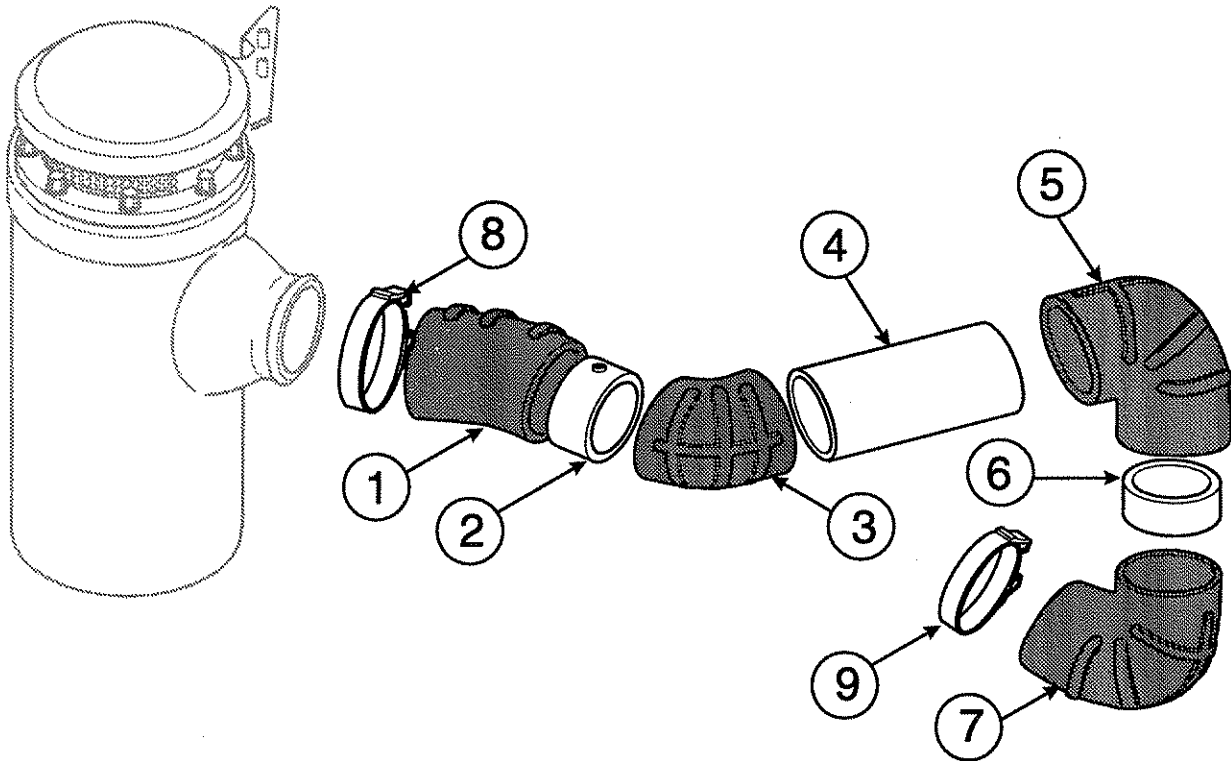


SINGLE AIR CLEANER DUCTING  
 CAT 3176  
 4900FX / 4900SX

Specific BOMs listed: 3028-003-09

**SINGLE AIR CLEANER DUCTING - CAT 3306 - 4800 / 5800**

Item	Description	Part Number	Qty
1	Elbow, 54 Deg Rubber 6" ID	04-9038089	1
2	Pipe, 6" OD with Boss	22301-3551-4.0	1
3	Elbow, 45 Deg Rubber 6" ID	04-9036166	1
4	Pipe 6" OD x 13"	22301-3550-013	1
5	Elbow, 90 Deg. Rubber 6" ID	04-9038092	1
6	Pipe, 6" OD x 3"	22301-3550-003	1
7	Elbow, 90 Deg. Reducer 6" - 5" ID	22305-3464	1
8	Clamp, Hose 5.75 - 6.62 HT	22302-3405	9
9	Clamp, Breeze T-Bolt 5.25	20427-3436	1



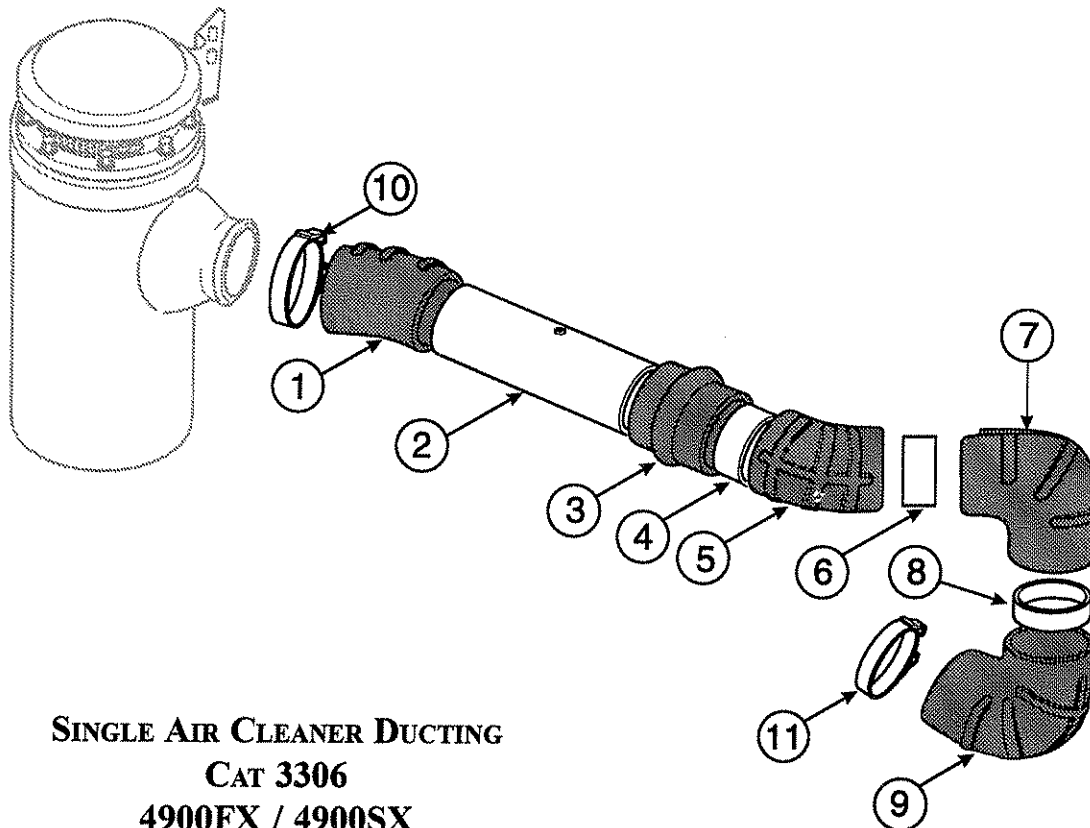
**SINGLE AIR CLEANER DUCTING  
 CAT 3306  
 4800 / 5800**

*Specific BOMs listed: 3028-003-02*

## SINGLE COWL MOUNTED AIR CLEANER DUCTING

### SINGLE AIR CLEANER DUCTING - CAT 3306 - 4900FX & 4900SX

Item	Description	Part Number	Qty
1	Elbow, 45 Deg Rubber 6" ID	04-9036166	1
2	Pipe, 6" OD with Boss	22301-3551-016	1
3	Hump Hose 6" ID x 7" long	22315-3415	1
4	Pipe 6" OD x 6"	22301-3550-006	1
5	Elbow, 22 Deg. Rubber 6" ID	04-9038090	1
6	Pipe, 6" OD x 4"	22301-3550-004	1
7	Elbow, 90 Deg. Rubber 6" ID	04-9038092	1
8	Pipe 6" OD x 3"	22301-3550-003	
9	Elbow, 90 Deg. Reducer 6" - 5" ID	22305-3464	1
10	Clamp, Hose 5.75 - 6.62 HT	22302-3405	9
11	Clamp, Breeze T-Bolt 5.25	20427-3436	1

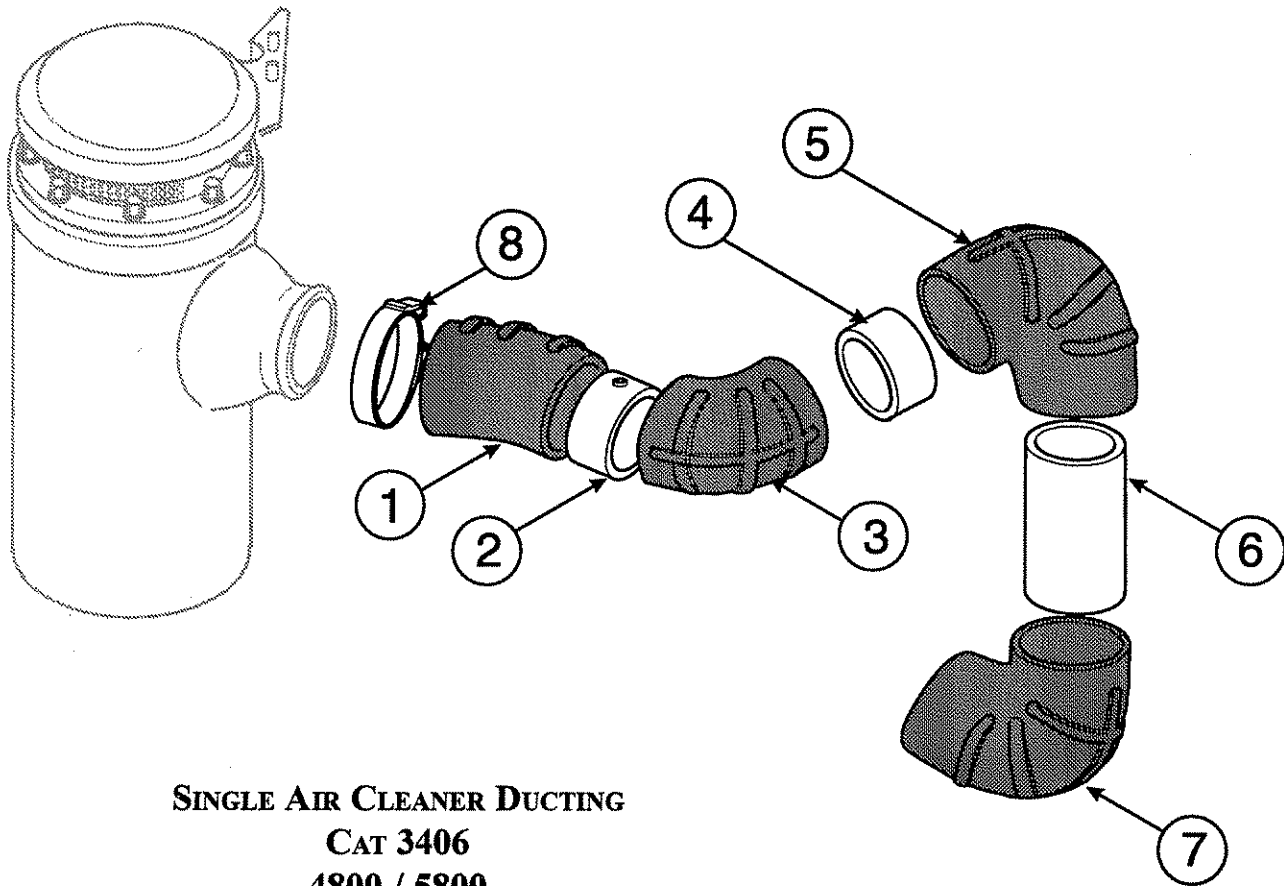


**SINGLE AIR CLEANER DUCTING  
CAT 3306  
4900FX / 4900SX**

*Specific BOMs listed: 3028-003-08*

**SINGLE AIR CLEANER DUCTING - CAT 3406 - 4800 & 5800**

Item	Description	Part Number	Qty
1	Elbow, 54 Deg Rubber 6" ID	04-9038089	1
2	Pipe, 6" OD with Boss	22301-3551-4.0	1
3	Elbow, 69 Deg Rubber 6" ID	22305-3462	1
4	Pipe 6" OD x 4.0"	22301-3550-004	1
5	Elbow, 90 Deg. Rubber 6" ID	04-9038092	1
6	Pipe, 6" OD x 12"	22301-3550-012	1
7	Elbow, 90 Deg. Rubber 6" ID	04-9038092	1
8	Clamp, Hose 5.75 - 6.62 HT	22302-3405	8



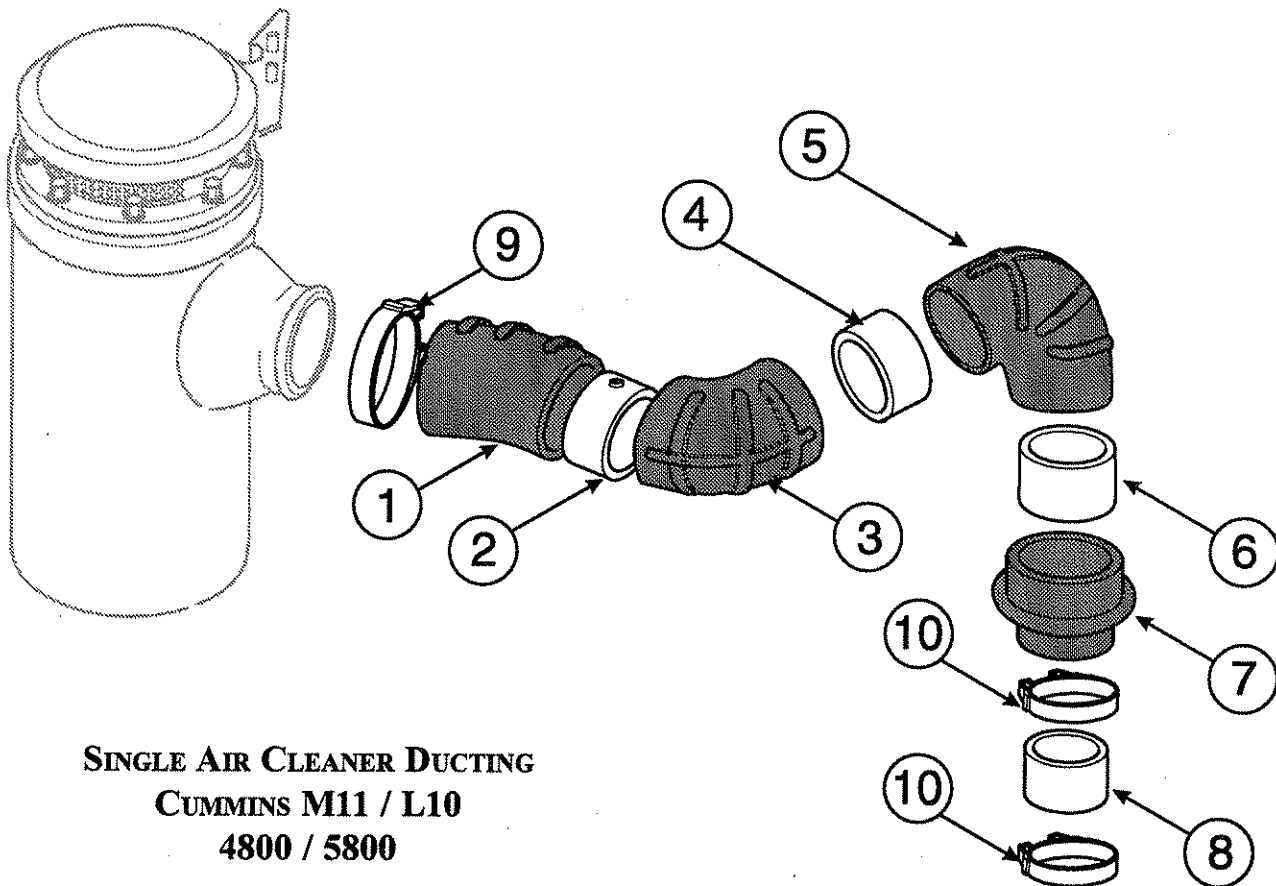
**SINGLE AIR CLEANER DUCTING  
 CAT 3406  
 4800 / 5800**

**Specific BOMs listed: 3028-003-01**



**SINGLE AIR CLEANER DUCTING - CUMMINS M11 / L10 - 4800 & 5800**

Item	Description	Part Number	Qty
1	Elbow, 54 Deg Rubber 6" ID	04-9038089	1
2	Pipe 6" OD x 4" with Boss	22301-3551-4.0	1
3	Elbow, 69 Deg Rubber 6" ID	22305-3462	1
4	Pipe, 6" OD x 3"	22301-3550-003	1
5	Elbow, 90 Deg. Reducer 6"-5.5"	04-9037183	1
6	Pipe 5.5" OD x 6"	22301-3555-006	1
7	Hump Hose Reducer 5.5" - 4"	04-9034624	1
8	Pipe, 4" OD x 4"	22301-3553-004	1
9	Clamp, Hose 5.75 - 6.62 HT	22302-3405	7
10	T-Bolt Clamp, 4.0"	04-9048280	2



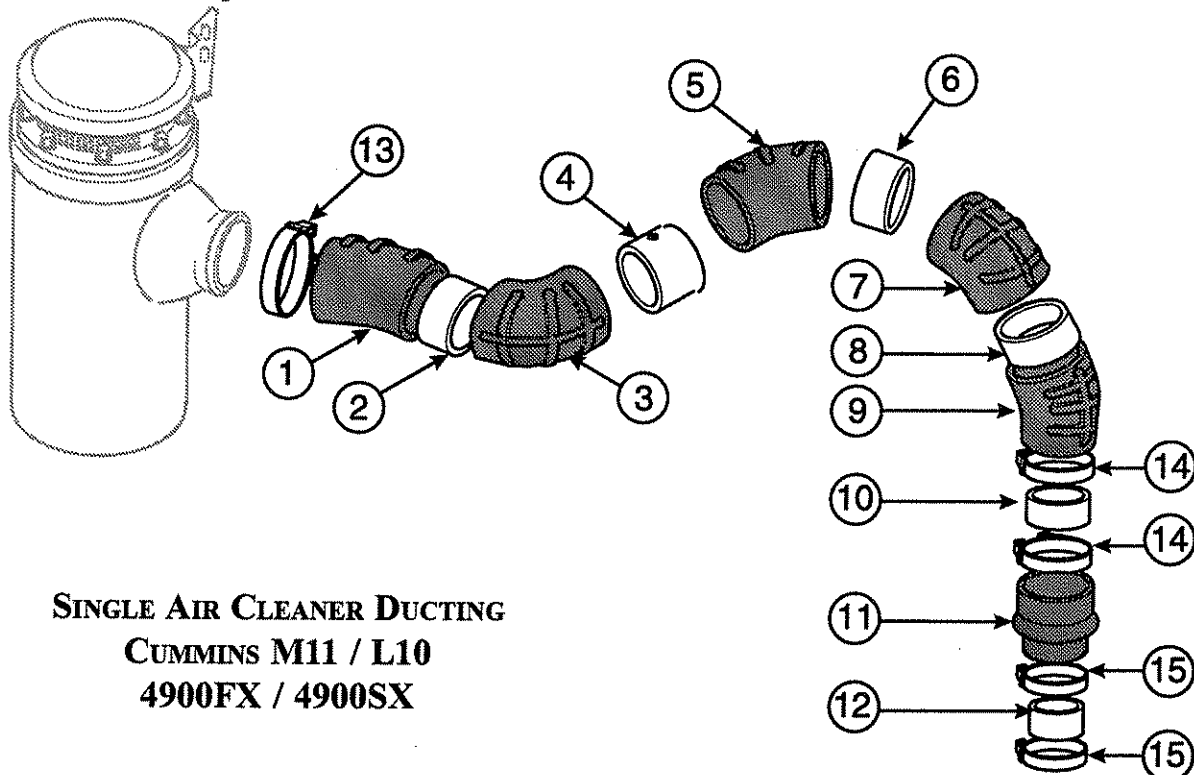
**SINGLE AIR CLEANER DUCTING**  
**CUMMINS M11 / L10**  
**4800 / 5800**

*Specific BOMs listed: 3028-003-05*

## SINGLE COWL MOUNTED AIR CLEANER DUCTING

### SINGLE AIR CLEANER DUCTING - CUMMINS M11 / L10 - 4900FX & 4900SX

Item	Description	Part Number	Qty
1	Elbow, 54 Deg Rubber 6" ID	04-9038089	1
2	Pipe 6" OD x 3"	22301-3550-003	1
3	Elbow, 45 Deg Rubber 6" ID	04-9048455	1
4	Pipe, 6" OD x 4" with Boss	22301-3551-4.0	1
5	Elbow, 45 Deg Rubber 6" ID	04-9048455	1
6	Pipe 6" OD x 4"	22301-3550-004	1
7	Elbow, 45 Deg Rubber x 6" ID	04-9036166	1
8	Pipe 6" OD x 4"	22301-3550-004	1
9	Elbow, 45 Deg Reducer 6" - 5"	04-9040701	1
10	Pipe 5" OD x 3"	22301-3554-003	1
11	Hump Reducer 5" - 4"	22305-3471	1
12	Pipe 4" OD x 4"	22301-3553-004	1
13	Clamp, Hose 5.75 - 6.62 HT	22302-3405	9
14	Breeze Clamp, T-Bolt 5.25	20427-3436	2
15	T-Bolt Clamp, 4.0"	04-9048280	2

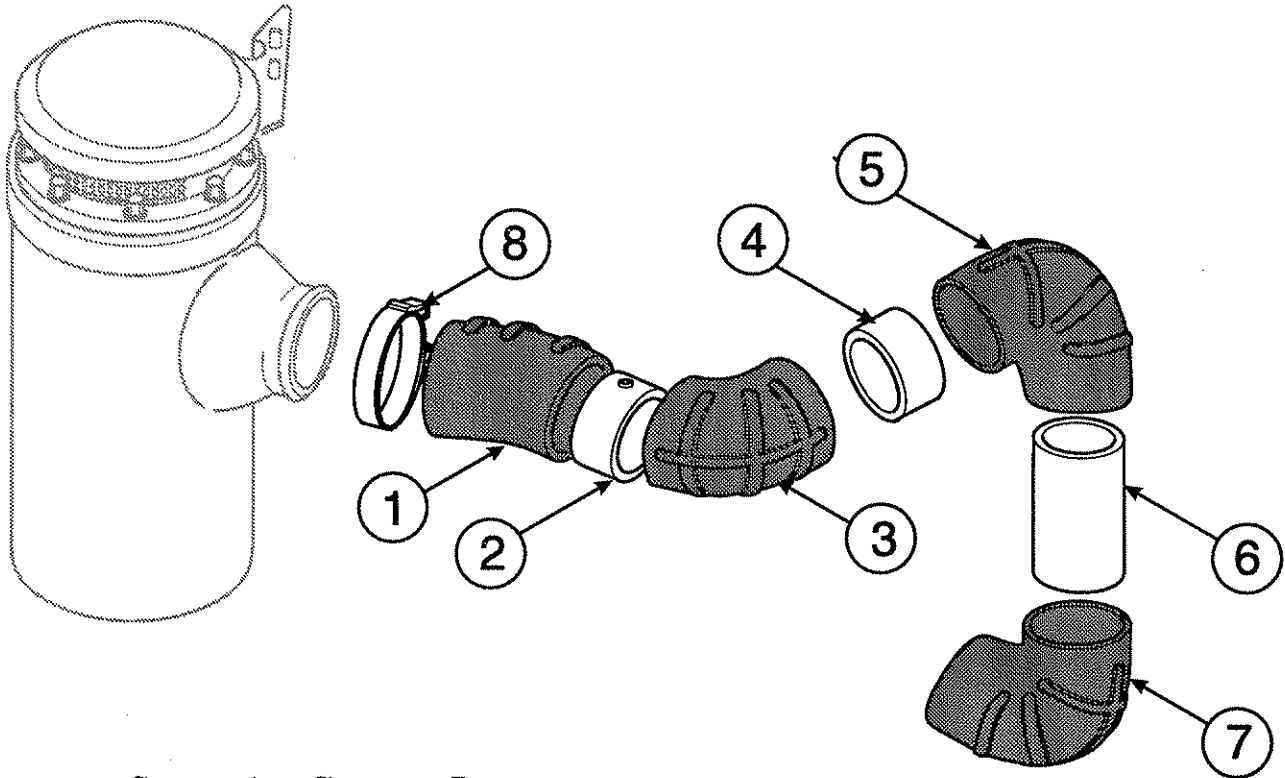


**SINGLE AIR CLEANER DUCTING  
CUMMINS M11 / L10  
4900FX / 4900SX**

*Specific BOMs listed: 3028-003-11*

**SINGLE AIR CLEANER DUCTING - CUMMINS N14 - 4800 & 5800**

Item	Description	Part Number	Qty
1	Elbow, 54 Deg Rubber 6" ID	04-9038089	1
2	Pipe 6" OD x 6.5" with Boss	22301-3551-6.5	1
3	Elbow, 69 Deg Rubber 6" ID	22305-3462	1
4	Pipe, 6" OD x 4"	22301-3550-004	1
5	Elbow, 90 Deg. Rubber 6" ID	04-9038092	1
6	Pipe 6" OD x 10"	22301-3550-010	1
7	Elbow, 90 Deg. Reducer 6" - 5.5"	04-9037183	1
8	Clamp, Hose 5.75 - 6.62 HT	22302-3405	8



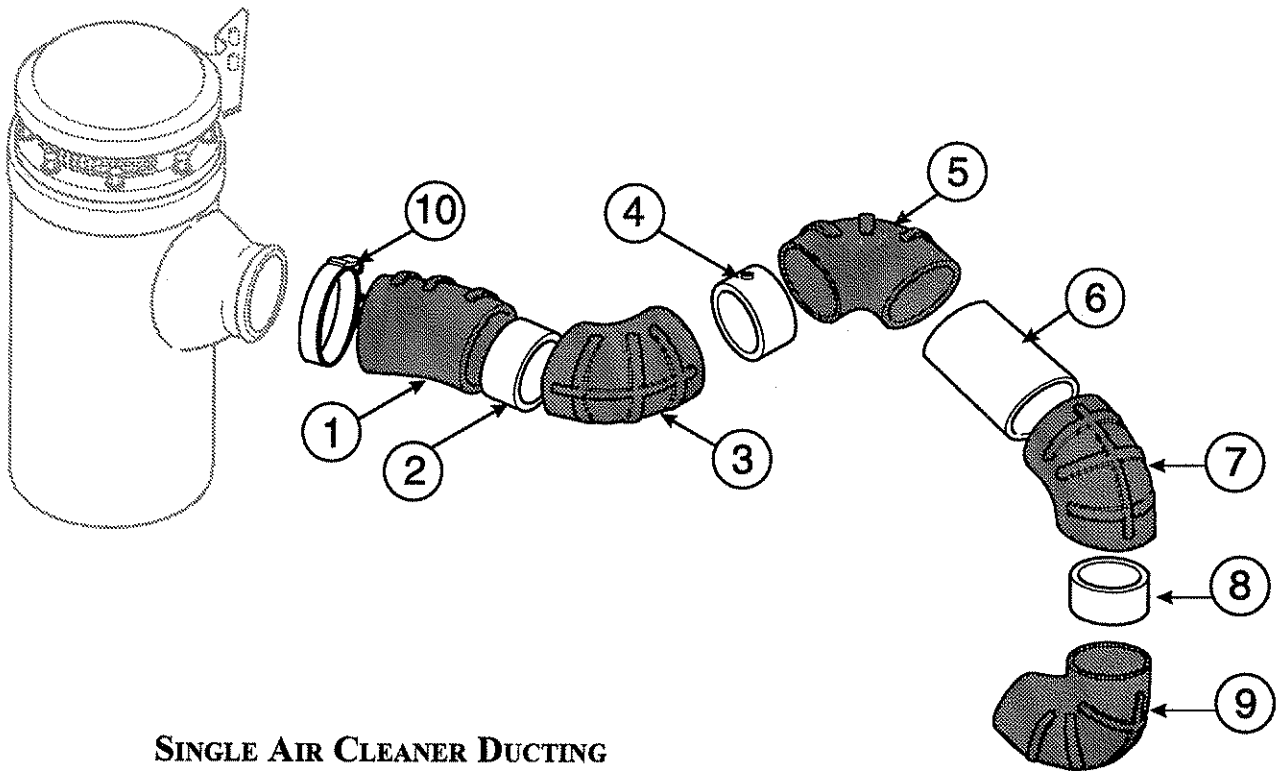
**SINGLE AIR CLEANER DUCTING  
 CUMMINS N14  
 4800 / 5800**

*Specific BOMs listed: 3028-003-04*

## SINGLE COWL MOUNTED AIR CLEANER DUCTING

### SINGLE AIR CLEANER DUCTING - CUMMINS N14 - 4900FX & 5900SX

Item	Description	Part Number	Qty							
1	Elbow, 54 Deg Rubber 6" ID	04-9038089	1							
2	Pipe 6" OD x 3"	22301-3550-003	1							
3	Elbow, 69 Deg Rubber 6" ID	22305-3462	1							
4	Pipe, 6" OD x 4" with Boss	22301-3551-4.0	1							
5	Elbow, 90 Deg. Rubber 6"	04-9038092	1							
6	Pipe 6" OD x 12"	22301-3550-012	1							
7	Elbow, 69 Deg Rubber 6" ID	22305-3462	1							
8	Pipe 6" OD x 4"	22301-3550-004	9	Elbow, 90 Deg Reducer 6" - 5.5"	04-9037183	1	10	Clamp, Hose 5.75 - 6.62 HT	22302-3405	10
9	Elbow, 90 Deg Reducer 6" - 5.5"	04-9037183	1							
10	Clamp, Hose 5.75 - 6.62 HT	22302-3405	10							

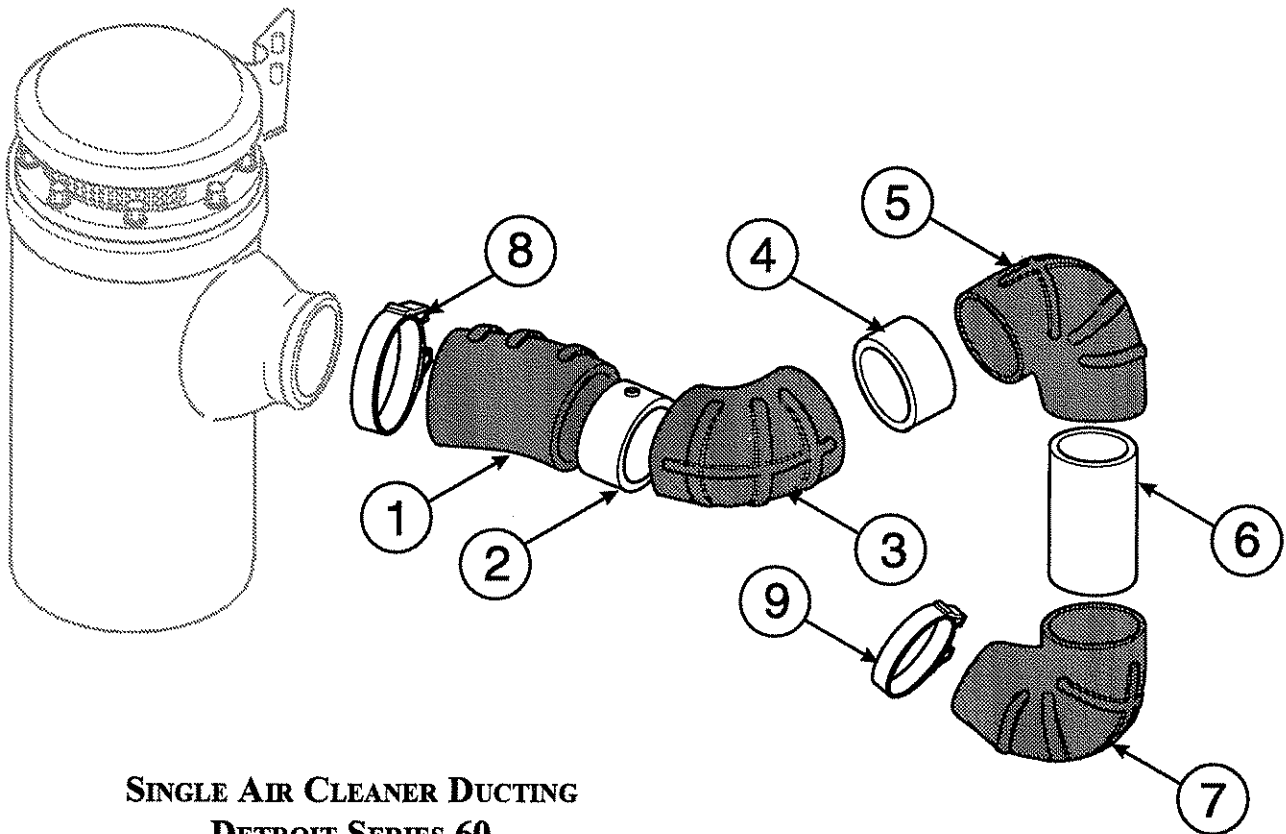


SINGLE AIR CLEANER DUCTING  
 CUMMINS N14  
 4900FX / 5900SX

*Specific BOMs listed: 3028-003-10*

**SINGLE AIR CLEANER DUCTING - DETROIT SERIES 60 - 4800 / 5800**

Item	Description	Part Number	Qty
1	Elbow, 54 Deg Rubber 6" ID	04-9038089	1
2	Pipe 6" OD x 4" with Boss	22301-3551-4.0	1
3	Elbow, 69 Deg Rubber 6" ID	22305-3462	1
4	Pipe, 6" OD x 4"	22301-3550-004	1
5	Elbow, 90 Deg. Rubber 6" ID	04-9038092	1
6	Pipe 6" OD x 12"	22301-3550-012	1
7	Elbow, 69 Deg Reducer 6"- 5"	22305-3463	1
8	Clamp, Hose 5.75 - 6.62 HT	22302-3405	7
9	Clamp, Breeze T Bolt 5.25	20427-3436	1



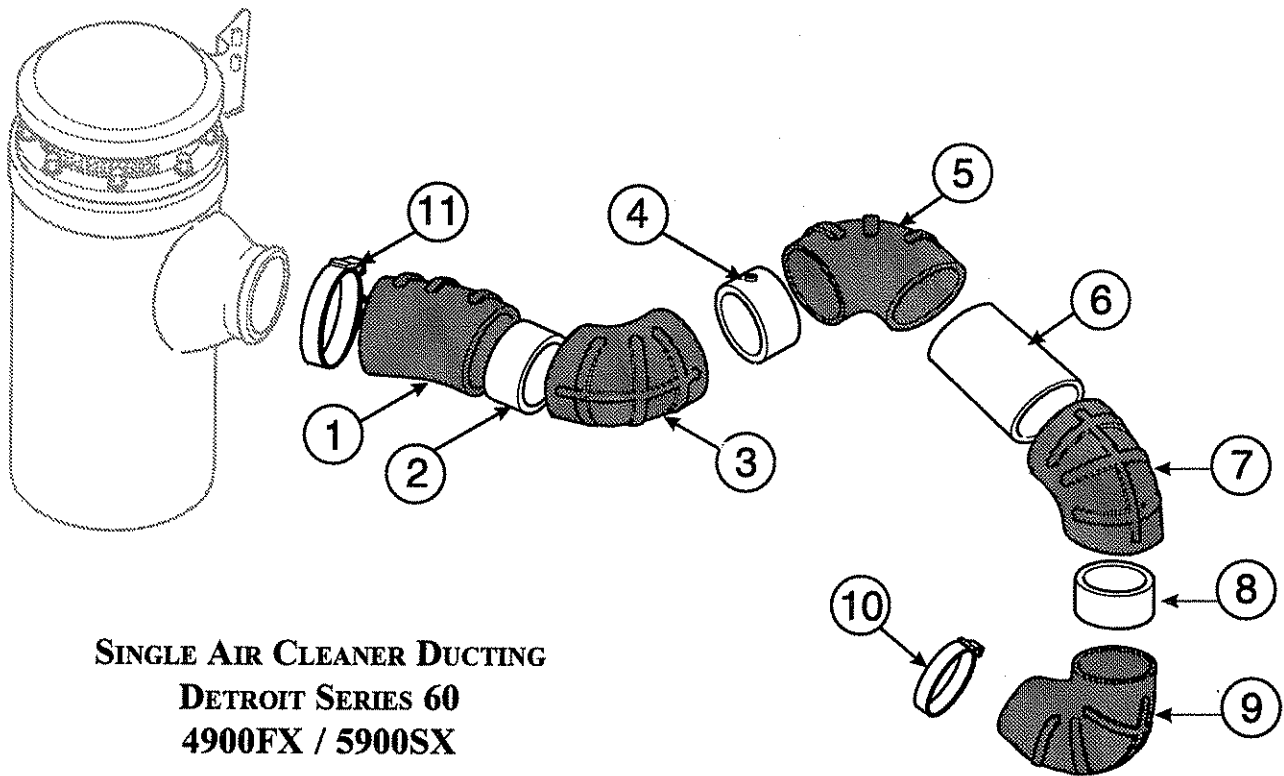
**SINGLE AIR CLEANER DUCTING  
 DETROIT SERIES 60  
 4800 / 5800**

*Specific BOMs listed: 3028-003-06*

## SINGLE COWL MOUNTED AIR CLEANER DUCTING

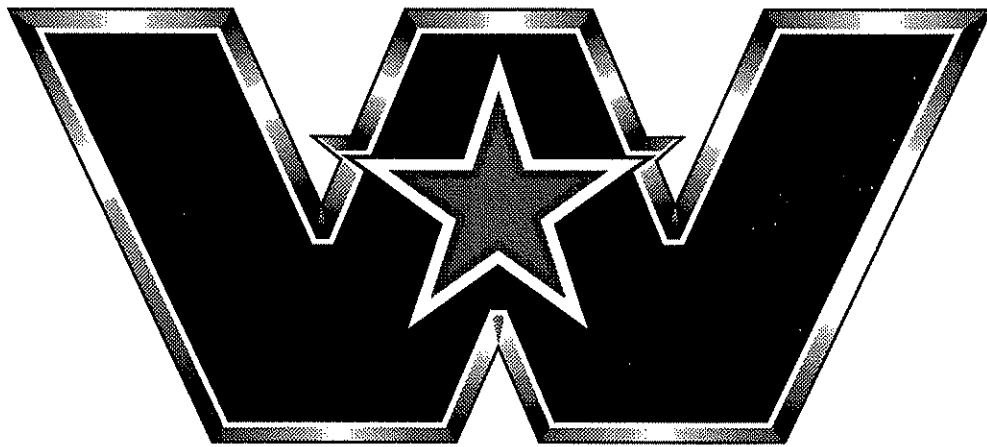
### SINGLE AIR CLEANER DUCTING - DETROIT SERIES 60 - 4900FX / 5900SX

Item	Description	Part Number	Qty
1	Elbow, 54 Deg Rubber 6" ID	04-9038089	1
2	Pipe 6" OD x 3"	22301-3550-003	1
3	Elbow, 69 Deg Rubber 6" ID	22305-3462	1
4	Pipe, 6" OD x 4" with Boss	22301-3551-4.0	1
5	Elbow, 90 Deg. Rubber 6" ID	04-9038092	1
6	Pipe 6" OD x 9"	22301-3550-009	1
7	Elbow, 69 Deg Rubber 6" ID	22305-3462	1
8	Pipe 6" OD x 5"	22301-3550-005	1
9	Elbow, 90 Deg Reducer 6" - 5"	22305-3463	1
10	Clamp, Breeze T Bolt 5.25	20427-3436	1
11	Clamp, Hose 5.75 - 6.62 HT	22302-3405	9



**SINGLE AIR CLEANER DUCTING  
DETROIT SERIES 60  
4900FX / 5900SX**

*Specific BOMs listed: 3028-003-12*



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**DUAL COWL MOUNTED AIR CLEANER DUCTING****TABLE OF CONTENTS**

	<b>Page</b>
<b>UPPER DUAL AIR CLEANER DUCTING</b>	
All Engines .....	2
<b>LOWER DUAL AIR CLEANER DUCTING</b>	
Cat 3406, 4800 & 5800 Models .....	3
Cat 3406, 49FX & 49SX Models .....	4
Cat 3406, 49EX Model.....	5
Cummins N14, 4800 & 5800 Models .....	6
Cummins N14, 49FX & 49SX Models.....	7
Cummins N14, 49EX Model .....	8
DDA Series 60, 4800 & 5800 Models.....	9
DDA Series 60, 49FX & 49SX Models .....	10
DDA Series 60, 49EX Model .....	11

**Note:** *This publication is a generic parts book. Components may vary with different applications. For applications other than listed below the parts listing see the appropriate Bill of Material by truck serial number and use this publication as a guide only.*

**DUAL AIR CLEANERS UPPER DUCTING - ALL INSTALLATIONS**

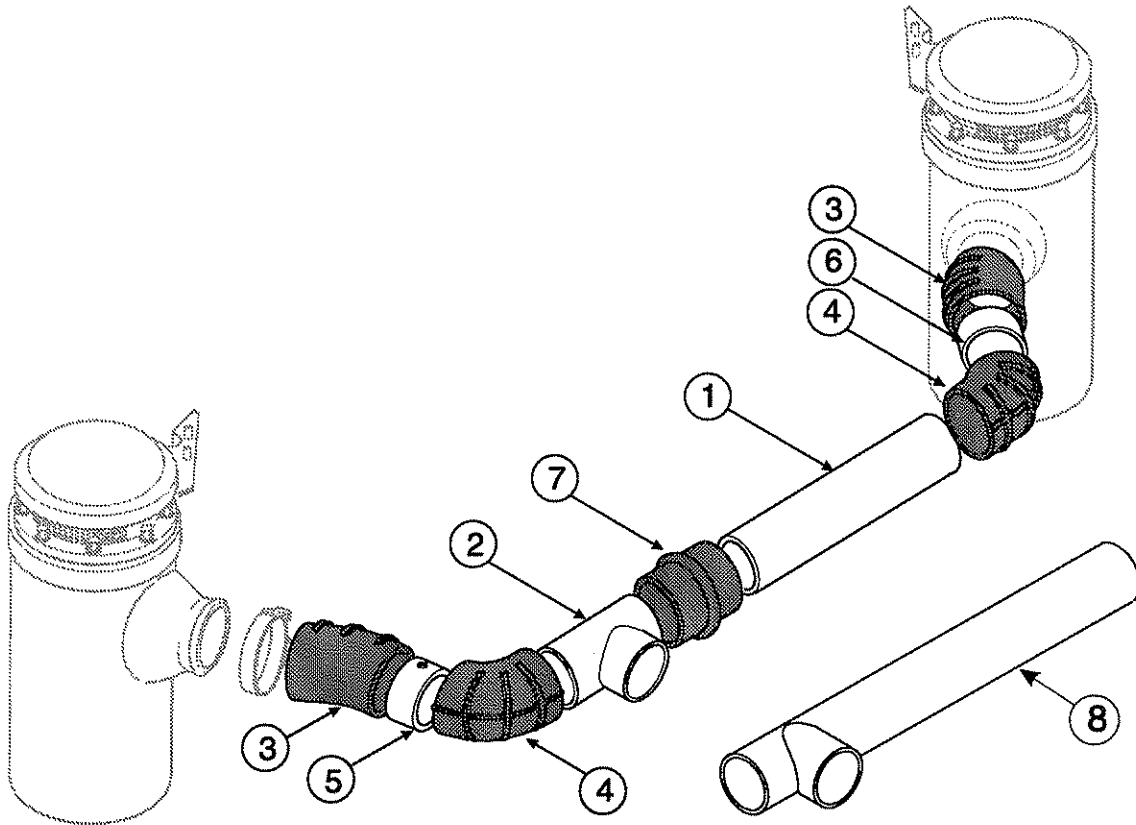
Item	Description	Part Number	Qty
3	Elbow, 54 Deg. Rubber 6" ID	04-9038089	2
4	Elbow, 69 Deg. Rubber 6" ID	22305-3462	2
5	Pipe, 6" OD with Boss 4" long	22301-3551-4.0	1
6	Pipe, 6" OD x 3" long Aluminum	22301-3550-003	1
-	Hose Clamp 5.75 - 6.62 HT	22302-3405	As Required

**Before Feb 8, 1996**

1	Pipe, 6"OD x 27" Aluminum	22301-3550-027	1
2	Wye Pipe 6"OD	22301-3537	1
7	Hump Hose 6" ID x 7" long	22305-3415	1

**After Feb 8, 1996**

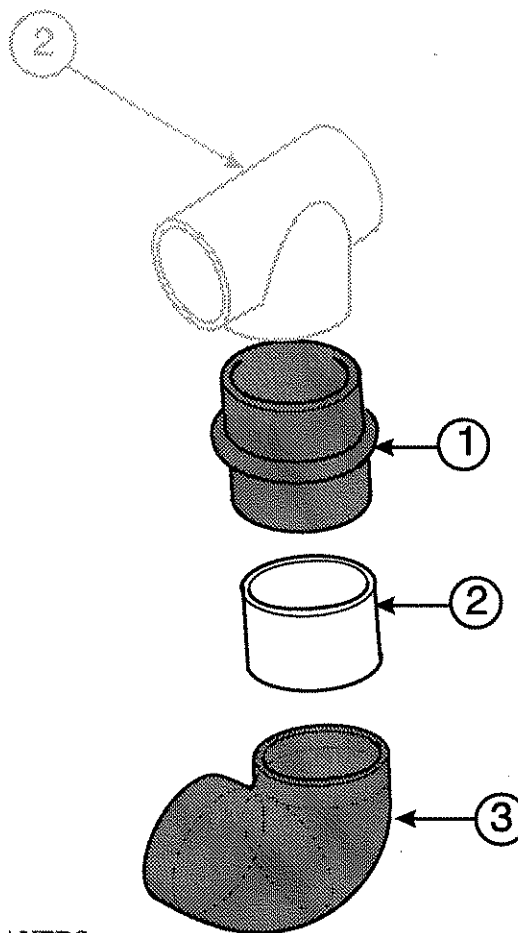
8	Wye Pipe 6"OD	22303-3523	1
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**Specific BOMs listed: 3028-005-01**

**DUAL COWL MOUNTED AIR CLEANER DUCTING****DUAL AIR CLEANERS - LOWER DUCTING - CAT 3406 E/C - 4800/5800**

Item	Description	Part Number	Qty
1	Hump Hose 6" ID x 7" long	22315-3415	1
2	Pipe 6" OD x 6" long	22301-3550-006	1
3	Elbow, 90 Deg. Rubber 6" ID	04-9038092	1
-	Hose Clamp 5.75 - 6.62 HT	22302-3405	As Required

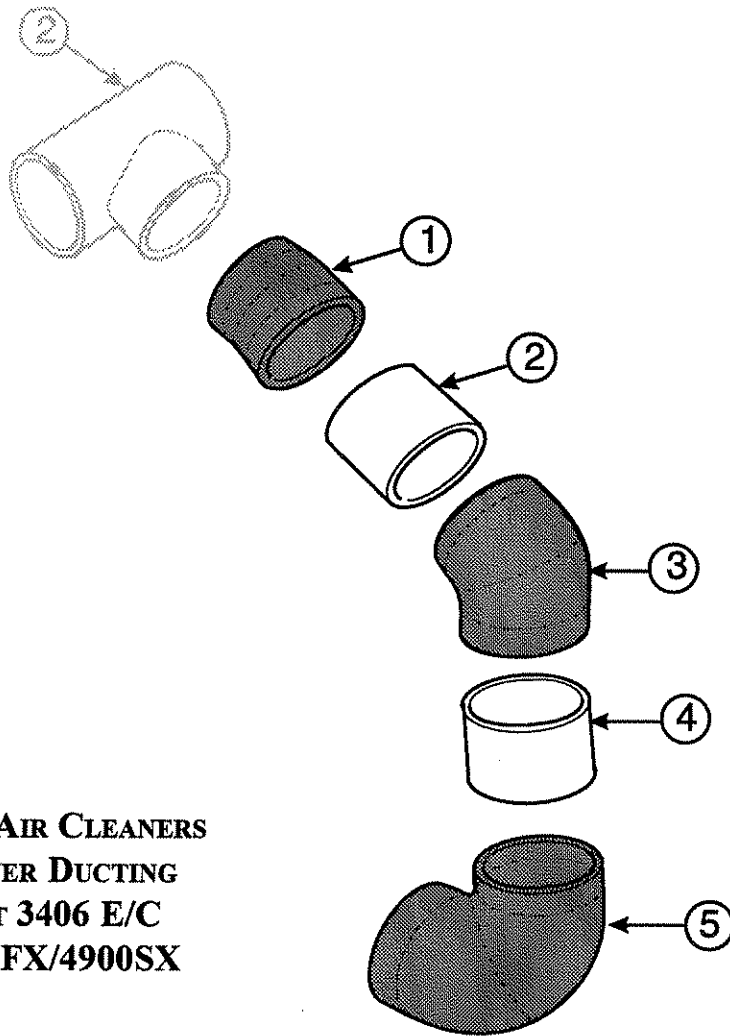


**DUAL AIR CLEANERS  
LOWER DUCTING  
CAT 3406 E/C  
4800/5800**

*Specific BOMs listed: 3028-004-01*

**DUAL AIR CLEANERS - LOWER DUCTING - CAT 3406 E/C - 4900FX & 4900SX**

Item	Description	Part Number	Qty
1	Elbow, 22 Deg. Rubber 6" ID	04-9038090	1
2	Pipe, Aluminum 6" OD x 7" long	22301-3550-007	1
3	Elbow, 54 Deg. Rubber 6" ID	04-9038089	1
4	Pipe, Aluminum 6" OD x 4" long	22301-3550-004	1
5	Elbow, 90 . Rubber 6" ID	04-9038092	1
-	Hose Clamp 5.75 - 6.62 HT	22302-3405	As Required



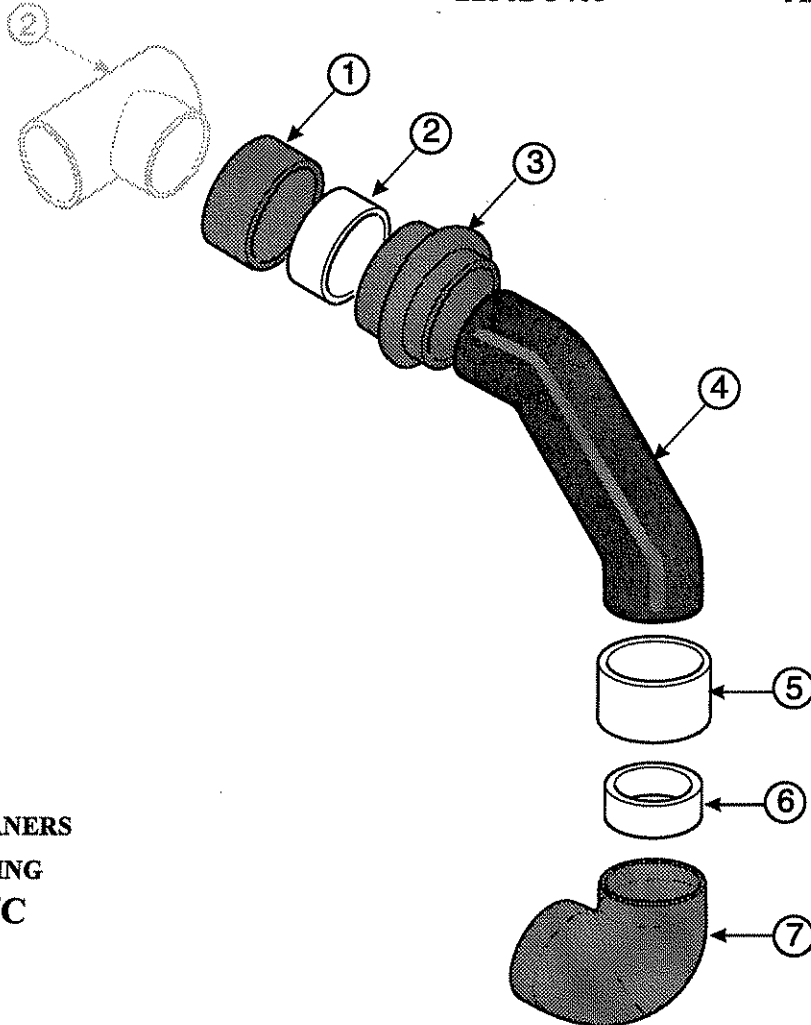
**DUAL AIR CLEANERS  
 LOWER DUCTING  
 CAT 3406 E/C  
 4900FX/4900SX**

*Specific BOMs listed: 3028-004-04*

## DUAL COWL MOUNTED AIR CLEANER DUCTING

### DUAL AIR CLEANERS - LOWER DUCTING - CAT 3406 E/C - 4900EX

1	Connector, Rubber 6" ID x 7" long	22305-3414	1
2	Pipe 6" OD x 4" long	22301-3550-004	1
3	6" Hump Hose 6" ID	02-7069612	1
4	Elbow, Air Duct 49EX	22301-3496	1
5	Connector, Rubber 6" ID x 7" long	22305-3414	1
6	Pipe 6" OD x 3" long	22301-3550-003	1
7	Elbow, 90 Deg Rubber 6" ID	04-9038092	1
-	Hose Clamp 5.75 - 6.62 HT	22302-3405	As Required

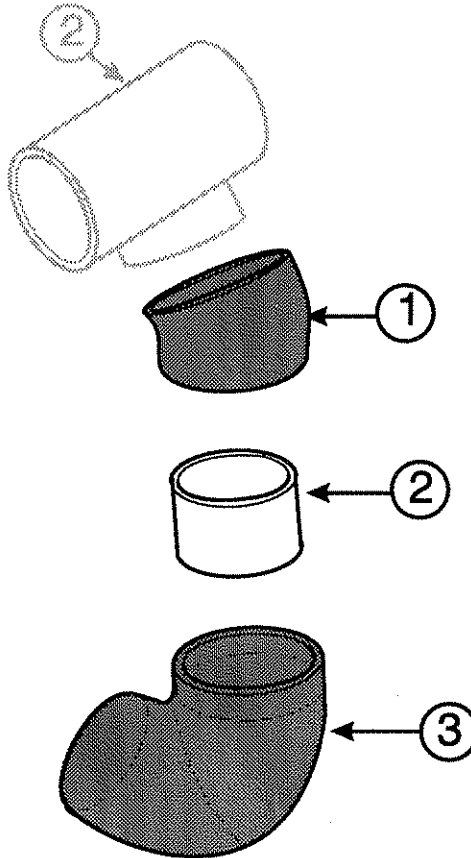


**DUAL AIR CLEANERS  
LOWER DUCTING  
CAT 3406 E/C  
4900EX**

*Specific BOMs listed: 3028-004-07*

**DUAL AIR CLEANERS - LOWER DUCTING - CUMMINS N14 - 4800FX & 5800SS**

Item	Description	Part Number	Qty
1	Elbow, 22 Deg. Rubber 6" ID	04-9038090	1
2	Pipe, Aluminum 6" OD x 7" long	22301-3550-007	1
3	Elbow, 90 Deg. 6" ID - 5.5"	04-9037183	1
-	Hose Clamp 5.75 - 6.62 HT	22302-3405	As Required



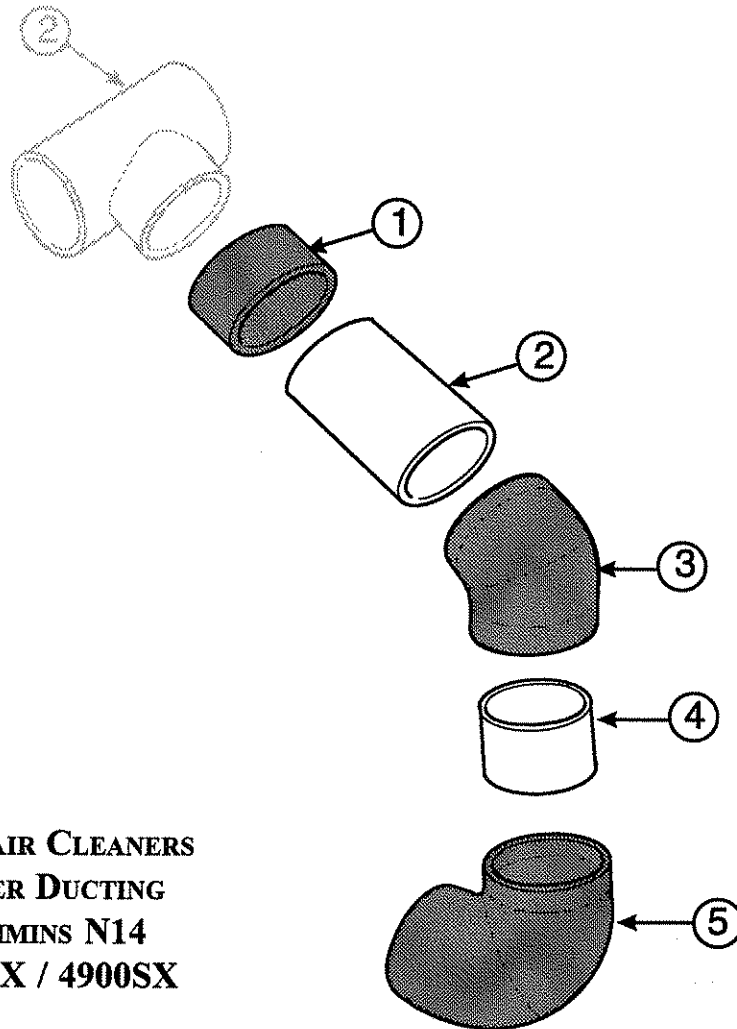
**DUAL AIR CLEANERS  
 LOWER DUCTING  
 CUMMINS N14  
 4800FX & 5800SS**

*Specific BOMs listed: 3028-004-02*

## DUAL COWL MOUNTED AIR CLEANER DUCTING

### DUAL AIR CLEANERS - LOWER DUCTING - CUMMINS N14 - 4900FX / 4900SX

Item	Description	Part Number	Qty
1	Connecting Rubber 6" ID x 4" long	22315-3414	1
2	Pipe, 6" OD x 9" long	22301-3550-009	1
3	Elbow, 69 Deg. 6" ID	22305-3462	1
4	Pipe, 6" OD x 4" long	22301-3550-004	1
5	Elbow, 90 Deg Reducer 6" - 5.5"	04-9037183	1
-	Hose Clamp 5.75 - 6.62 HT	22302-3405	As Required

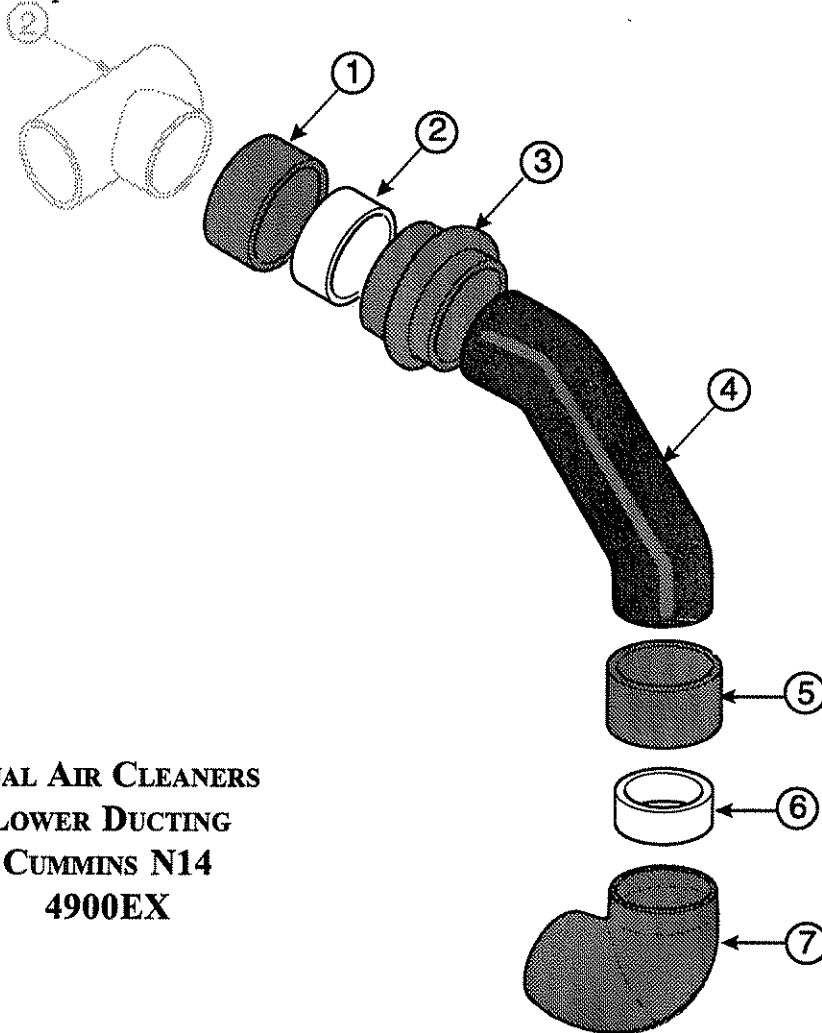


DUAL AIR CLEANERS  
LOWER DUCTING  
CUMMINS N14  
4900FX / 4900SX

Specific BOMs listed: 3028-004-05

**DUAL AIR CLEANERS - LOWER DUCTING - CUMMINS N14 - 4900EX**

Item	Description	Part Number	Qty
1	Rubber Connector 6" ID x 4" long	22315-3414	1
2	Pipe, Aluminum 6" OD x 4" long	22301-3550-004	1
3	Hump Hose 6" ID x 7" long	22315-3415	1
4	Elbow, 4900 6" ID	22301-3496	1
5	Rubber Connector 6" ID x 4" long	22315-3414	1
6	Pipe, 6" OD x 3" long	22301-3550-003	1
7	Elbow, 90 Deg Reducer 6" - 5.5"	04-9037183	1
-	Hose Clamp 5.75 - 6.62 HT	22302-3405	As Required



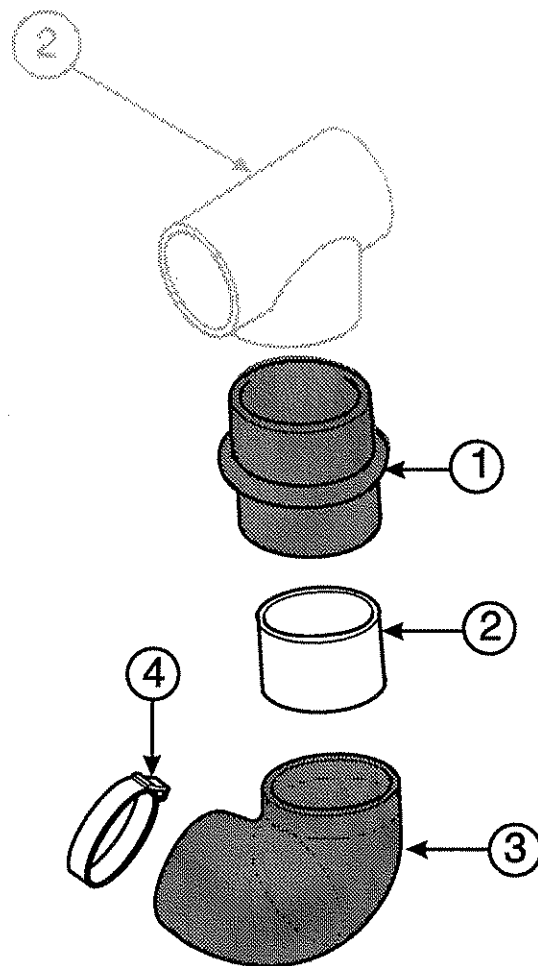
**DUAL AIR CLEANERS  
 LOWER DUCTING  
 CUMMINS N14  
 4900EX**

*Specific BOMs listed: 3028-004-08*

## DUAL COWL MOUNTED AIR CLEANER DUCTING

### DUAL AIR CLEANERS - LOWER DUCTING - DETROIT SERIES 60 - 4800FX / 5800SS

Item	Description	Part Number	Qty
1	Hump Hose 6" ID x 7" long	22315-3415	1
2	Pipe, 6" OD x 5" long	22301-3550-005	1
3	Elbow, 90 Deg. 6" ID - 5" ID	22305-3463	1
4	Clamp, Breeze T-Bolt 5.25	20427-3436	1
-	Hose Clamp 5.75 - 6.62 HT	22302-3405	As Required

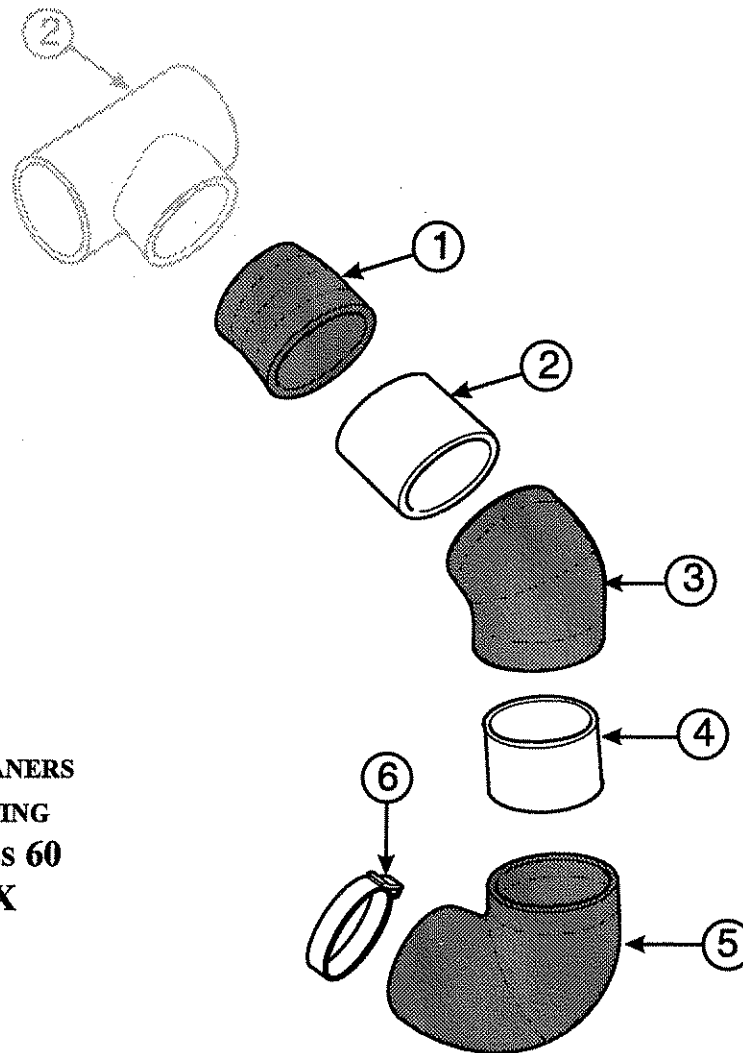


DUAL AIR CLEANERS  
LOWER DUCTING  
DETROIT SERIES 60  
4800FX / 5800SS

*Specific BOMs listed:* 3028-004-03

**DUAL AIR CLEANERS - LOWER DUCTING - DETROIT SERIES 60 - 4900 FX/SX**

Item	Description	Part Number	Qty
1	Elbow 22 Deg. Rubber 6.0" OD	04-9038090	1
2	Pipe, Aluminum 6" OD x 7" long	22301-3550-007	1
3	Elbow 54 Deg. Rubber, 6.0" ID	04-9038089	1
4	Pipe, Aluminum 6" OD x 4" long	22301-3550-004	1
5	Elbow, 90 Deg Reducer 6" - 5.0"	22305-3463	1
6	Clamp, Breeze T-Bolt 5.25	20427-3436	1
-	Hose Clamp 5.75 - 6.62 HT	22302-3405	As Required



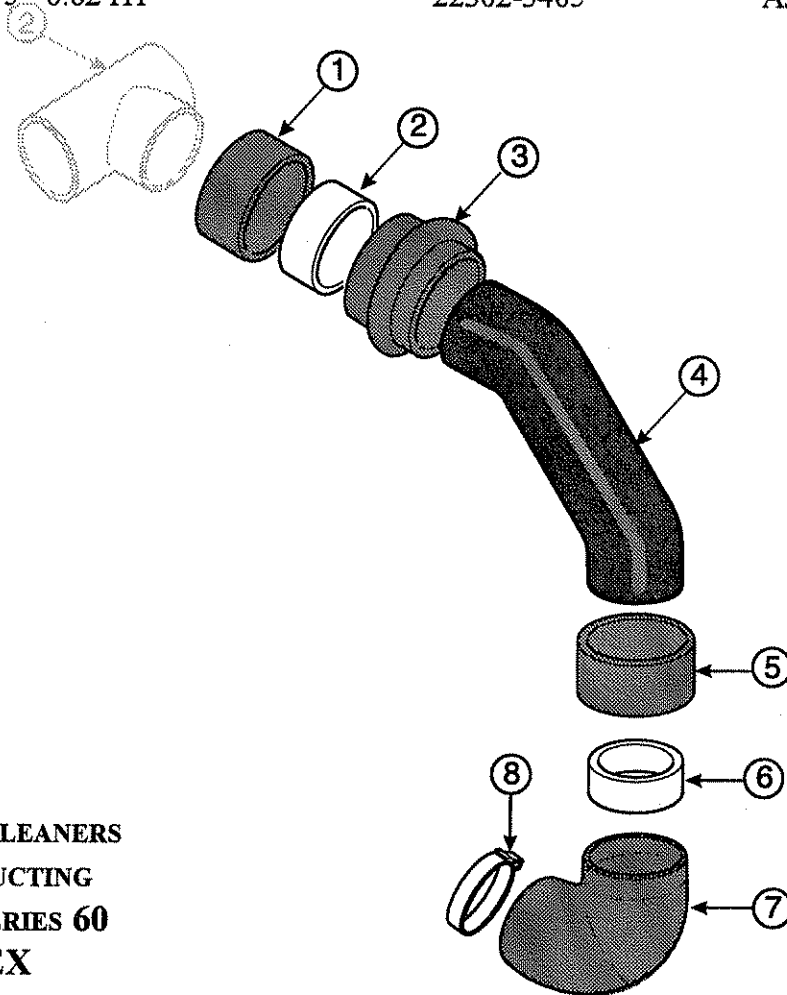
**DUAL AIR CLEANERS  
 LOWER DUCTING  
 DETROIT SERIES 60  
 4900 FX/SX**

*Specific BOMs listed: 3028-004-06*

## DUAL COWL MOUNTED AIR CLEANER DUCTING

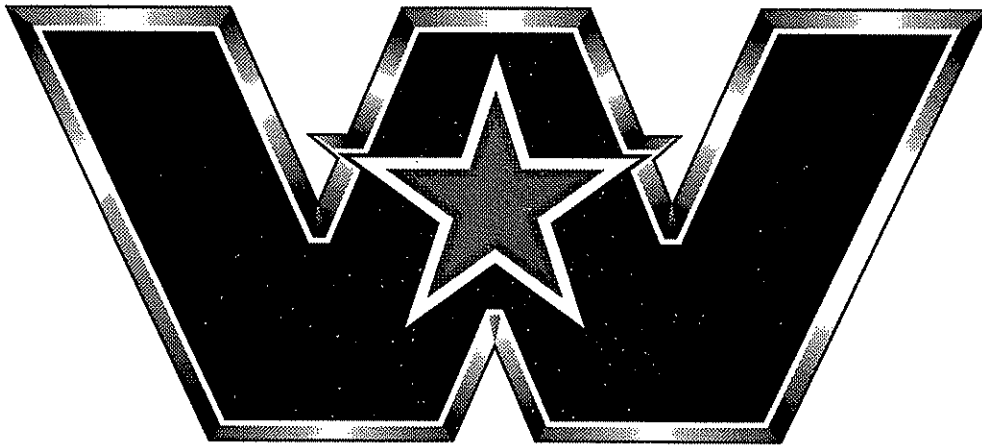
### DUAL AIR CLEANERS - LOWER DUCTING - DETROIT SERIES 60 - 4900EX

Item	Description	Part Number	Qty
1	Rubber Connector 6" ID x 4" long	22315-3414	1
2	Pipe, Aluminum 6" OD x 4" long	22301-3550-004	1
3	Hump Hose 6" ID x 6" long	02-7069612	1
4	Elbow, 4900 6" ID	22301-3496	1
5	Rubber Connector 6" ID x 4" long	22315-3414	1
6	Pipe, 6" OD x 3" long	22301-3550-003	1
7	Elbow, 90 Deg Reducer 6" - 5.0"	22305-3463	1
8	Clamp, Breeze T-Bolt 5.25	20427-3436	1
-	Hose Clamp 5.75 - 6.62 HT	22302-3405	As Required



**DUAL AIR CLEANERS  
LOWER DUCTING  
DETROIT SERIES 60  
4900EX**

*Specific BOMs listed: 3028-004-09*



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# ENGINE

## UNDER HOOD AIR CLEANER

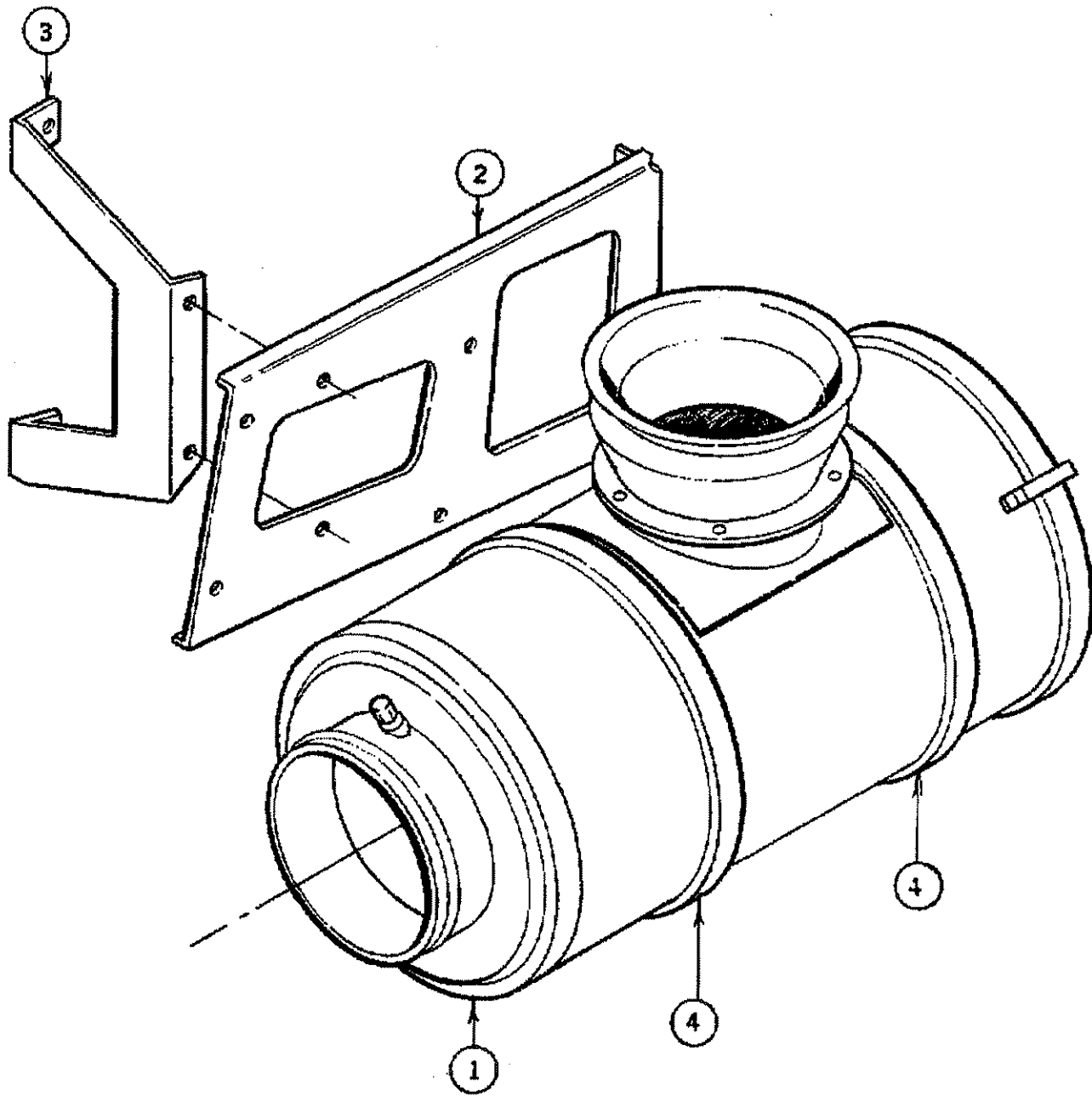
1.6.4

### TABLE OF CONTENTS

	Section	Page
Under Hood Air Cleaner .....	1.6.4 .....	2-3

*Note: This publication is a generic parts book. Components may vary with different applications. For applications other than listed below the parts list see the appropriate Bill of Material by truck serial number and use this publication as a guide only.*

ENGINE 1



**ENGINE**  
**UNDER HOOD AIR CLEANER**

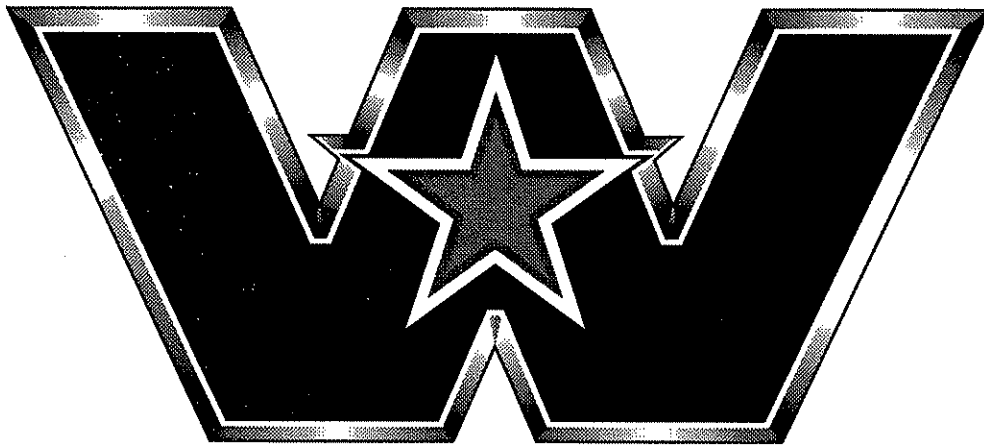
1.6.4

**UNDER HOOD AIR CLEANER & MOUNTING**

Item	Description	Part Number	Qty
1	Air Cleaner, Under Hood	22001-3437	1
1	- <i>Adaptor, Rubber</i>	P52-0452	1
1	- <i>Replacement Element</i>	P15-3551	1
2	Bracket, Under Hood Air Cleaner	22403-3495	1
3	Bracket, Under Hood Air Cleaner, Firewall	22403-3496	1
4	Clamp, Air Cleaner Mounting	22009-3419	2

*Specific BOMs listed: 3018-002-01*

**ENGINE 1**



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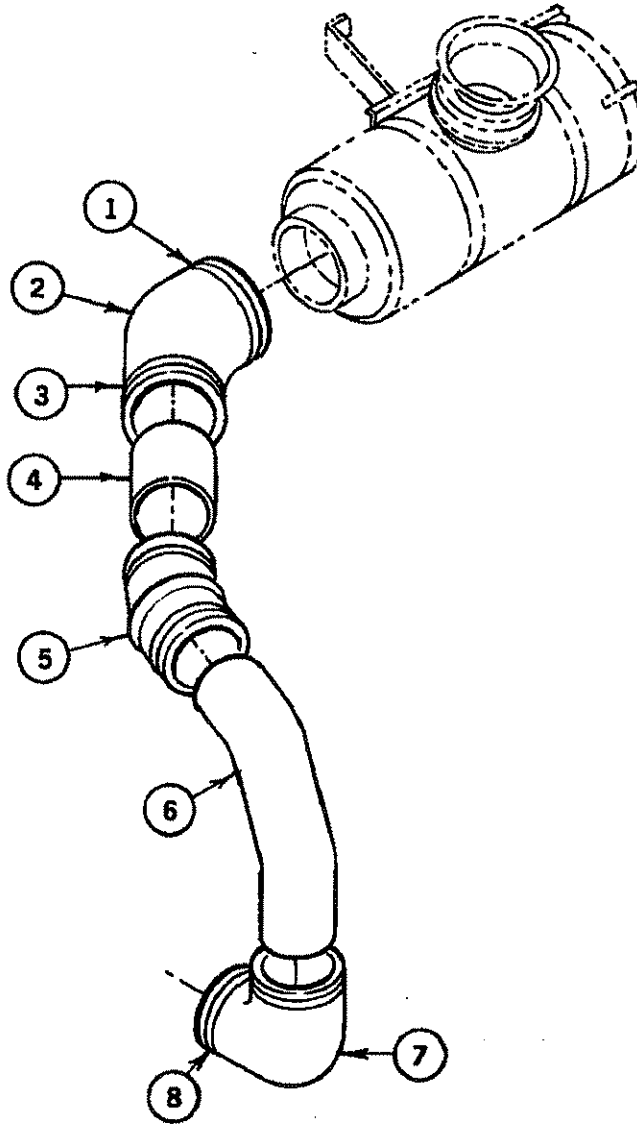
**UNDER HOOD AIR CLEANER DUCTING****TABLE OF CONTENTS**

	<b>Page</b>
<b>5900 CAT 3406 .....</b>	<b>2</b>
<b>5900 CAT 3176 .....</b>	<b>3</b>
<b>5900 Cummins N14.....</b>	<b>4</b>
<b>5900 Cummins L10 / M11 .....</b>	<b>5</b>
<b>5900 DDA Series 60 .....</b>	<b>6</b>
<b>5800 CAT 3406 .....</b>	<b>7</b>
<b>5800 CAT 3306C .....</b>	<b>8</b>
<b>5800 CAT 3176 .....</b>	<b>9</b>
<b>5800 Cummins N14.....</b>	<b>10</b>
<b>5800 Cummins L10 / M11 .....</b>	<b>11</b>
<b>5800 DDA Series 60 .....</b>	<b>12</b>

***Note: This publication is a generic parts book. Components may vary with different applications. For applications other than listed below the parts list see the appropriate Bill of Material by truck serial number and use this publication as a guide only.***

**5900 MODEL WITH CAT 3406E ENGINE**

Item	Description	Part Number	Qty
1	Clamp, T-bolt 7.0 Duct	04-9036387	1
2	Elbow, 45 Degree Rubber Reducing 7.0-6.0	04-9053557	1
3	Clamp, Hose 5.75-6.62	22302-3405	4
4	Pipe, 6.0 OD x 5.0 long	22301-3550-005	1
6	Elbow, Double Bend	22301-3496	1
5	Elbow, 36 Degree 6.0 ID with Hump	22305-3478	1
7	Elbow, 90 Degree Rubber 6.0 Dia.	04-9038092	1
8	Clamp, T-bolt 6.0	04-9037027	1

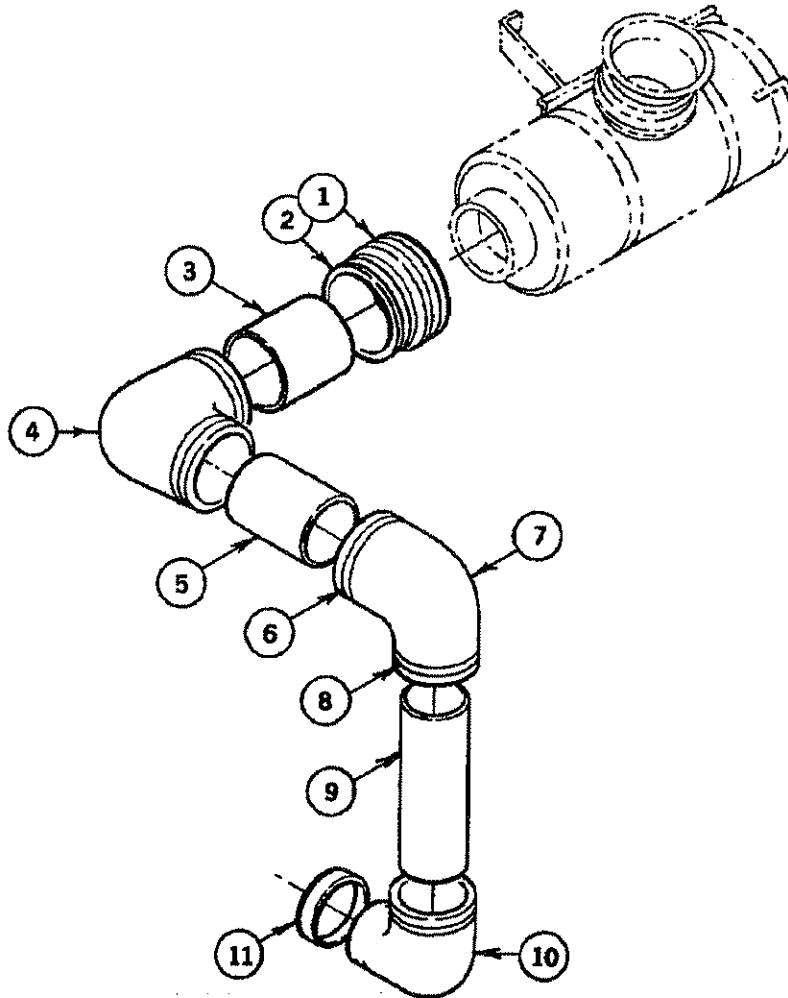


**Specific BOMs listed: 3028-001-01**

## UNDER HOOD AIR CLEANER DUCTING

### 5900 MODEL WITH CAT 3176 ENGINE

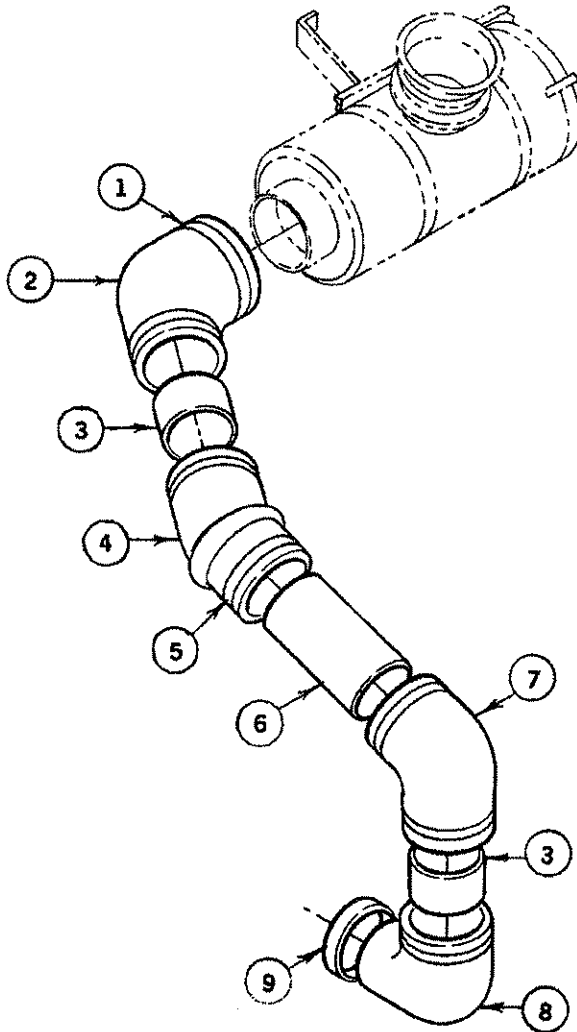
Item	Description	Part Number	Qty
1	Reducer 7.0-6.0	22305-3473	1
2	Clamp, T-bolt 7.0	04-9036387	1
3	Pipe, 6.0 OD x 6.0 long	22301-3550-006	1
4	Elbow, 90 Degree Rubber 6.0 Dia.	04-9036165	1
5	Clamp, Hose 5.75 - 6.62	22302-3405	1
6	Pipe, 6.0 OD x 6.5 long	22301-3551-6.5	1
7	Elbow, 90 Degree Reducing 6.0-5.0	22305-3444	1
8	Pipe, 5.0 x 15.0 long	22301-3554-015	1
9	Clamp, Hose 4.75-5.62	22302-3406	2
10	Elbow, 90 Degree Reducing 5.0-4.0	22305-3470	1
11	Clamp, T-bolt 4.0	04-9048280	1



*Specific BOMs listed:* 3028-001-02

**5900 MODEL WITH CUMMINS N14E ENGINE**

Item	Description	Part Number	Qty
1	Clamp, T-bolt 7.0 Duct	04-9036387	1
2	Elbow, 45 Degree Reducing 6.0-7.0	04-9053557	1
3	Pipe, 6.0 OD x 3.0 long	22301-3550-003	2
4	Elbow, 36 Degree with Hump 6.0 ID	22305-3478	1
5	Clamp, Hose 5.75 - 6.62	22302-3405	7
6	Pipe, 6.0 OD x 10.0 long	22301-3550-010	1
7	Elbow, 69 Degree Rubber 6.0 ID	22305-3462	1
8	Elbow, 90 Degree Reducing 6.0-5.5 ID	04-9037183	1
9	Clamp, Breeze T-bolt 5.25	20427-3436	1

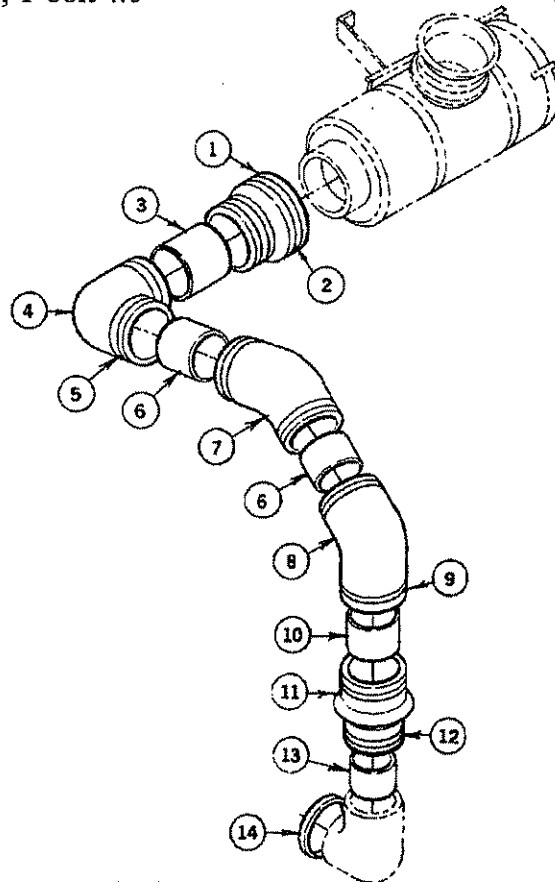


**Specific BOMs listed: 3028-001-03**

## UNDER HOOD AIR CLEANER DUCTING

### 5900 MODEL WITH CUMMINS L10/M11 ENGINE

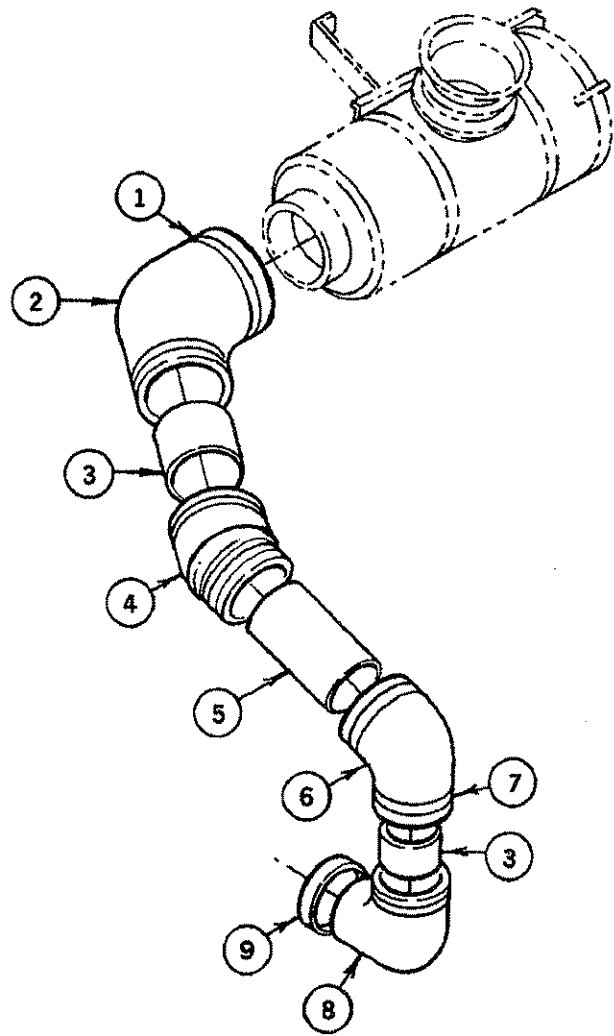
Item	Description	Part Number	Qty
1	Reducer 7.0-6.0	22305-3473	1
2	Clamp, T-bolt 7.0	04-9036387	1
3	Pipe, 6.0 OD x 6.0 long	22301-3550-006	1
4	Elbow, 90 Degree Rubber 6.0 Dia.	04-9036165	1
5	Clamp, Hose 5.75-6.62	22302-3405	6
6	Pipe, 4.0 OD x 4.0 long	22301-3553-004	2
7	Elbow, 45 Degree Rubber 6.0 Dia.	04-9036166	1
8	Elbow, 45 Degree Reducing 6.0-5.0 Dia.	04-9040701	1
9	Clamp, Hose 4.75-5.62	22302-3406	2
10	Pipe, 5.0 OD x 3.0 long	22301-3554-003	1
11	Hump Hose, Reducing 5.0-4.0	22305-3471	1
12	Clamp, Breeze T-bolt 5.25	20427-3436	2
13	Pipe, 6.0 OD x 4.0 long	22301-3550-004	2
14	Clamp, T-bolt 4.0	04-9048280	1



*Specific BOMs listed:* 3028-001-04

**5900 MODEL WITH DETROIT DIESEL SERIES 60 ENGINE**

Item	Description	Part Number	Qty
1	Clamp, T-bolt 7.0	04-9036387	1
2	Elbow, 45 Degree Reducing 7.0-6.0	04-9053557	1
3	Pipe, 6.0 OD x 6.0 long	22301-3550-006	2
4	Elbow, 36 Degree 6.0 ID with Hump	22305-3478	1
5	Pipe, 6.0 OD x 8.5 long	22301-3550-8.5	1
6	Elbow, 69 Degree 6.0 ID Rubber	22305-3462	1
7	Clamp, Hose 5.75-6.62	22302-3405	6
8	Elbow, 90 Degree Rubber 6.0-5.0	22305-3463	1
9	Clamp, Breeze T-bolt 5.25	20427-3436	1

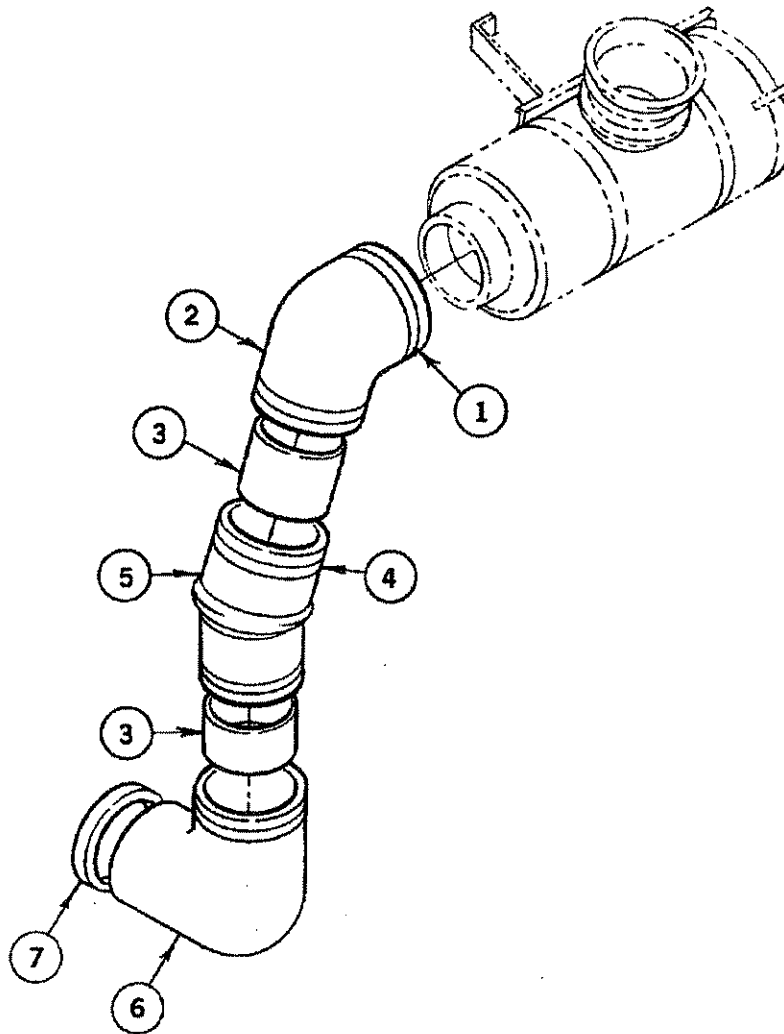


**Specific BOMs listed: 3028-001-05**

## UNDER HOOD AIR CLEANER DUCTING

### 5800 MODEL WITH CAT 3406E ENGINE

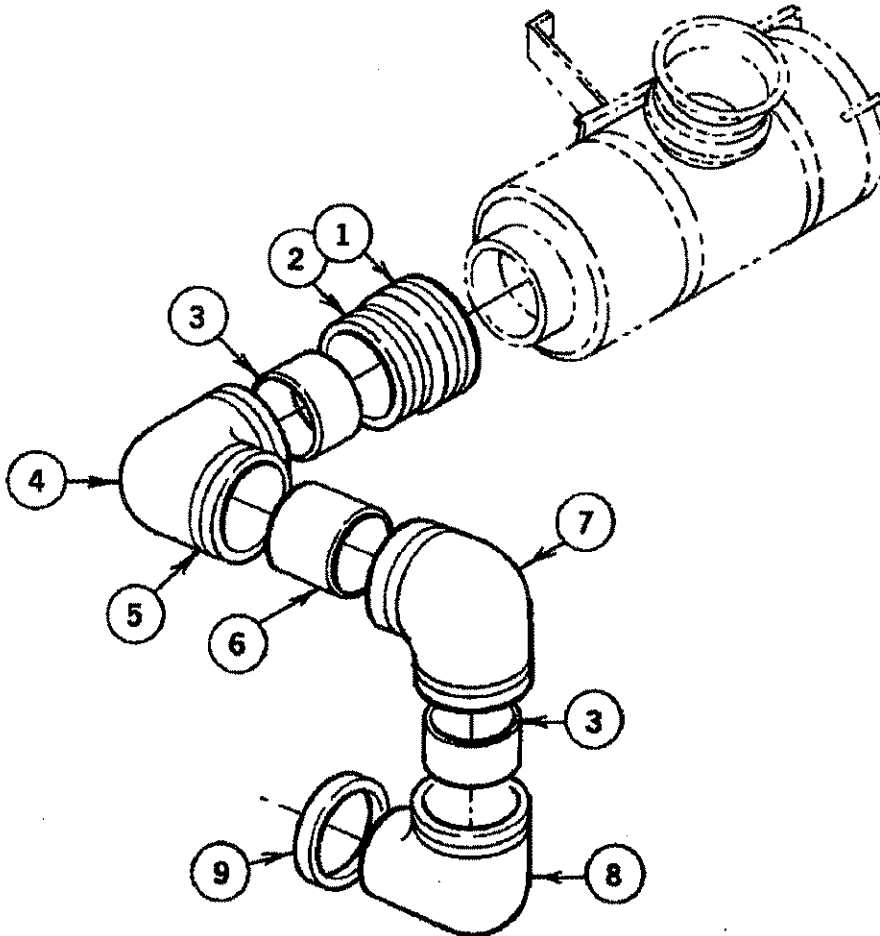
Item	Description	Part Number	Qty
1	Clamp, T-bolt 7.0	04-9036387	1
2	Elbow, 45 Degree Reducing 7.0-6.0	04-9053557	1
3	Pipe, 6.0 OD x 6.0 long	22301-3550-006	2
4	Clamp, Hose 5.75-6.62	22302-3405	4
5	Elbow, 36 Degree 6.0 ID with Hump	22305-3478	1
6	Elbow, 90 Degree Rubber 6.0 Dia.	22305-3474	1
7	Clamp, T-bolt 6.0	04-9037027	1



*Specific BOMs listed:* 3028-001-06

**5800 MODEL WITH CAT 3306C ENGINE**

Item	Description	Part Number	Qty
1	Clamp, T-bolt 7.0	04-9036387	1
2	Reducer, 7.0-6.0	22305-3473	1
3	Pipe, 6.0 OD x 3.0 long	22301-3550-003	2
4	Elbow, 90 Degree Rubber 6.0 Dia.	04-9038092	1
5	Clamp, Hose 5.75-6.62	22302-3405	6
6	Pipe, 6.0 OD x 4.5 long	22301-3550-4.5	1
7	Elbow, 90 Degree Rubber 6.0 Dia.	22305-3474	1
8	Elbow, 90 Degree 6.0-5.0	22305-3464	1
9	Clamp, Breeze T-bolt 5.25	20427-3436	1

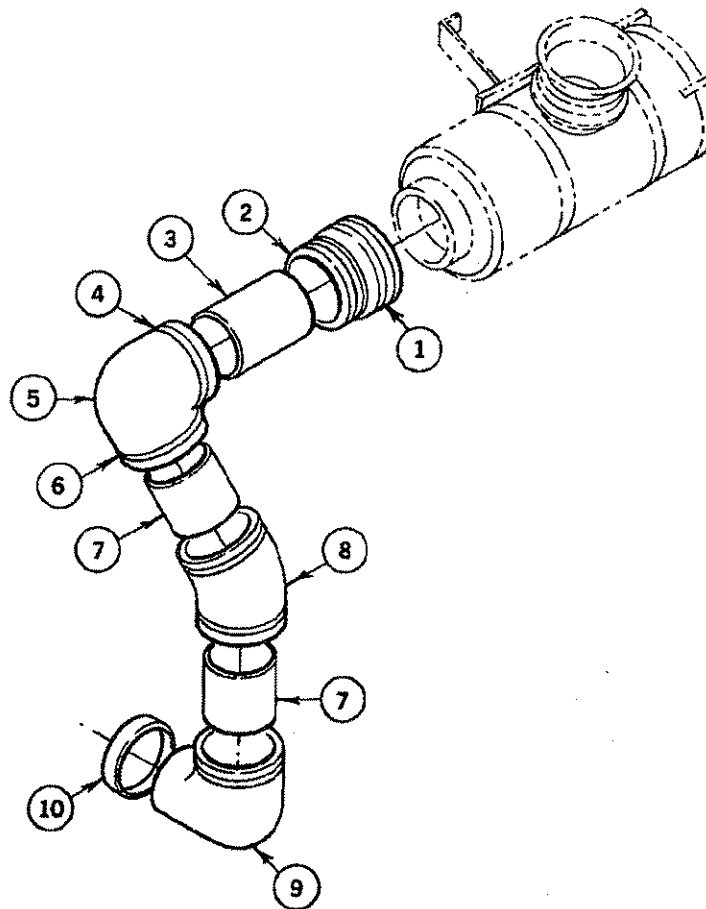


**Specific BOMs listed: 3028-001-07**

## UNDER HOOD AIR CLEANER DUCTING

### 5800 MODEL WITH CAT 3176B ENGINE

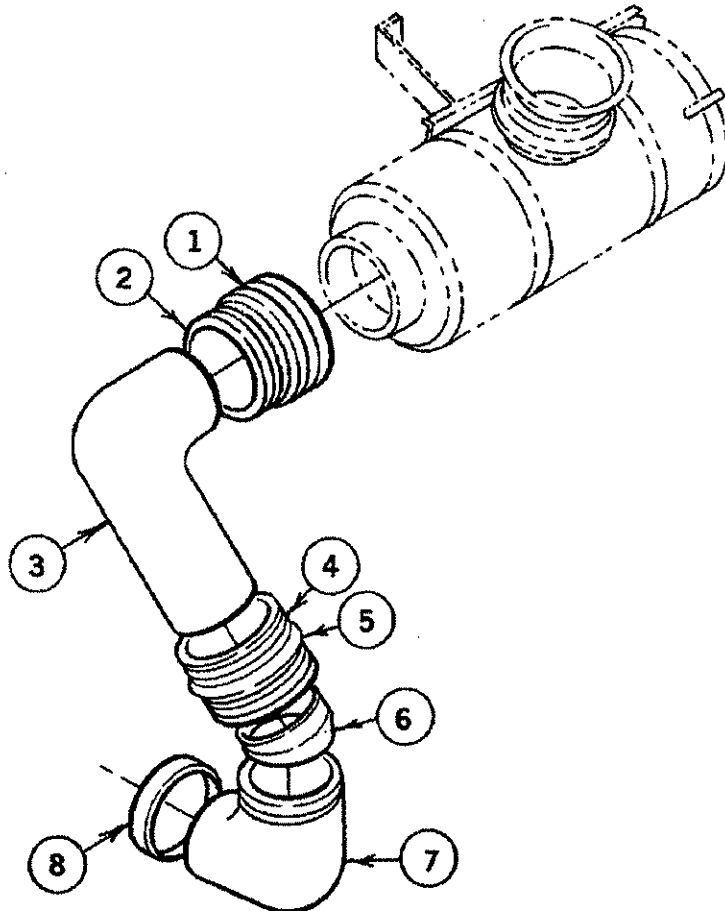
Item	Description	Part Number	Qty
1	Clamp, T-bolt 7.0	04-9036387	1
2	Hump Hose, Reducing 7.0-6.0	02-7107361	1
3	Pipe, 6.0 OD x 6.5 long with Boss	22301-3551-6.5	1
-	Connector, #4 x 1/4 NPT	459421	1
-	Elbow, 90 Degree #4 x 1/4 NPT	459425	1
-	Hose Assembly, #4 Wire Braid	5730-33.0	1
4	Clamp, Hose 5.75-6.62	22302-3405	2
5	Elbow, 90 Degree Reducing 6.0-5.0 Dia.	22305-3444	1
6	Clamp, Hose 4.75-5.62	22302-3406	4
7	Pipe, 5.0 OD x 5.5 long	22301-3554-5.5	2
8	Elbow, 37 Degree 5.0	22305-3472	1
9	Elbow, 90 Degree Reducing 5.0-4.0	22305-3470	1
10	Clamp, T-bolt 4.0	04-9048280	1



*Specific BOMs listed:* 3028-001-08

**5800 MODEL WITH CUMMINS N14E ENGINE**

Item	Description	Part Number	Qty
1	Clamp, T-bolt 7.0	04-9036387	1
2	Reducer, 7.0-6.0	22305-3473	1
3	Elbow, Single Air Duct	22301-3497	1
4	Elbow, 36 Degree 6.0 ID with Hump	22305-3478	1
5	Pipe, 6.0 OD x 4.5 long	22301-3550-4.5	1
6	Clamp, Hose 5.75-6.62	22302-3405	4
7	Elbow, 90 Degree Reducer 6.0-5.5	04-9037183	1
8	Clamp, Breeze T-bolt 5.25	20427-3436	1

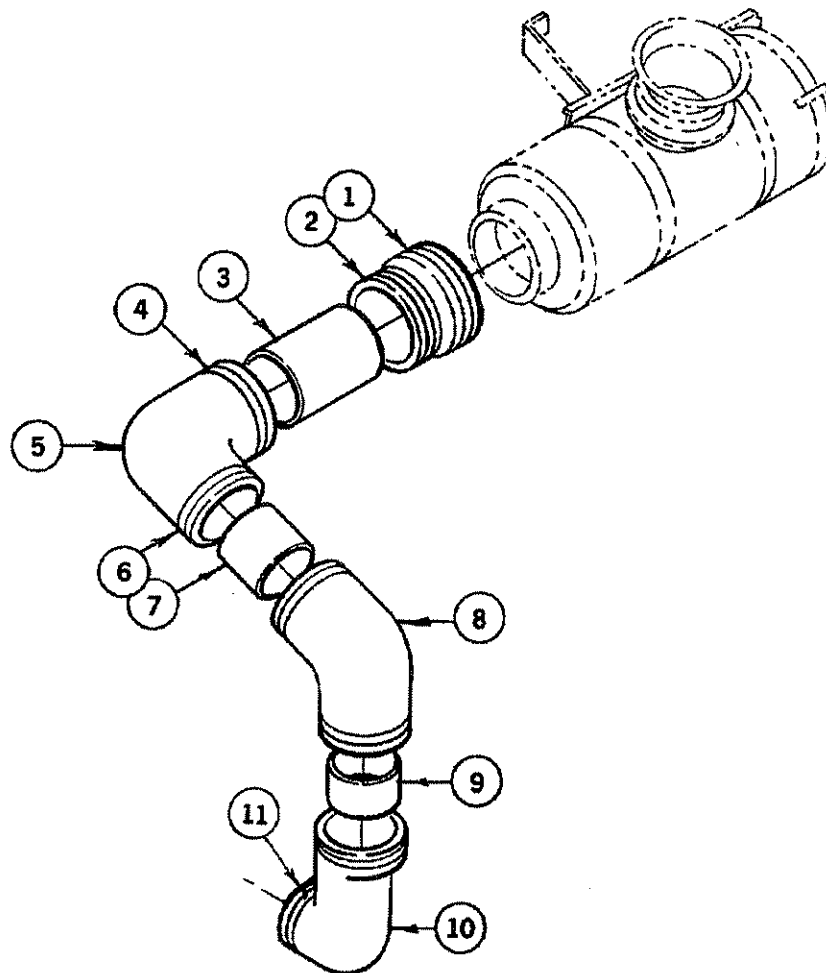


**Specific BOMs listed: 3028-001-09**

## UNDER HOOD AIR CLEANER DUCTING

### 5800 MODEL WITH CUMMINS L10/M11 ENGINE

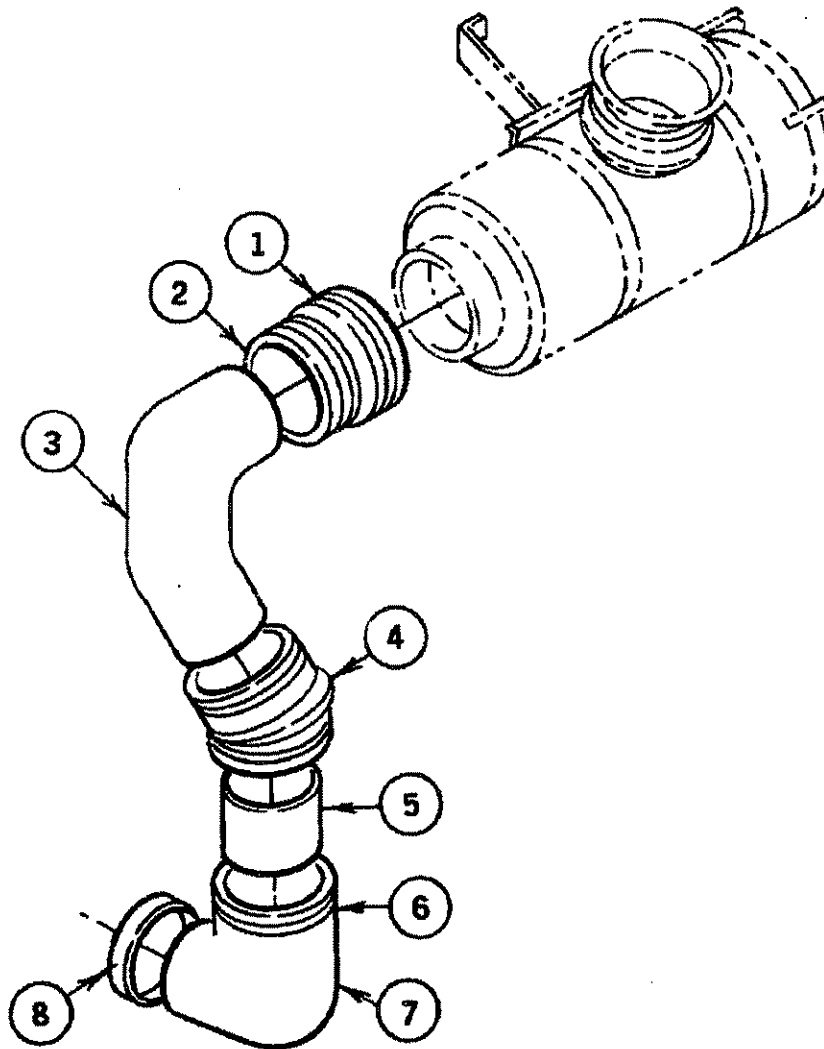
Item	Description	Part Number	Qty
1	Clamp, T-bolt 7.0	04-9036387	1
2	Reducer, 7.0-6.0	22305-3473	1
3	Pipe, 6.0 OD x 8.5 long	22301-3550-8.5	1
4	Clamp, Hose 5.75-6.62	22302-3405	2
5	Elbow, 90 Degree Reducing 6.0-5.5 ID	04-9037183	1
6	Clamp, Hose 4.75-5.62	22302-3406	4
7	Pipe, 5.5 OD x 4.0 long	22301-3555-004	1
8	Elbow, 45 Degree Rubber 5.5 Dia.	04-9002067	1
9	Pipe, 5.5 OD x 6.0 long	22301-3555-006	1
10	Elbow, Reducing 5.5-4.0	22305-3491	1
11	Clamp, T-bolt 4.0	04-9048280	1



*Specific BOMs listed:* 3028-001-10

**5800 MODEL WITH DETROIT DIESEL SERIES 60 ENGINE**

Item	Description	Part Number	Qty
1	Clamp, T-bolt 7.0	04-9036387	1
2	Reducer, 7.0-6.0	22305-3473	1
3	Elbow, single Air Duct	22301-3497	1
4	Clamp, Hose 5.75-6.62	22302-3405	4
5	Hose, Hump 6.0 ID x 4.0 long	22315-3417	1
6	Pipe, Air Intake 6.0 x 15 Degree	22301-3556	1
7	Elbow, 90 Degree Reducer 6.0-5.0 Dia.	22305-3444	1
8	Clamp, Breeze T-bolt 5.25	20427-3436	1



*Specific BOMs listed: 3028-001-11*

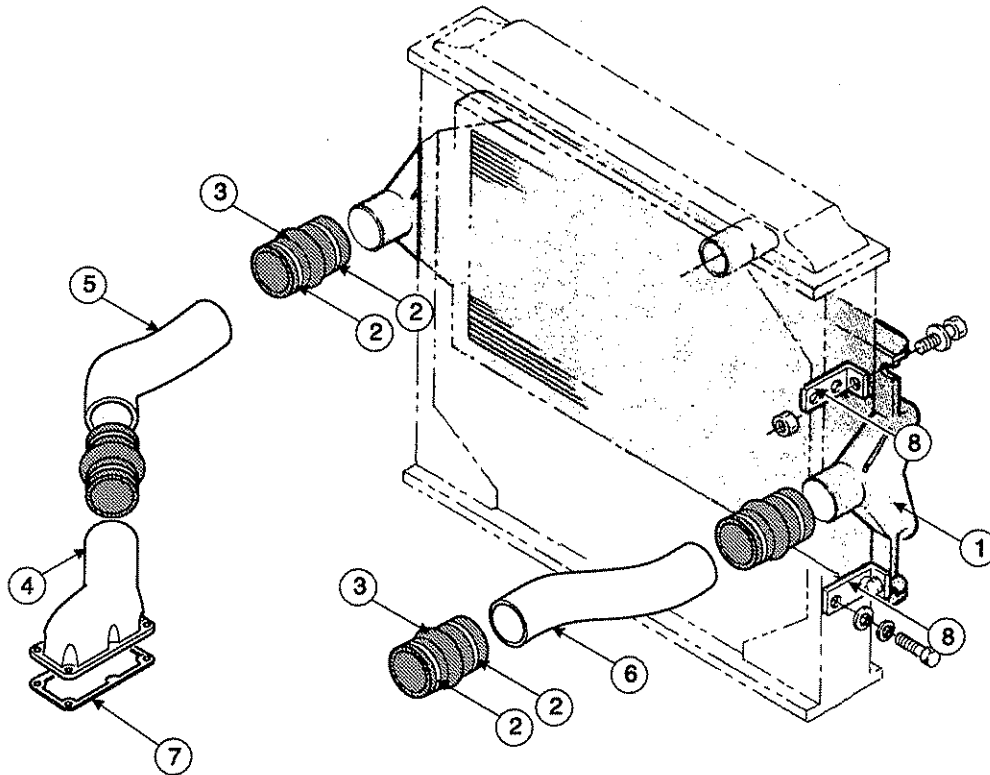
### TABLE OF CONTENTS

	Page
<b>CHARGE AIR COOLER INSTALLATION</b>	
CAT 3406C .....	2
CAT 3406E with 550/750 CFM Compressor .....	3
CAT 3406E with 1400 CFM Compressor .....	4
Cummins M11 / L10 .....	5
Cummins N14 .....	6
DDA Series 60 .....	7
Cat 3176 .....	8

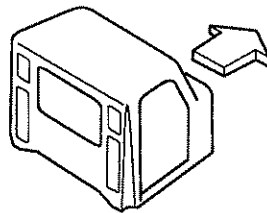
*Note: This publication is a generic parts book. Components may vary with different applications. For applications other than listed below the parts list see the appropriate Bill of Material by truck serial number and use this publication as a guide only.*

**CHARGE AIR COOLER AND DUCTING - CAT 3406C**

Item	Description	Part Number	Qty
1	Charge Air Cooler	22227-3409	1
2	Clamp, T Bolt HD, 4.06 - 4.3	20427-3431	8
3	Hump Hose with Reinforcing Rings	22315-3423	4
4	CAC, Adaptor	22301-3484	1
5	Tube, CAC LHS	22303-3490	1
6	Tube, CAC RHS	22303-3495	1
7	Gasket, Intake Manifold	22319-3401	1
8	Bracket, CAC Support	22228-3412	4



**CHARGE AIR COOLER AND DUCTING  
 CAT 3406C**



**Specific BOMs listed: 3028-002-03**

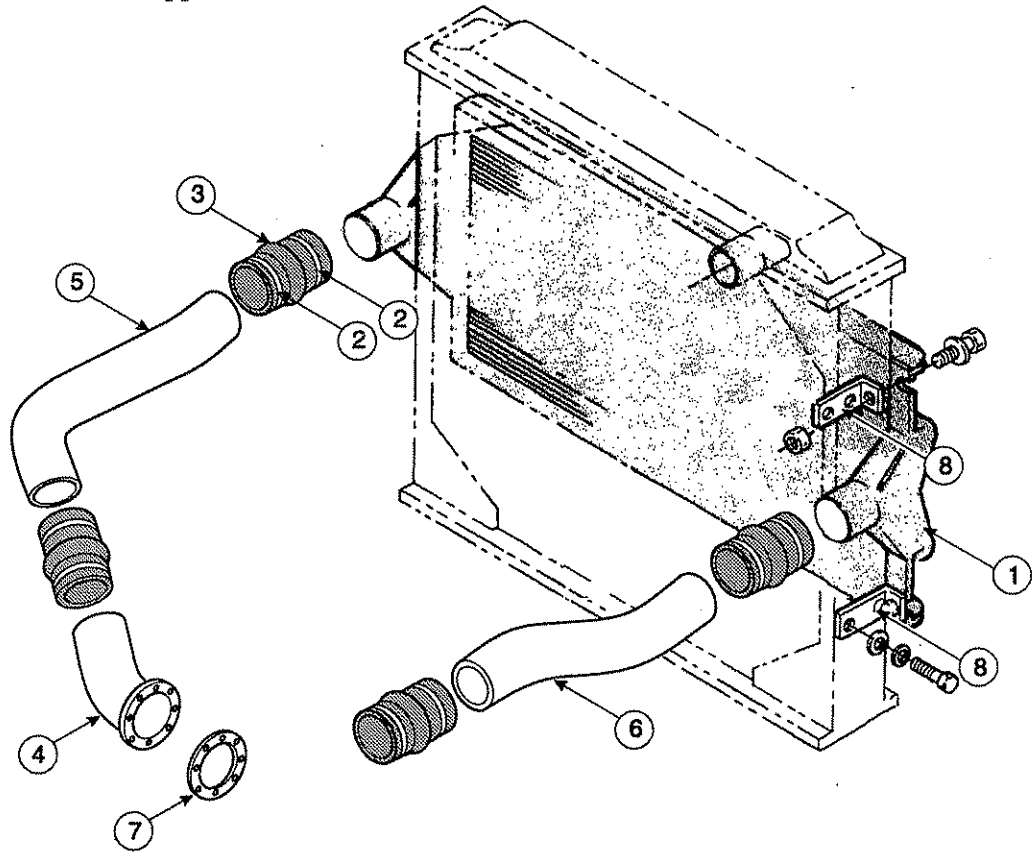
# ENGINE

## CHARGE AIR COOLER

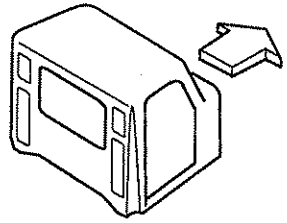
1.6.6

### CHARGE AIR COOLER AND DUCTING - CAT 3406E - 550 OR 750 CFM COMPRESSOR

Item	Description	Part Number	Qty
1	Charge Air Cooler	22227-3409	1
2	Clamp, T Bolt HD, 4.06 - 4.3	20427-3431	8
3	Hump Hose with Reinforcing Rings	22315-3423	4
4	CAC, Adaptor	22303-3458	1
5	Tube, CAC LHS	22303-3490	1
6	Tube, CAC RHS	22303-3491	1
7	Gasket, Intake Manifold	22319-3407	1
8	Bracket, CAC Support	22228-3412	4



**CHARGE AIR COOLER AND DUCTING  
CAT 3406E  
550 OR 750 CFM COMPRESSOR**

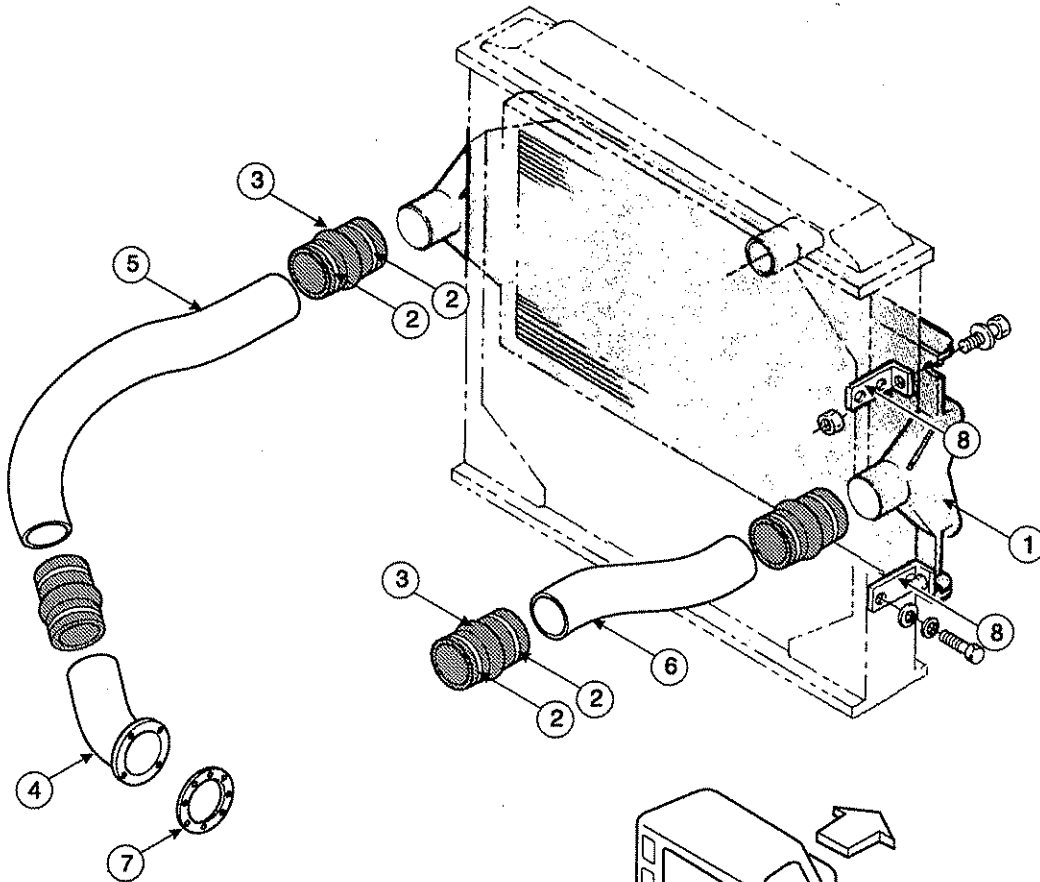


*Specific BOMs listed:*    **3028-002-01**

**ENGINE 1**

**CHARGE AIR COOLER AND DUCTING - CAT 3406E - 1400 CFM COMPRESSOR**

Item	Description	Part Number	Qty
1	Charge Air Cooler	22227-3409	1
2	Clamp, T Bolt HD, 4.06 - 4.3	20427-3431	8
3	Hump Hose with Reinforcing Rings	22315-3423	4
4	Adaptor, Manifold	22303-3442	1
5	Tube, CAC LHS	22303-3490	1
6	Tube, CAC RHS	22303-3492	1
7	Gasket, Intake Manifold	22319-3407	1
8	Bracket, CAC Support	22228-3412	4

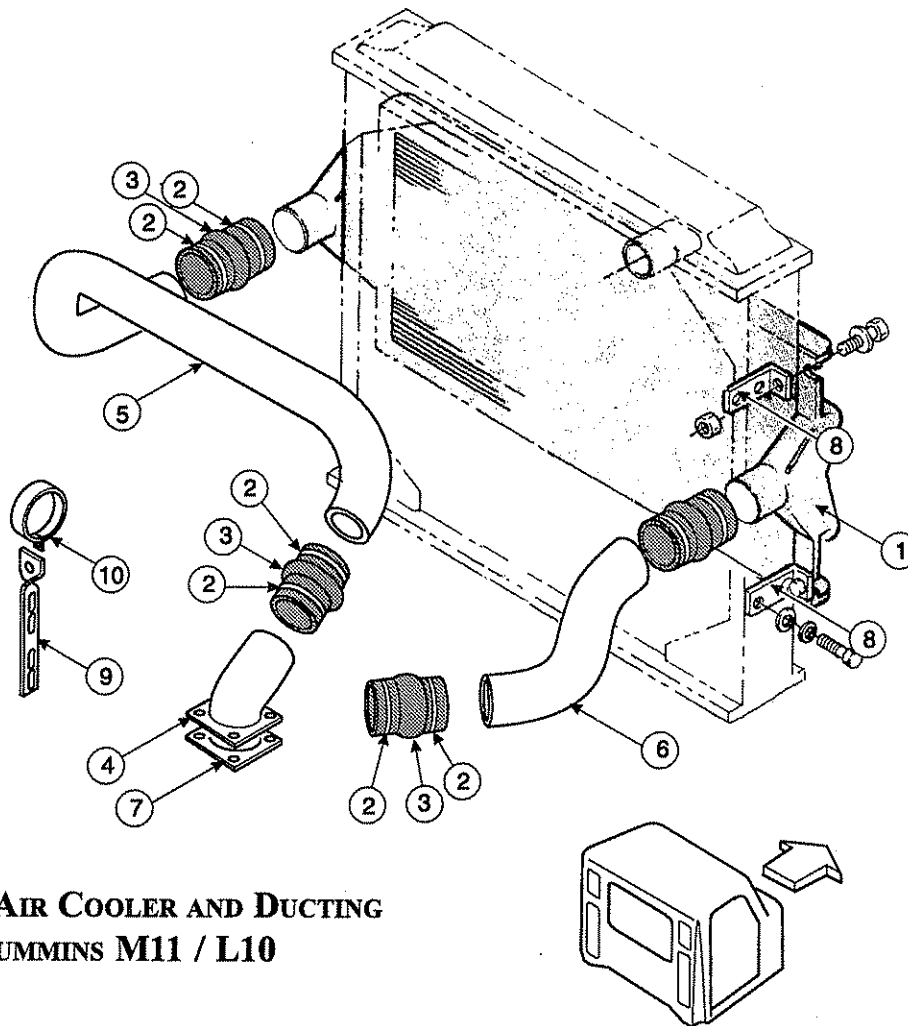


**CHARGE AIR COOLER AND DUCTING**  
**CAT 3406E**  
**1400 CFM COMPRESSOR**

*Specific BOMs listed: 3028-002-02*

### CHARGE AIR COOLER AND DUCTING - CUMMINS M11 / L10

Item	Description	Part Number	Qty
1	Charge Air Cooler	22227-3409	1
2	Clamp, T Bolt HD, 4.06 - 4.3	20427-3431	8
3	Hump Hose with Reinforcing Rings	22315-3423	4
4	Adaptor, Manifold	22303-3465	1
5	Tube, CAC LHS	22303-3496	1
6	Tube, CAC RHS	22303-3497	1
7	Gasket, Intake Manifold	22319-3405	1
8	Bracket, CAC Support	22228-3412	4

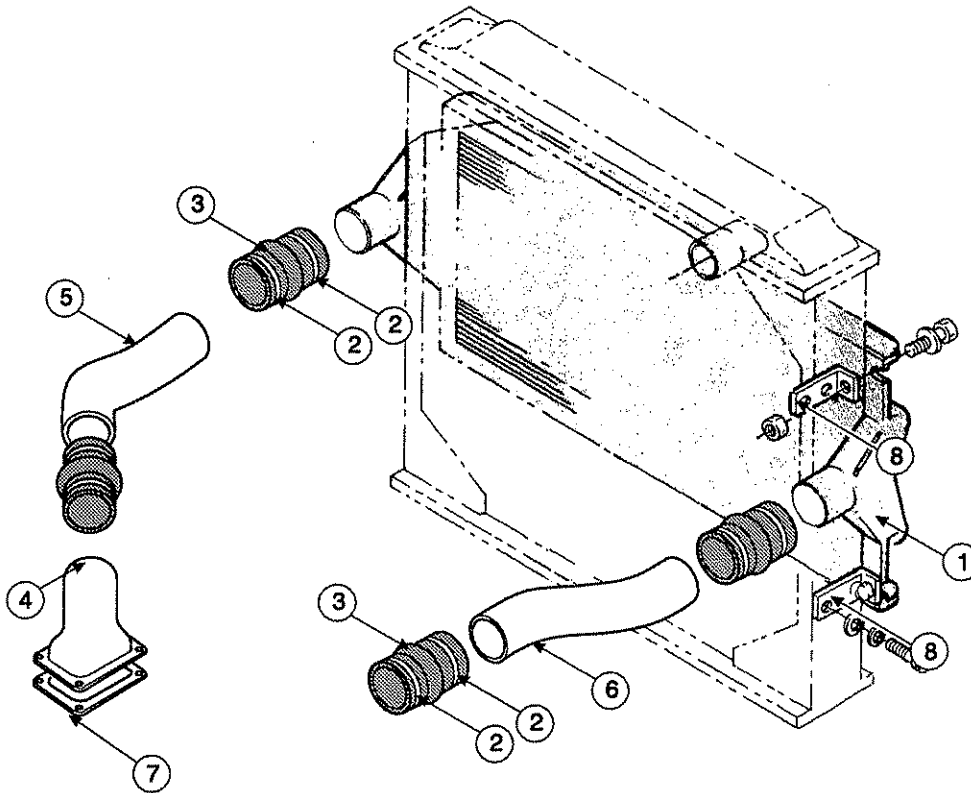


**CHARGE AIR COOLER AND DUCTING  
CUMMINS M11 / L10**

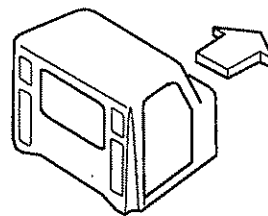
*Specific BOMs listed:*    3028-002-06

**CHARGE AIR COOLER AND DUCTING - CUMMINS N14**

Item	Description	Part Number	Qty
1	Charge Air Cooler	22227-3409	1
2	Clamp, T Bolt HD, 4.06 - 4.3	20427-3431	8
3	Hump Hose with Reinforcing Rings	22315-3423	4
4	Adaptor, Manifold	22303-3404	1
5	Tube, CAC LHS	22303-3493	1
6	Tube, CAC RHS	22303-3494	1
7	<i>Not Required</i>		
8	Bracket, CAC Support	22228-3412	4



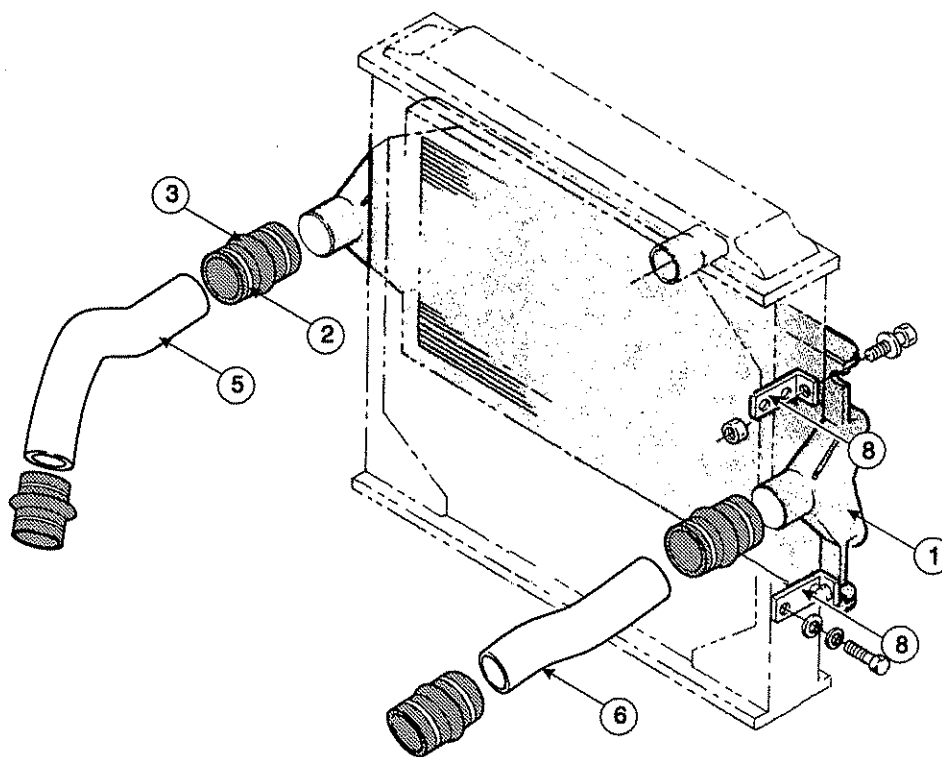
**CHARGE AIR COOLER AND DUCTING  
 CUMMINS N14**



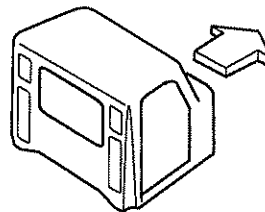
*Specific BOMs listed: 3028-002-04*

### CHARGE AIR COOLER AND DUCTING - DETROIT SERIES 60

Item	Description	Part Number	Qty
1	Charge Air Cooler	22227-3409	1
2	Clamp, T Bolt HD, 4.06 - 4.3	20427-3431	8
3	Hump Hose with Reinforcing Rings	22315-3423	4
4	<i>Part of Engine Assembly</i>		
5	Tube, CAC LHS	22303-3501	1
6	Tube, CAC RHS	22303-3502	1
7	<i>Not Required</i>		
8	Bracket, CAC Support	22228-3412	4



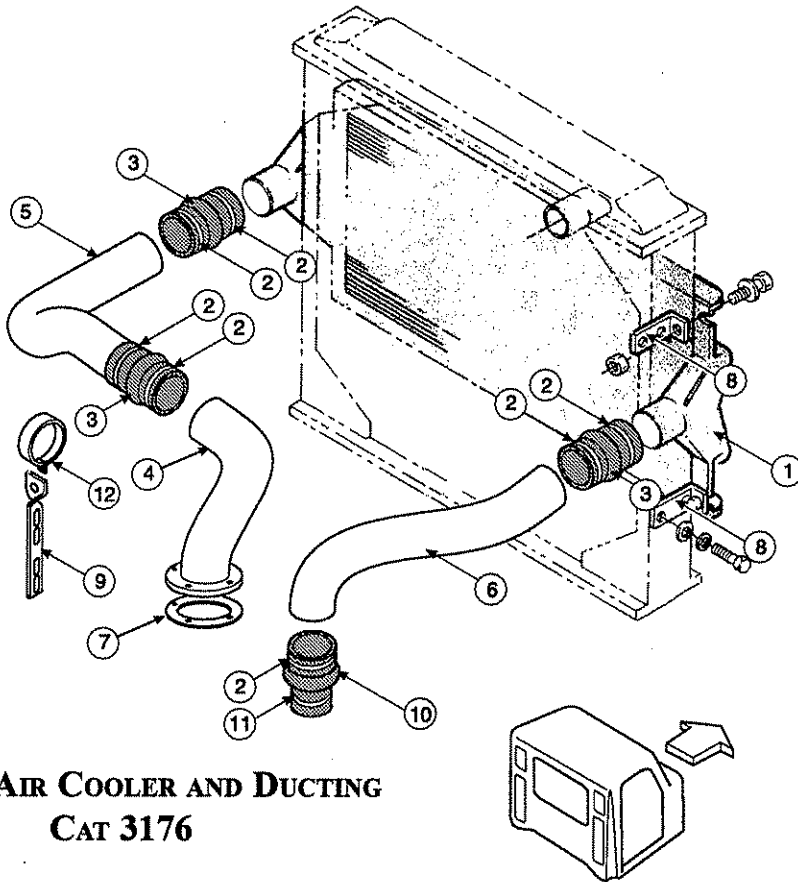
**CHARGE AIR COOLER AND DUCTING  
DETROIT SERIES 60**



*Specific BOMs listed:*    3028-02-05

**CHARGE AIR COOLER AND DUCTING - CAT 3176**

Item	Description	Part Number	Qty
1	Charge Air Cooler	22227-3409	1
2	Clamp, T Bolt HD, 4.06 - 4.3	20427-3431	7
3	Hump Hose with Reinforcing Rings	22315-3423	3
4	Tube, CAC, Adaptor	22301-3569	1
5	Tube, CAC 3176 LHS	22303-3498	1
6	Tube, CAC 3176 RHS	22303-3499	1
7	Gasket, Intake Manifold, 3176	22319-3403	1
8	Bracket, CAC Support	22228-3412	4
9	Bracket, Manifold (LH Tube)	04-9040707	1
10	Hose, 3 - 4" Adapter, with Reinforcing	22315-3424	1
11	Clamp, Constant Torque, 2.75 - 3	20427-3431	1
12	Clamp, 4" Spring Bolt	22302-3403	1



**CHARGE AIR COOLER AND DUCTING**  
**CAT 3176**

*Specific BOMs listed: 3028-002-08*

**TABLE OF CONTENTS**

	<b>Section</b>	<b>Page</b>
<b>B System Exhaust .....</b>	<b>1.7.1 .....</b>	<b>21</b>

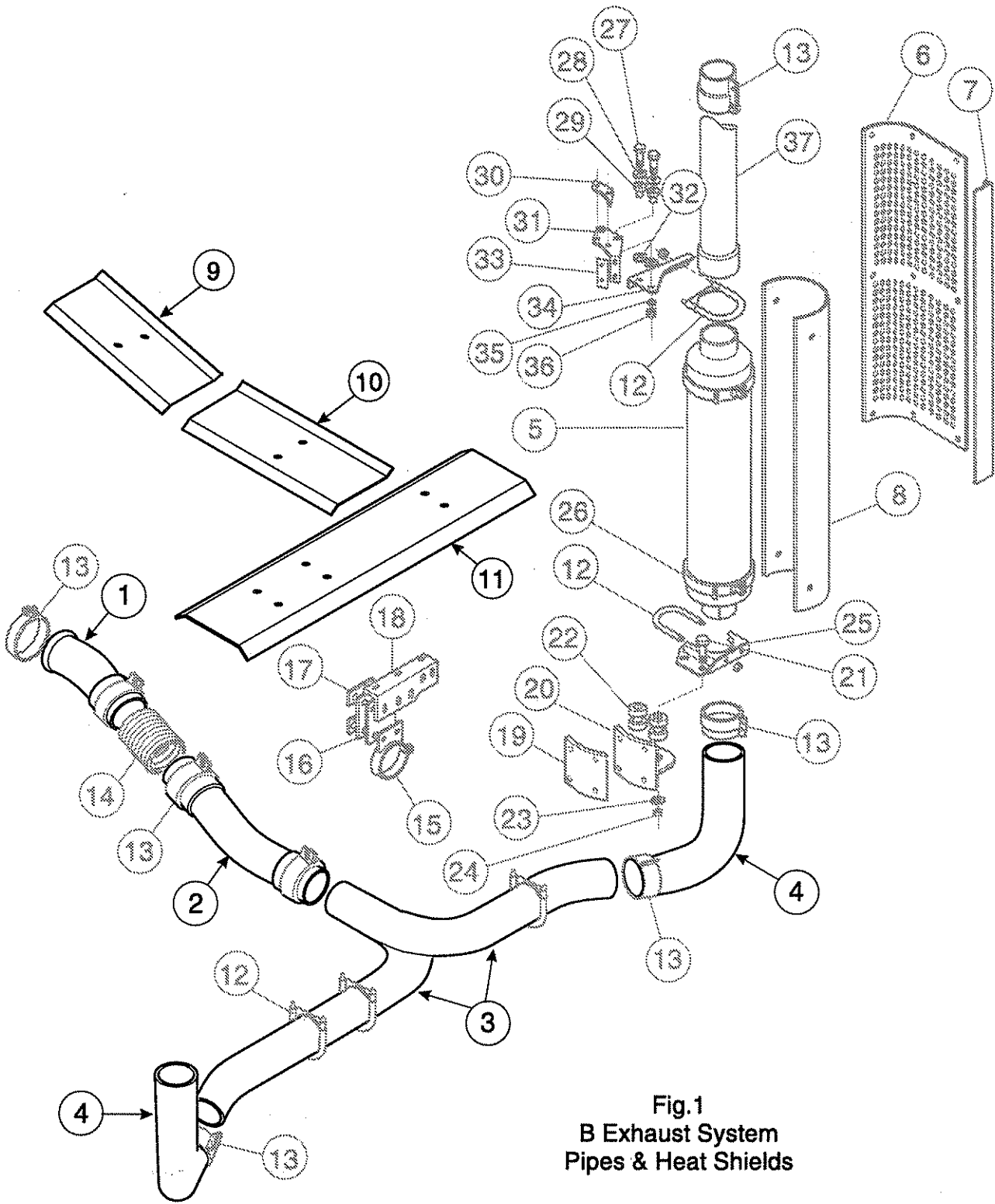


Fig.1  
 B Exhaust System  
 Pipes & Heat Shields

**TABLE 1A - See Fig. 1  
TURBO PIPES - CAT ENGINES - B SYSTEM EXHAUST**

BOM	Item # 1	Item # 2	Engine	Truck Model
	Upper Turbo Pipe	Lower Turbo Pipe		
3109-001-01	23530-3505	N/A	CAT 3176	48/58
3109-001-02	23530-3489	23530-3493	CAT 3176	49/59
3109-002-08	23530-3597	23530-3599	CAT 3306	48FX/59SS
3109-002-09	23531-3433	23531-3434	CAT 3306	49FX, 49SX, 59SS
3109-003-02	23530-3485	23530-3479	CAT 3406C	49FX, 49SX, 59SS
3109-003-03	23530-3485	23530-3561	CAT 3406C	49EX
3109-004-01	23530-3503	23530-3584	CAT 3406E	48FX, 58SS
3109-004-02	23530-3478	23530-3479	CAT 3406E	49FX, 49SX, 59SS
3109-004-03	23530-3478	23530-3561	CAT 3406E	49EX
3109-004-08	23530-3478	23530-3580	CAT 3406E/C	49FX, 49SX, 59SS 11.5" Rails
3109-004-11	23530-3503	23531-3408	CAT 3406E/C	48FX, 58SS 11.5" Rails
3109-004-12	23530-3478	23531-3421	CAT 3406E/C	49EX 11.5" Rails
3109-004-20	23530-3478	23530-3479	CAT 3406E/C	49FX, 49SX, 59SS Composite Floor
3109-004-21	23530-3478	23530-3561	CAT 3406E/C	49EX with Composite Floor
3109-004-22	23531-3504	23531-3505	CAT 3406E/C	48FX, 58SS
3109-004-24	23530-3478	23531-3421	CAT 3406E/C	49EX with Composite Floor 11.5" Rail
3109-004-25	23530-3478	23530-3580	CAT 3406E/C	48FX, 49FX, 49SX, 59SS with Composite Floor 11.5" Rail
3109-008-10	23531-3462	23531-3460	CAT C10,C12	49FX, 49SX, 59SS
3109-008-11	23531-3463	N/A	CAT C10,C12	49EX
3109-008-14	23531-3465	N/A	CAT C10,C12	48FX, 58SS
3109-008-16	23531-3482	N/A	CAT C10,C12	48FX, 58SS 11.5" Rails
3109-008-20	23531-3462	23531-3460	CAT C10,C12	49FX, 49SX, 59SS Composite Floor
3109-008-21	23531-3462	23531-3489	CAT C10,C12	49FX, 49SX, 59SS 11.5" Rail
3109-008-22	23531-3521	23531-3460	CAT C10,C12	49EX with Composite Floor

*Specific BOMs listed: 3109-001-01/02, 3109-002-08/09, 3109-003-02/3, 3109-004-01/03, 3109-004-08, 3109-004-11/12, 3109-004-20/22, 3109-004-24/25, 3109-008-10/11, 3109-008-14, 3109-008-16, 3109-008-20/25*

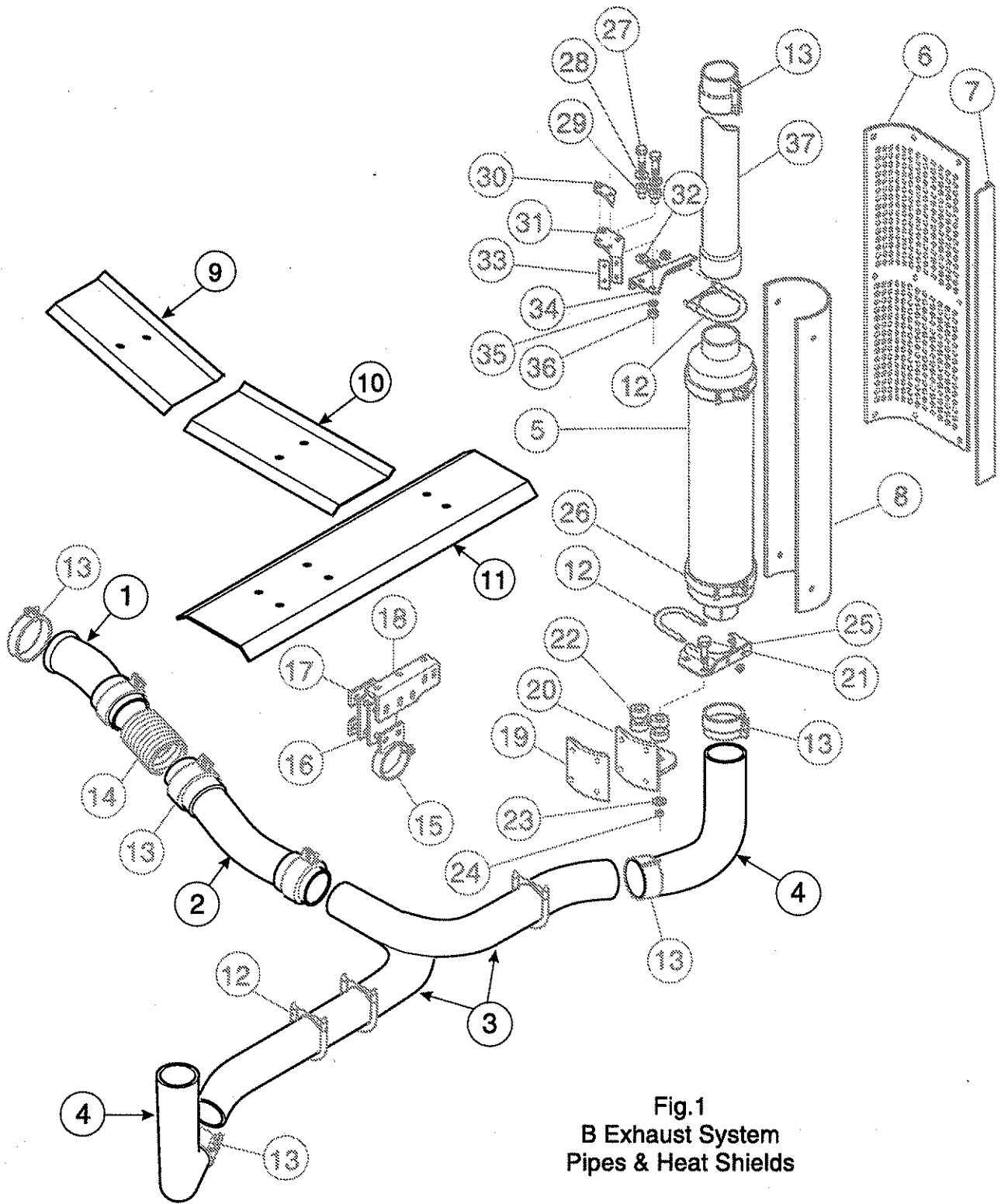


Fig.1  
 B Exhaust System  
 Pipes & Heat Shields

**TABLE 1B - See Figure 1  
TURBO PIPES - CUMMINS ENGINES - B SYSTEM EXHAUST**

BOM	Item # 1	Item # 2	Engine	Truck Model
	Upper Turbo Pipe	Lower Turbo Pipe		
3109-005-01	23530-3587	23530-3592	M11/L10	48FX, 58SS
3109-005-02	23530-3484	23530-3488	M11/L10	49FX/SX, 59SS
3109-005-09	23530-3484	23531-3456	M11/L10	49FX/SX, 59SS 11.5" Rails
3109-005-10	23530-3484	23530-3488	M11/L10	49FX/SX, 59SS Composite Floor
3109-006-01	23530-3590	23530-3591	N14E	48FX, 58SS
3109-006-02	23530-3483	23530-3486	N14E	49FX/SX, 59SS
3109-006-03	23530-3483	23530-3562	N14E	49EX
3109-006-08	23530-3483	23530-3581	N14E	49FX/SX, 59SS 11.5" Rails
3109-006-11	23530-3483	23531-3429	N14E	49EX 11.5" Rails
3109-006-12	23530-3483	N/A	N14E	48FX, 58SS 11.5" Rails
3109-006-14	23530-3483	23530-3486	N14E	49FX/SX, 59SS Composite Floor
3109-006-15	23530-3483	23530-3562	N14E	49EX Composite Floor
3109-006-16	23530-3483	23531-3429	N14E	49EX Composite Floor 11.5" Rails
3109-009-01	23530-3575	23530-3576	C8.3	49MX Catalytic Converter
3109-009-02	23531-3451	N/A	C8.3	48FX, 58SS Catalytic Converter
3109-009-03	23531-3453	23531-3452	C8.3	49MX Catalytic Converter & Extarder
3109-003-04	23531-3518	23531-3519	ISC	49MX
3109-013-00	23531-3480	23531-3481	ISX/SIG	49FX/SX, 59SS
3109-013-01	23531-3480	23531-3481	ISX/SIG	49FX/SX, 59SS Composite Floor
3109-013-02	23531-3480	23531-3510	ISX/SIG	49EX Composite Floor
3109-013-03	23531-3480	23531-3510	ISX/SIG	49EX

*Specific BOMs listed: 3109-005-01/02, 3109-005-09/10, 3109-006-01/03, 3109-006-11/12, 3109-006-14/16, 3109-009-01/03, 3109-003-04, 3109-013-00/03*

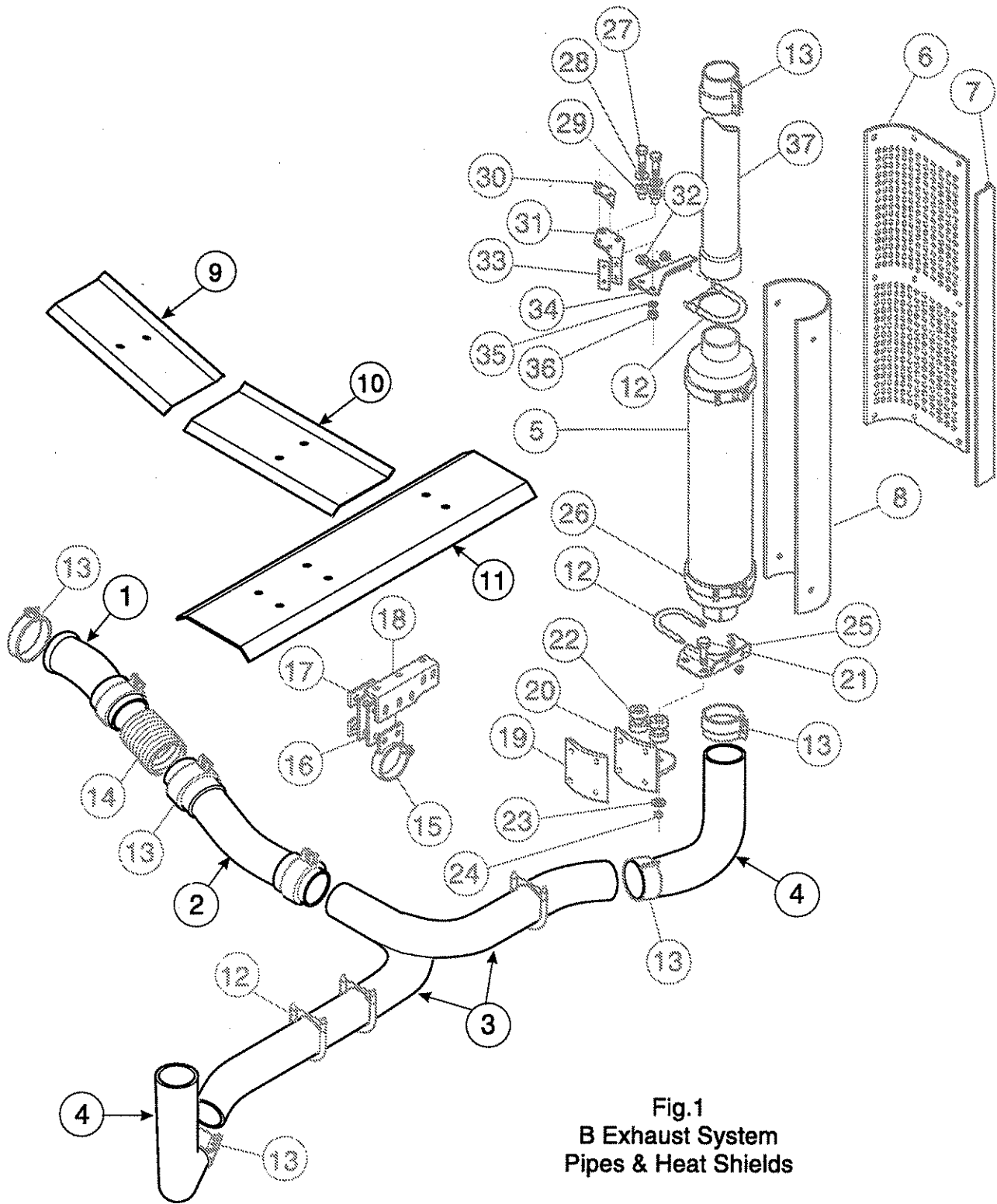


Fig.1  
 B Exhaust System  
 Pipes & Heat Shields

**TABLE 1C - See Figure 1  
TURBO PIPES - DETROIT DIESEL ENGINES - B SYSTEM EXHAUST**

BOM	Item # 1	Item # 2	Engine	Truck Model
	Upper Turbo Pipe	Lower Turbo Pipe		
3109-007-01	23530-3588	23530-3589	Pre 98 Series 60	48FX, 58SS
3109-007-02	23530-3483	23530-3487	Pre 98 Series 60	49FX/SX, 59SS
3109-007-03	23530-3483	23530-3563	Pre 98 Series 60	49EX
3109-007-08	23530-3483	23530-3582	Pre 98 Series 60	49FX/SX, 59SS 11.5" Rails
3109-007-10	23530-3483	23531-3448	Pre 98 Series 60	49EX 11.5" Rails
3109-007-12	23531-3469	23531-3470	1998 Series 60	48FX, 58SS
3109-007-13	23531-3471	23531-3472	1998 Series 60	49FX/SX, 59SS
3109-007-14	23531-3471	23531-3473	1998 Series 60	49EX
3109-007-16	23531-3471	23531-3474	1998 Series 60	49FX/SX, 59SS 11.5" Rails
3109-007-17	23531-3471	23531-3475	1998 Series 60	49EX 11.5" Rails
3109-007-20	23530-3483	23530-3487	Pre 98 Series 60	49FX/SX, 59SS Composite Floor
3109-007-22	23531-3471	23531-3473	1998 Series 60	49EX Composite Floor
3109-007-23	23531-3503	23529-3587	1998 Series 60	48FX, 58SS 11.5" Rails
3109-007-24	23531-3471	23531-3472	1998 Series 60	49FX/SX, 59SS Composite Floor
3109-007-28	23531-3471	23531-3474	1998 Series 60	49FX/SX, 59SS Composite Floor 11.5" Rails
3109-007-29	23531-3471	213531-3475	1998 Series 60	49EX Composite Floor 11.5" Rails

**Specific BOMs listed:** 3109-007-01/03, 3109-007-08, 3109-007-10, 3109-007-12/14,  
3109-007-16/17, 3109-007-20, 3109-007-22/24, 3109-00-28/29

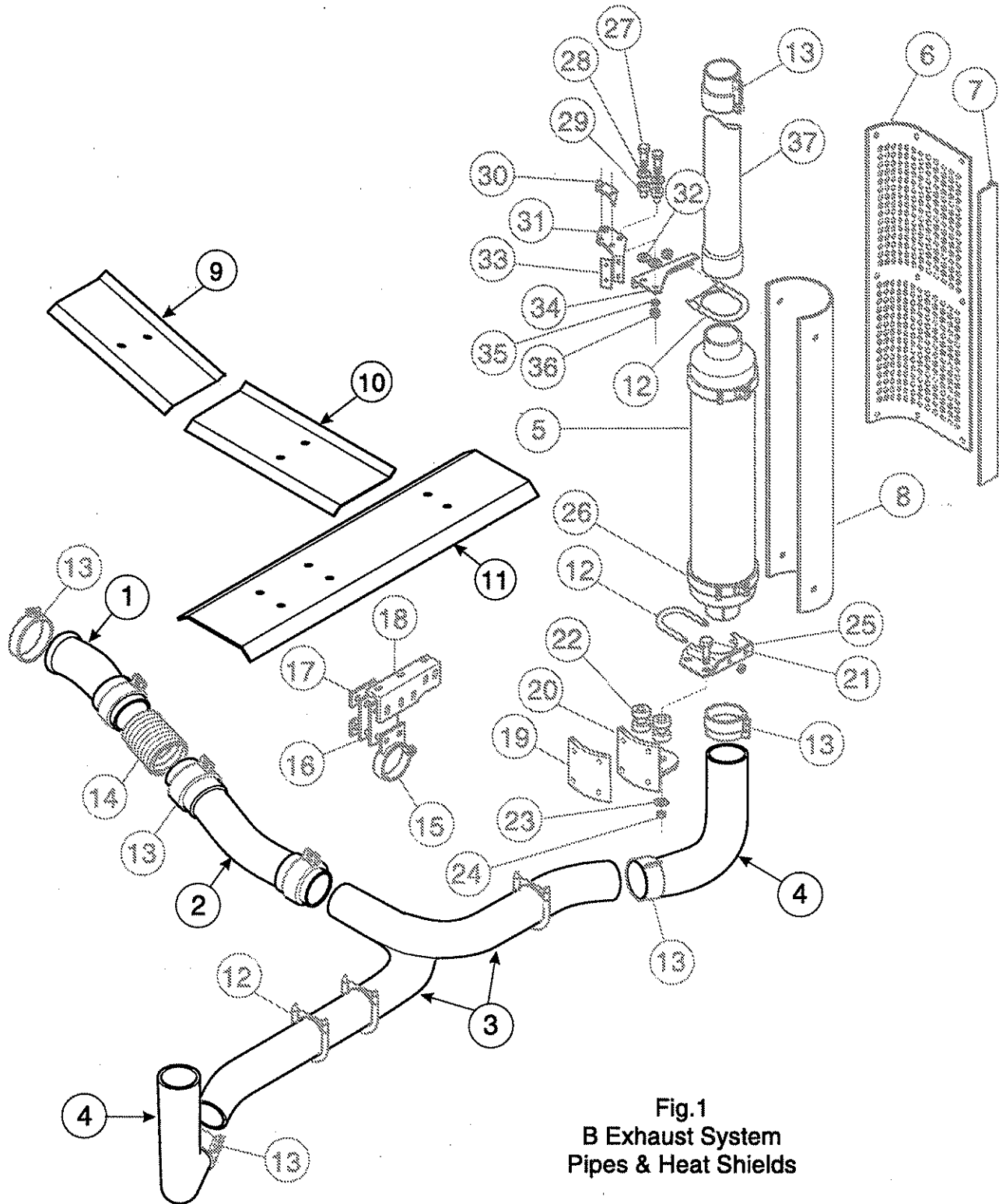


Fig.1  
 B Exhaust System  
 Pipes & Heat Shields

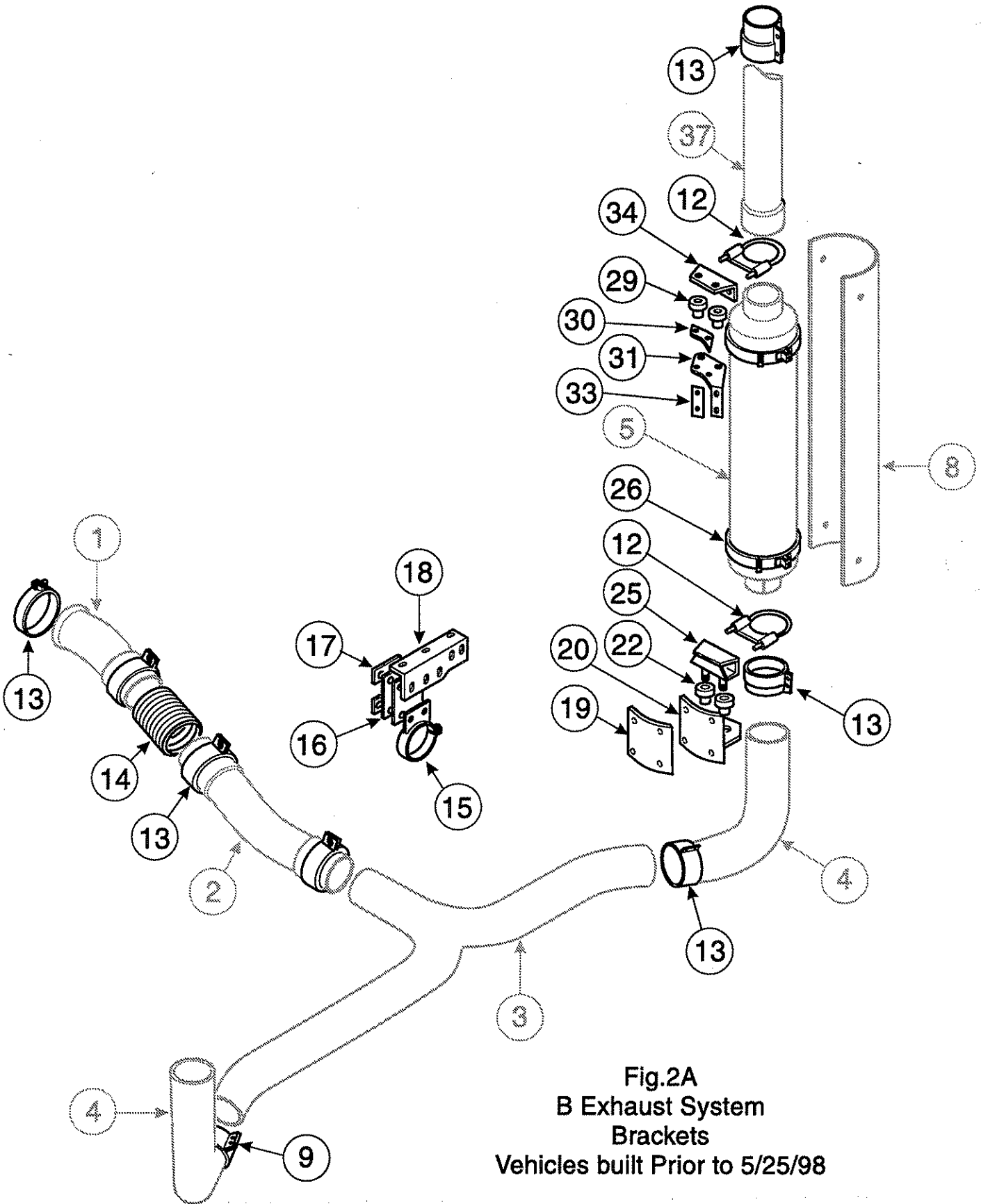
**TABLE 1D - See Figure 1  
EXHAUST PIPES - B SYSTEM**

BOM	ITEM #3	ITEM #4	SINGLE/DUAL	FINISH
	REAR PIPE	BOC PIPE(S)		
3108-001-01	23529-3541	23529B3540	Single Exhaust	Painted
3108-001-02	23529-3541	23529C3540	Single Exhaust	Chrome
3108-001-03	23529-3542	23529B3540(QTY.2)	Dual Exhaust	Painted
3108-001-04	23529-3542	23529C3540(QTY.2)	Dual Exhaust	Chrome
3108-001-05	23529-3564	23529B3563	Single 4" Pipes	Painted
3108-001-06	23529-3541	23529B3569	Single Exhaust	Painted
3108-001-07	23529-3541	23529C3569	Single Exhaust	Chrome
3108-001-08	23529-3542	23529B3569(QTY.2)	Dual Exhaust	Painted
3108-001-09	23529-3542	23529C3569(QTY.2)	Dual Exhaust	Chrome
3108-001-11	23529-3579	23529B3563	Single 4" Pipes	Painted
3108-001-12	23529-3579	23529C3563	Single 4" Pipes	Chrome
3108-001-13	23529-3584	23529C3569	Single Exhaust	Chrome
3108-001-16	23529-3587	23529C3540	Single Exhaust	Chrome
3108-001-18	23531-3520	23529C3540	Single Exhaust	Chrome
3108-001-19	23529-3584	23529B3540	Single Exhaust	Painted

**TABLE 1E - See Figure 1**

<b>BOM</b> 3109-014-00	<b>Heat Shield, Composite Sleeper, Dual B System</b>	
<b>Item #</b>	<b>Part Number</b>	<b>Description</b>
9	23102-3447	Heat Shield, Upper Turbo Pipe
10	23102-3445	Heat Shield, Lower Turbo Pipe
11	23102-3446	Heat Shield, Wye Pipe
<b>BOM</b> 3109-014-01	<b>Heat Shield, Composite Sleeper, Single B System, RHS</b>	
<b>Item #</b>	<b>Part Number</b>	<b>Description</b>
9	23102-3447	Heat Shield, Upper Turbo Pipe
10	23102-3445	Heat Shield, Lower Turbo Pipe
11	23102-3448	Heat Shield, Rear Pipe
<b>BOM</b> 3109-014-02	<b>Heat Shield, Composite Sleeper, Single B System, LHS</b>	
<b>Item #</b>	<b>Part Number</b>	<b>Description</b>
9	23102-3447	Heat Shield, Upper Turbo Pipe
10	23102-3445	Heat Shield, Lower Turbo Pipe
11	23102-3449	Heat Shield, Rear Pipe

*Specific BOMs listed: 3108-001-01/19, 3109-014-00/02*



**Fig.2A**  
**B Exhaust System**  
**Brackets**  
 Vehicles built Prior to 5/25/98

**TABLE 2A - See Figure 2A**  
**SUPPORT BRACKETS, B SYSTEM EXHAUST**

<b>BOM</b> <b>3108-003-01</b> <b>3108-003-02</b> <b>5" Exhaust</b>		
<b>Item</b>	<b>Part Number</b>	<b>Description</b>
12	519060	U-Clamp Assembly
13	9045723	Seal Clamp
14	23518-3401-012	Flex Pipe
15	23504-3418	Exhaust Support Clamp
16	23603-3462	Strap
17	23504-3423	Clamp Plate
18	23513-3574	Turbo Pipe Hanger Bracket
19	23622-3415	Isolator, Lower Exhaust Bracket
20	23605-3411	Lower Exhaust Bracket
22	636353	Lower Isolator, Exhaust Bracket
25	23603-3483	Bracket, B Exhaust Clamp, Lower
26	23103-3411	Clamp, Round Muffler shield
26	23103-3412	Clamp, Swept Back Muffler Shield, Composite Sleeper
26	23103-3406	Clamp, Swept Back Muffler Shield, Alum or Steel Sleeper
29	23622-3414	Isolator, Exhaust Bracket, Upper
30	23622-3417	Isolator, Exhaust Bracket, Upper
31	23605-3409	Bracket, B Exhaust, Upper Cab, RH
31	23605-3410	Bracket, B Exhaust, Upper Cab, LH
33	23622-3416	Isolator, Upper Exhaust Bracket
34	23603-3482	Support, Exhaust, Upper Muffler

*Note: Vehicles built Prior to 5/25/1998 only*  
*See T.S.B. 236 98WS001*

**Specific BOMs listed: 3108-003-01/02**

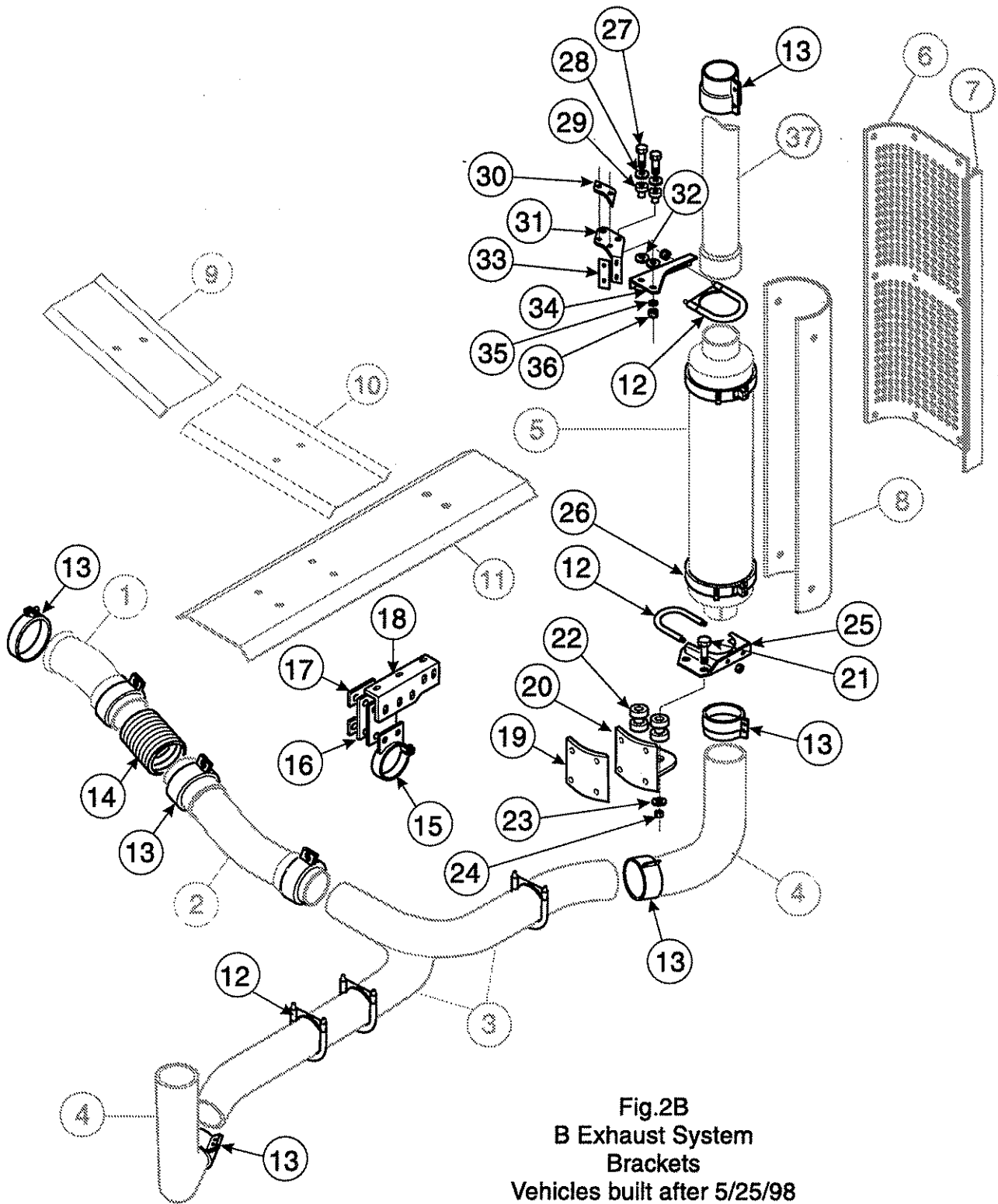


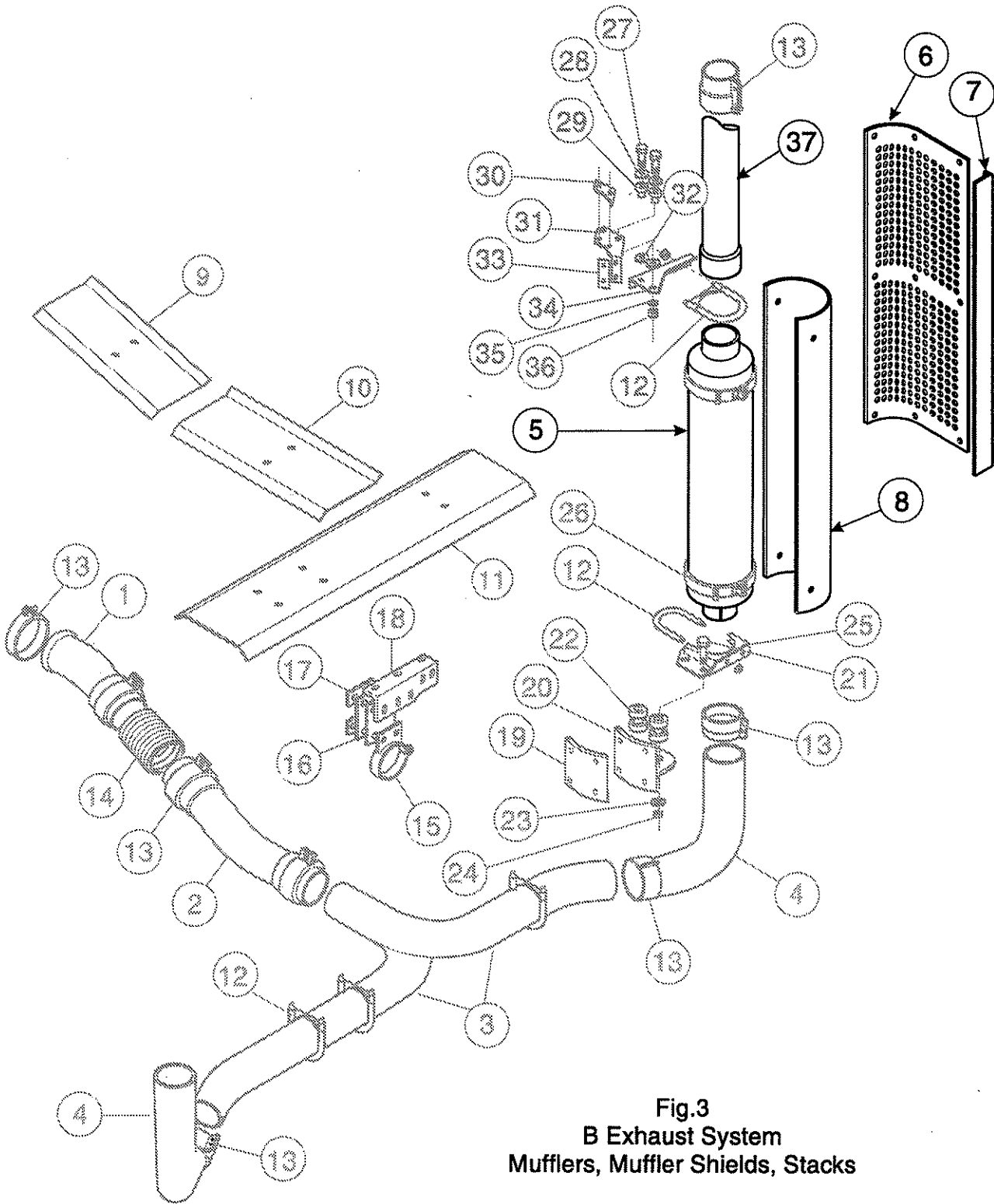
Fig.2B  
 B Exhaust System  
 Brackets  
 Vehicles built after 5/25/98

**TABLE 2B - See Figure 2B  
SUPPORT BRACKETS, B SYSTEM EXHAUST**

Item #	BOM 3108-003-01 3108-003-02 5" Exhaust Part Number	BOM 3108-003-03 3108-003-06 4" Exhaust Part Number	Description
12	519060	669724	U-Clamp Assembly
13	9045723	9045722	Seal Clamp
14	23518-3401-012	23518-3402-012	Flex Pipe
15	23504-3418	23504-3422	Exhaust Support Clamp
16	23603-3462	23603-3473	Strap
17	23504-3423	23504-3423	Clamp Plate
18	23513-3574	23513-3574	Turbo Pipe Hanger Bracket
19	23622-3415	23622-3415	Isolator, Lower Exhaust Bracket
20	23605-3424	23605-3411	Lower Exhaust Bracket
21	181649	181649	Bolt, Hex 52NC, .38-24x2.25
22	23622-3419	636353	Lower Isolator, Exhaust Bracket
23	23622-3420	23622-3420	Washer, Exhaust Isolator
24	656312	656312	Nut, Elastic Stop CAD, .38-24
25	23603-3497	23603-3491	Bracket, B Exhaust Clamp, Lower
26	23103-3411	23103-3411	Clamp, Round Muffler shield
26	23103-3412	23103-3412	Clamp, Swept Back Muffler Shield, Composite Sleeper
26	23103-3406	23103-3406	Clamp, Swept Back Muffler Shield, Alum or Steel Sleeper
27	4001-3425	4001-3425	Bolt, Hex, SS .38-16x2.0
28	4002-3408	4002-3408	Washer, SST 1.25x.41x.078
29	23622-3414	23622-3414	Isolator, Exhaust Bracket, Upper
30	23622-3417	23622-3417	Isolator, Exhaust Bracket, Upper
31	23605-3409	23605-3409	Bracket, B Exhaust, Upper Cab, RH
31	23605-3410	23605-3410	Bracket, B Exhaust, Upper Cab, LH
32	4002-3402	4002-3408	Flat Washer, SS .38 Std.
33	23622-3416	23622-3416	Isolator, Upper Exhaust Bracket
34	23605-3417	23605-3417	Support, Exhaust, Upper Muffler
35	4002-3402	4002-3402	Flat Washer, SS .38 Std.
36	4003-3402	4003-3402	Locknut, SS Nylock, .38-16

*Note: Vehicles built After 5/25/1998 only*

**Specific BOMs listed: 3108-003-01/02, 3108-003-03, 3108-003-06**

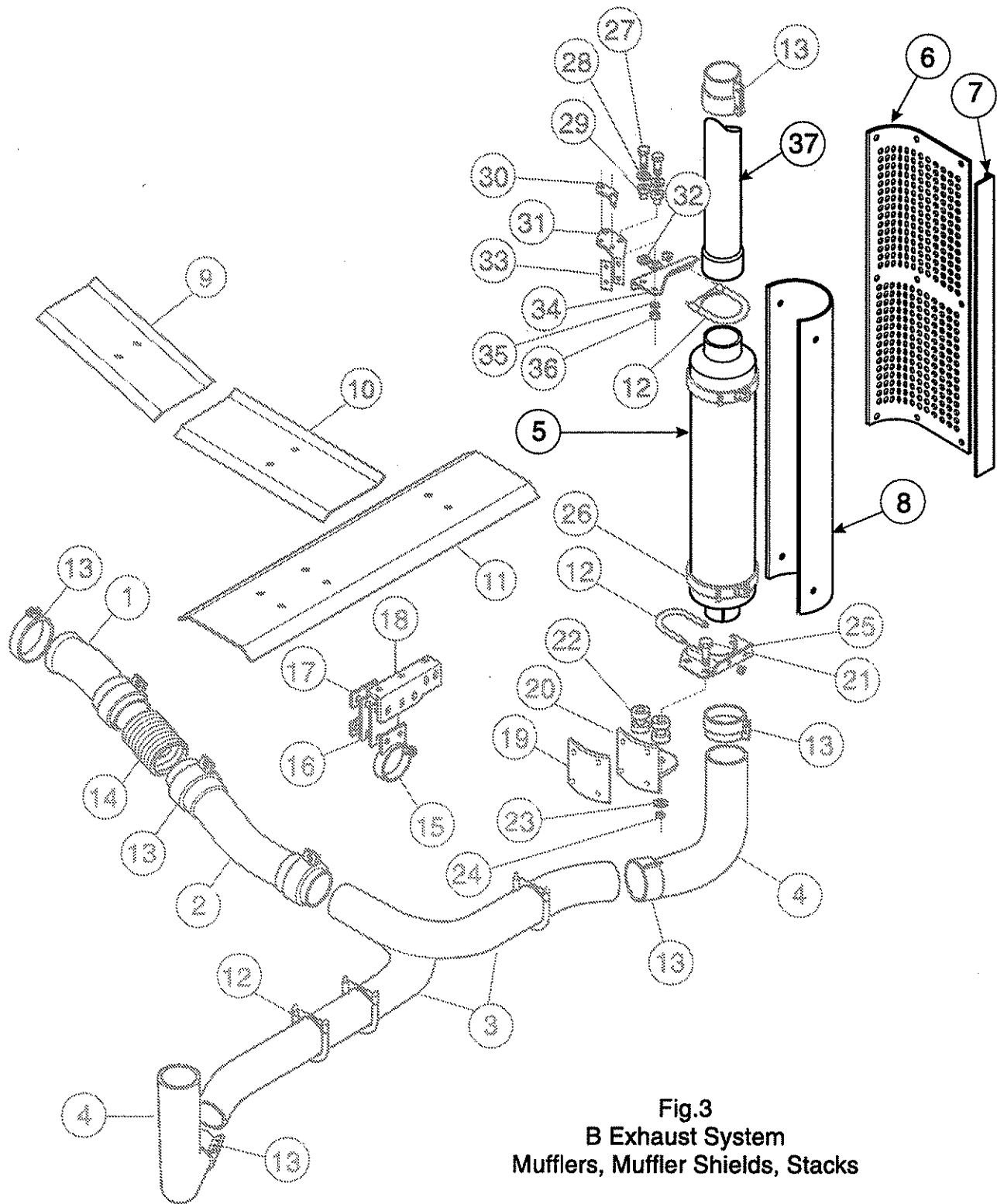


**Fig.3**  
**B Exhaust System**  
**Mufflers, Muffler Shields, Stacks**

**TABLE 3A - See Figure 3  
MUFFLERS - B SYSTEM EXHAUST**

<b>BOM</b>	<b>ITEM # 5 MUFFLER</b>	<b>Exhaust Configuration</b>	<b>Engine Restrictions</b>	<b>Other Restrictions</b>
3108-007-01	23001-3458	Single Exhaust	CAT 435, CUM 460, DDC 430	
3108-007-03	23001-3457	Dual Exhaust	CAT 550, CUM 525, DDC 500	
3108-007-04	23001-3462	Single Exhaust	CUM C8.3	Catalytic Converter
3108-007-06	23001-3463	Single Exhaust	CAT 550 CUM 550 DDC 550	
3108-007-07	23001-3458	Dual Exhaust	CAT 575-600 CUM SIG 600	
3108-007-08	23001-3465	Single Exhaust	CAT 435 CUM 460 DDC 430	Composite Sleeper
3108-007-09	23001-3464	Dual Exhaust	CAT 550 CUM 525 DDC 500	Composite Sleeper
3108-007-10	23001-3465	Dual Exhaust	CAT 575-600 CUM SIG 600	Composite Sleeper

**Specific BOMs listed:** 3108-007-01, 3108-007-03/04, 3108-007-6/10

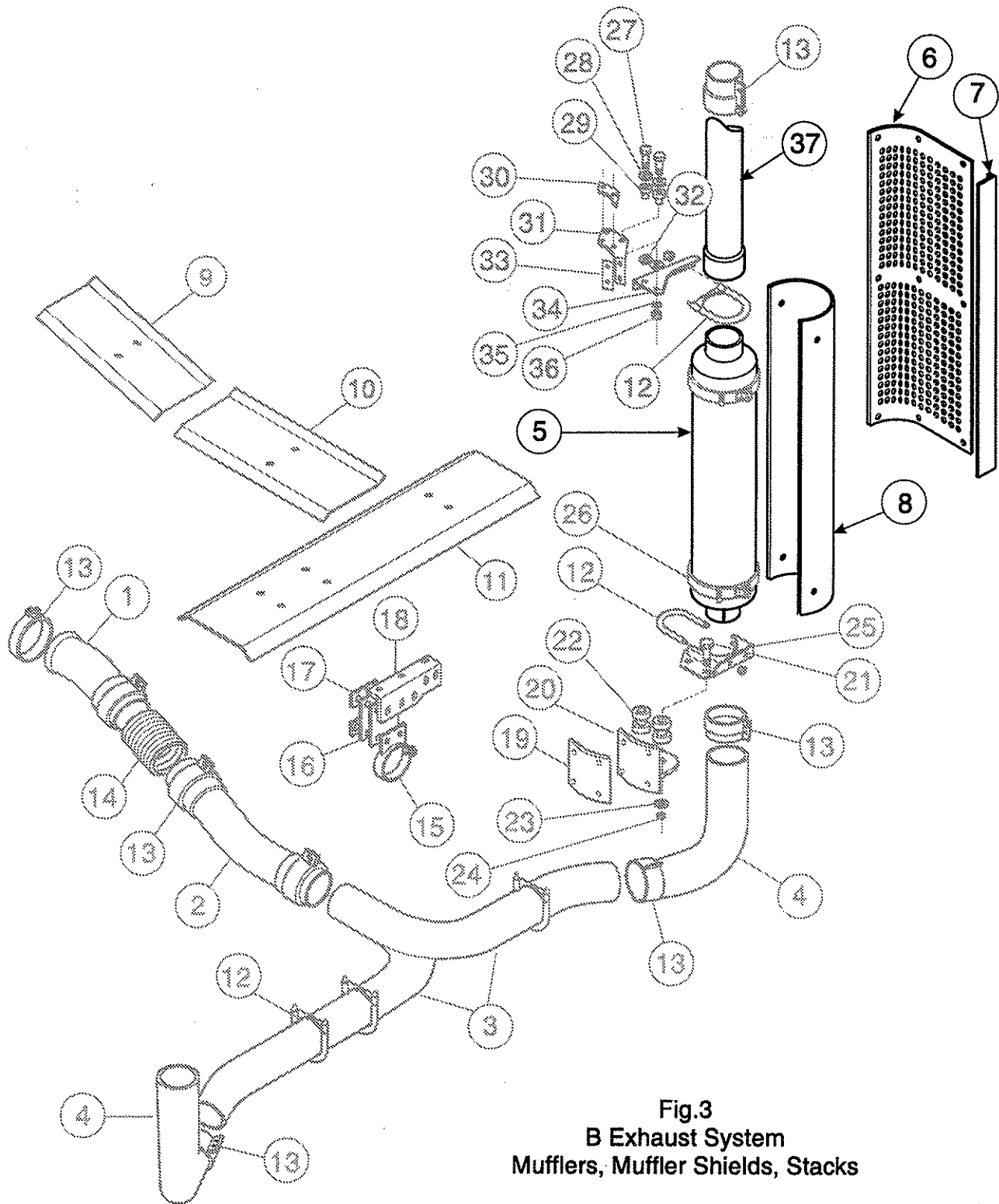


**Fig.3**  
**B Exhaust System**  
**Mufflers, Muffer Shields, Stacks**

**TABLE 3B - See Figure 3  
MUFFLER SHIELDS - B SYSTEM EXHAUST**

BOM	ITEM #	MUFFLER SHIELD	DESCRIPTION	SLEEPER MODEL	LH/RH EXHAUST
3108-030-08	6	23101-3444	Solid Steel Swept Back Style Reinforcement	Alum/Steel	RH
	7	23101-3447			
3108-030-09	6	23101-3443	Solid Steel Swept Back Style Reinforcement	Alum/Steel	LH
	7	23101-3447			
3108-030-10	6	23101-3446	Perforated Steel Swept Back Style Reinforcement	Alum/Steel	RH
	7	23101-3447			
3108-030-11	6	23101-3445	Perforated Steel Swept Back Style Reinforcement	Alum/Steel	LH
	7	23101-3447			
3108-030-14	8	23101-3439	Solid Steel Round Style	Alum	LH/RH
3108-030-15	8	23101-3424	Perforated Steel Round Style	Alum	LH/RH
3108-030-16	8	23101-3458	Perforated Aluminum Round Style	Alum	LH/RH
3108-030-27	6	23101-3473	Perforated Steel Swept Back Style Dense Hole Pattern Reinforcement	Composite	RH
	7	23101-3474			
3108-030-28	6	23101-3472	Perforated Steel Swept Back Style Dense Hole Pattern Reinforcement	Composite	LH
	7	23101-3474			

**Specific BOMs listed: 3108-030-08/11, 3108-030-14/16, 3108-030-27/28**

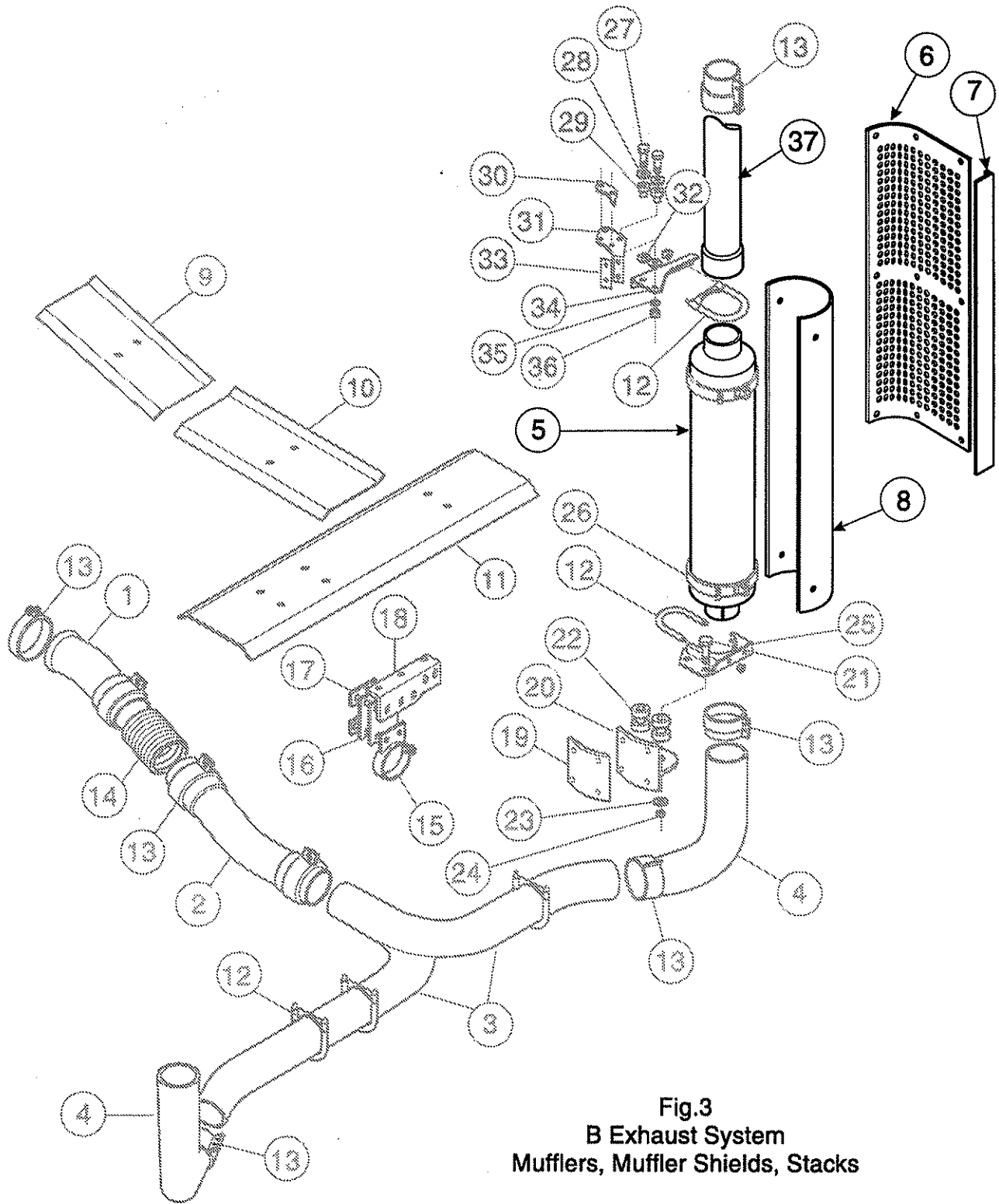


**Fig.3**  
**B Exhaust System**  
**Mufflers, Muffler Shields, Stacks**

**TABLE 3C - See Figure 3**

ITEM # 37 STRAIGHT EXHAUST STACKS				
Exhaust Height	BOM	P/N Painted	P/N Chrome	Style
10'-0"	3108-014-01	23527B3508-015	N/A	Straight
10'-0"	3108-014-02	N/A	23527C3508-015	Straight
10'-6"	3108-017-01	23527B3508-021	N/A	Straight
10'-6"	3108-017-02	N/A	23527C3508-021	Straight
11'-0"	3108-016-01	23527B3508-027	N/A	Straight
11'-0"	3108-016-02	N/A	23527C3508-027	Straight
11'-6"	3108-015-01	23527B3508-033	N/A	Straight
11'-6"	3108-015-02	N/A	23527C3508-033	Straight
12'-0"	3108-012-04	23527B3508-039	N/A	Straight
12'-0"	3108-012-05	N/A	23527C3508-039	Straight
12'-6"	3108-008-01	23527B3508-045	N/A	Straight
12'-6"	3108-008-03	N/A	23527C3508-045	Straight
13'-0"	3108-013-04	23527B3508-051	N/A	Straight
13'-0"	3108-013-05	N/A	23527C3508-051	Straight
13'-4"	3108-011-05	23527B3508-055	N/A	Straight
13'-4"	3108-011-06	N/A	23527C3508-055	Straight
ITEM # 37 STRAIGHT EXHAUST STACKS WITH 45° CUT				
Exhaust Height	BOM	P/N Painted	P/N Chrome	Style
11'-6"	3108-015-10	N/A	23529C3481-034	Straight 45° cut
12'-0"	3108-012-10	N/A	23529C3481-040	Straight 45° cut
12'-6"	3108-008-14	N/A	23529C3481-046	Straight 45° cut
13'-0"	3108-013-10	N/A	23529C3481-051	Straight 45° cut
13'-4"	3108-011-10	N/A	23529C3481-056	Straight 45° cut
ITEM # 37 SUPER STACK EXHAUST STACKS (Mandatory with Single Exhaust, Detroit Diesel Engines)				
Exhaust Height	BOM	P/N Painted	P/N Chrome	Style
12'-6"	3108-008-02	23202P3465-046	N/A	Superstack Straight
12'-6"	3108-008-04	N/A	23202C3465-046	Superstack Straight
12'-6"	3108-008-06	N/A	23202C3463-046	Superstack Curved
13'-0"	3108-013-11	N/A	23202C3464-053	Superstack Curved, 30° cut

**Specific BOMs listed:** 3108-008-01/04, 3108-008-06, 3108-008-14, 3108-011-05/06, 3108-011-10, 3108-012-04/05, 3108-012-10, 3108-013-10/11, 3108-013-04/05, 3108-014-01/02, 3108-015-01/02, 3108-015-10, 3108-016-01/02, 3108-017-01/02,

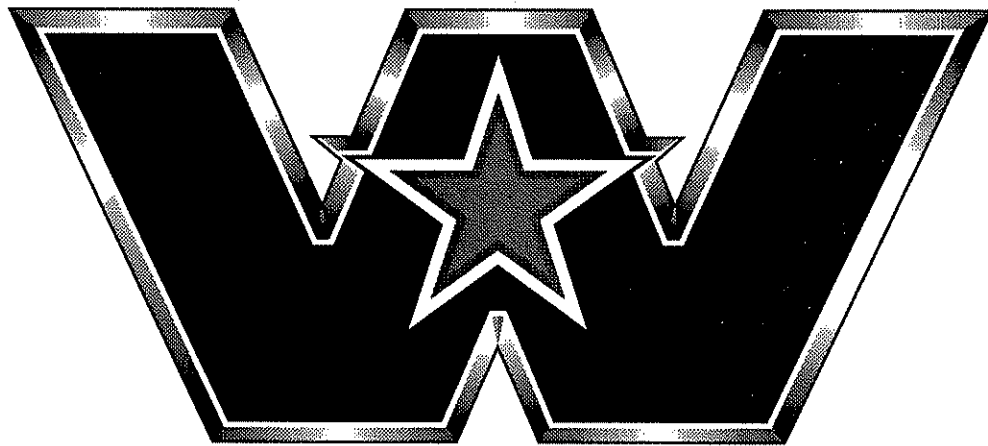


**Fig.3**  
**B Exhaust System**  
**Mufflers, Muffler Shields, Stacks**

**TABLE 3C Continued - See Figure 3**

ITEM # 37 CURVED EXHAUST STACKS			
Exhaust Height	BOM	P/N Chrome	Style
10'-0"	3108-014-03	23202C3453-015	Curved
10'-6"	3108-017-03	23202C3453-021	Curved
11'-0"	3108-016-03	23202C3453-027	Curved
11'-6"	3108-015-03	23202C3453-033	Curved
12'-0"	3108-012-06	23202C3453-039	Curved
12'-6"	3108-008-05	23202C3453-045	Curved
13'-0"	3108-013-06	23202C3453-051	Curved
13'-4"	3108-011-07	23202C3453-055	Curved
ITEM # 37 CURVED EXHAUST STACKS WITH 30° CUT			
Exhaust Height	BOM	P/N Chrome	Style
10'-0"	3108-014-07	23202C3461-016	Curved, 30 ° cut
10'-6"	3108-017-07	23202C3461-022	Curved, 30 ° cut
11'-0"	3108-016-07	23202C3461-028	Curved, 30 ° cut
11'-6"	3108-015-08	23202C3461-034	Curved, 30 ° cut
12'-0"	3108-012-08	23202C3461-040	Curved, 30 ° cut
12'-6"	3108-008-12	23202C3461-046	Curved, 30 ° cut
13'-0"	3108-013-08	23202C3461-050	Curved, 30 ° cut
13'-4"	3108-011-08	23202C3461-055	Curved, 30 ° cut
13'-6"	3108-038-00	23202C3461-057	Curved, 30 ° cut

*Specific BOMs listed:*    **3108-008-05, 3108-011-07/08, 3108-012-06, 3108-012-08, , 3108-013-06, 3108-013-08, 3108-014-03, 3108-014-07, 3108-015-03, 3108-015-08, 3108-016-03, 33108-016-07, 3108-017-03, 3108-017-07, 3108-038-00,**

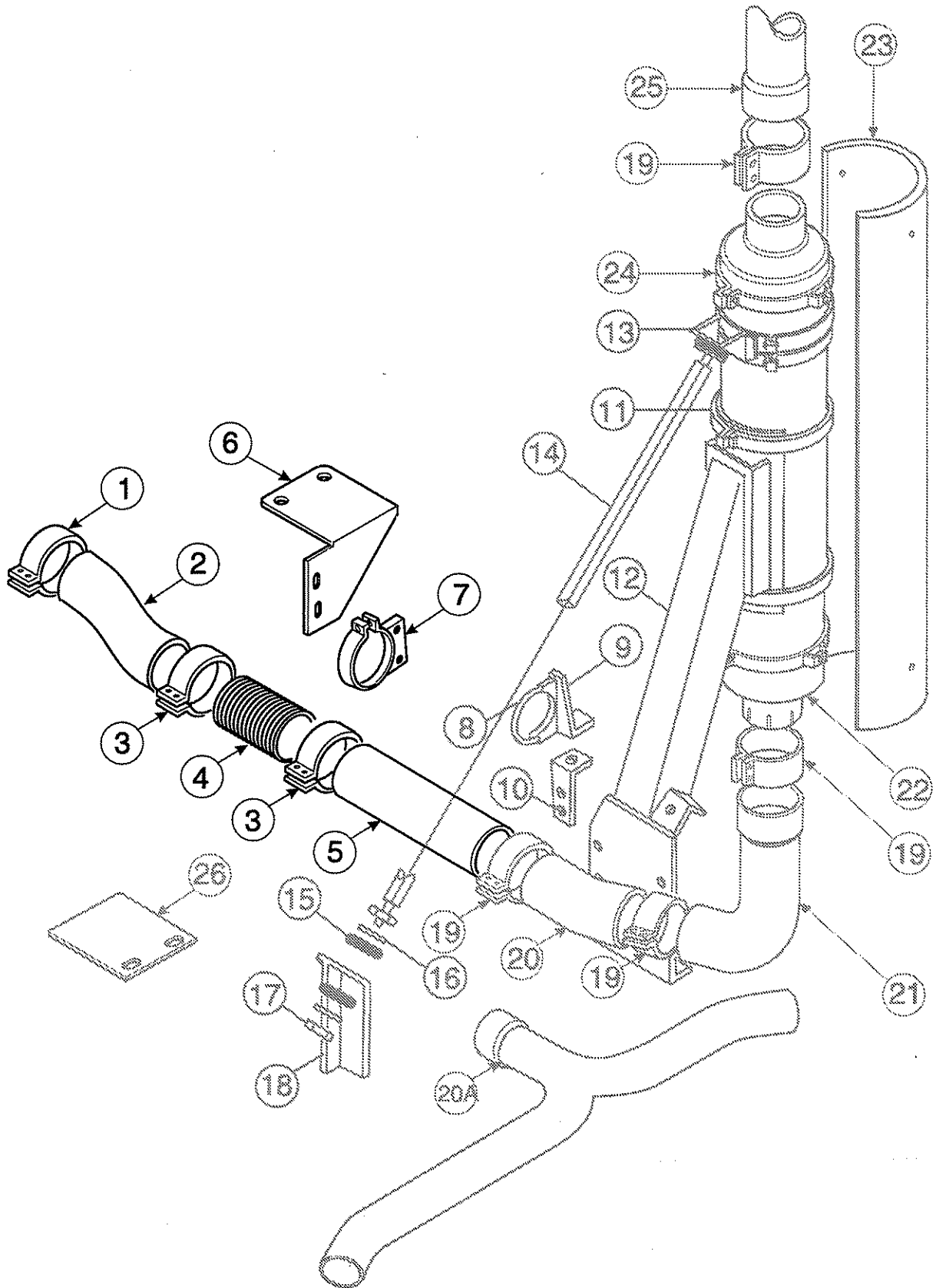


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### TABLE OF CONTENTS

	Section	Page
Turbo Pipes .....	1.7.2	2-7
Support Brackets .....	1.7.2	8-9
Exhaust Pipes .....	1.7.2	10-13
Muffler & Shields .....	1.7.2	14-15

*Note: This publication is a generic parts book. Components may vary with different applications. For applications other than listed below the parts listings see the appropriate Bill of Material by truck serial number and use this publication as a guide only.*



**FVB EXHAUST****3109-001-05 CAT TURBO PIPES 3176B**

Item	Description	Part Number	Qty
1	V-Band Clamp 4"	23504-3413	1
2	Pipe, Upper Turbo 3176	23530-3489	1
3	Seal Clamp 4" Preformed	9045722	2
4	Flexpipe 4" Dia	23518-3402-012	1
5	Pipe, Lower Turbo 3176	23530-3493	1
6	Bracket, Turbo Pipe Support	23513-3549	1
7	Bracket, Exhaust Clamp	23504-3411	1

**3109-008-04 CAT TURBO PIPES C10/12**

Item	Description	Part Number	Qty
1	V-Band Clamp 5"	543871	1
2	Pipe, Upper Turbo C10/12	23530-3572	1
3	Seal Clamp 4" Preformed	9045723	2
4	Flexpipe 5" Dia	23518-3401-012	1
6	Bracket, Turbo Pipe Support	23513-3549	1
7	Bracket, Exhaust Clamp	23504-3411	1

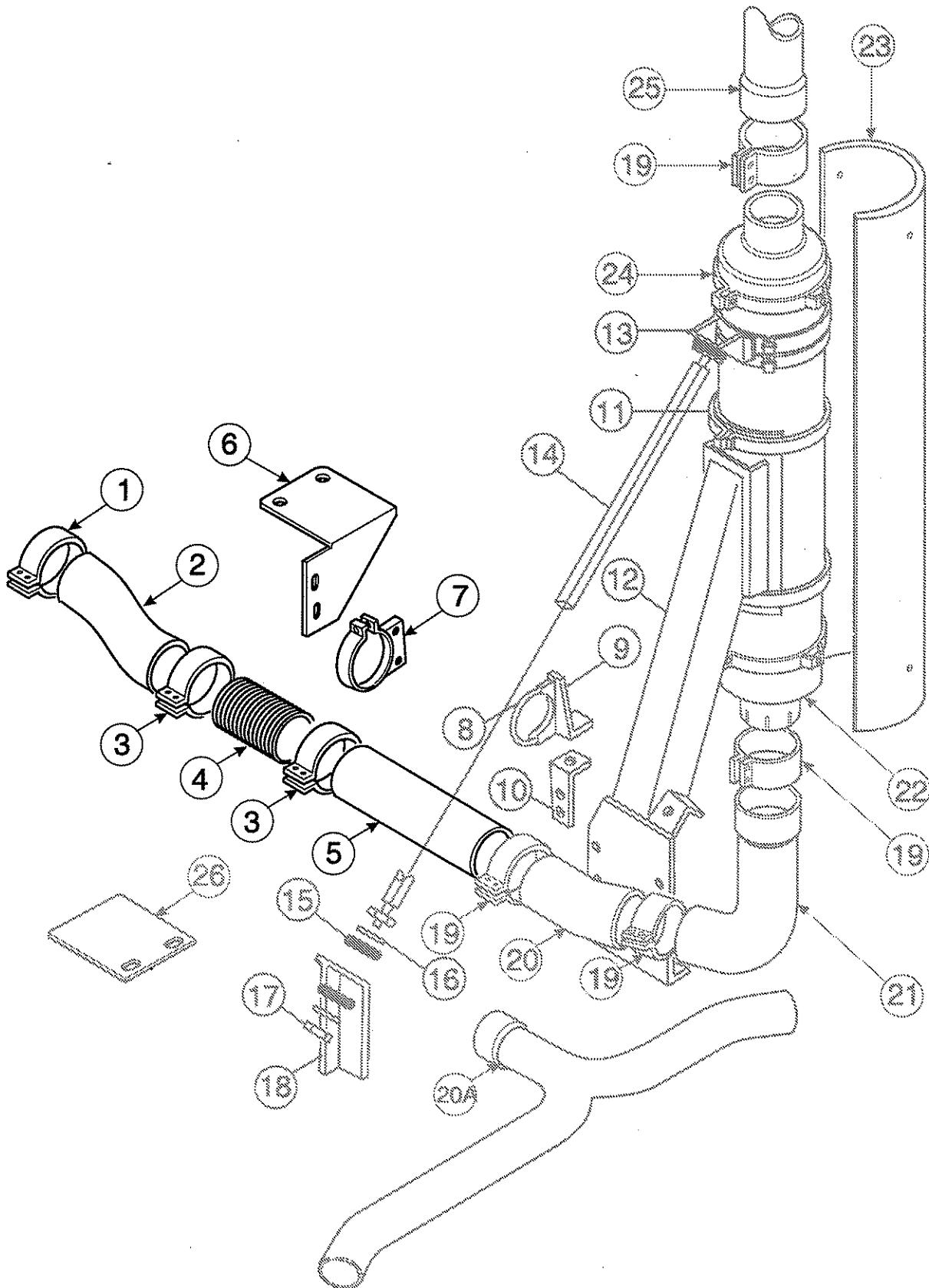
**3109-003-05 CAT TURBO PIPES 3406C - 49FX/SX & 59SS**

Item	Description	Part Number	Qty
1	V-Band Clamp 5"	543871	1
2	Pipe, Upper Turbo 3406C	23530-3485	1
3	Seal Clamp 4" Preformed	9045723	2
4	Flexpipe 5" Dia	23518-3401-012	1
5	Pipe, Lower Turbo 3406C/E	23530-3479	1
6	Bracket, Turbo Pipe Support	23513-3549	1
7	Bracket, Exhaust Clamp	23504-3411	1

**3109-004-09 CAT TURBO PIPES 3406C WITH PAC BRAKE -49FX/SX & 59SS**

Item	Description	Part Number	Qty
1	V-Band Clamp 5"	543871	1
2	Pipe, Upper Turbo 3406C	23530-3594	1
3	Seal Clamp 4" Preformed	9045723	2
4	Flexpipe 5" Dia	23518-3401-012	1
5	Pipe, Lower Turbo 3406C/E	23530-3595	1
6	Bracket, Turbo Pipe Support	23513-3549	1
7	Bracket, Exhaust Clamp	23504-3411	1

*Specific BOMs listed: 3109-001-05, 3109-008-04, 3109-003-05, 3109-004-09*



**3109-003-06 CAT TURBO PIPES 3406C - 49EX**

Item	Description	Part Number	Qty
1	V-Band Clamp 5"	543871	1
2	Pipe, Upper Turbo 3406 EX	23530-3485	1
3	Seal Clamp 4" Preformed	9045723	2
4	Flexpipe 5" Dia	23518-3401-012	1
5	Pipe, Lower Turbo 3406C 49EX	23530-3561	1
6	Bracket, Turbo Pipe Support	23513-3549	1
7	Bracket, Exhaust Clamp	23504-3411	1

**3109-004-05 CAT TURBO PIPES 3406E - 49FX/SX, & 59SS**

Item	Description	Part Number	Qty
1	V-Band Clamp 5"	543871	1
2	Pipe, Upper Turbo 3406E	23530-3478	1
3	Seal Clamp 4" Preformed	9045723	2
4	Flexpipe 5" Dia	23518-3401-012	1
5	Pipe, Lower Turbo 3406C/E	23530-3479	1
6	Bracket, Turbo Pipe Support	23513-3549	1
7	Bracket, Exhaust Clamp	23504-3411	1

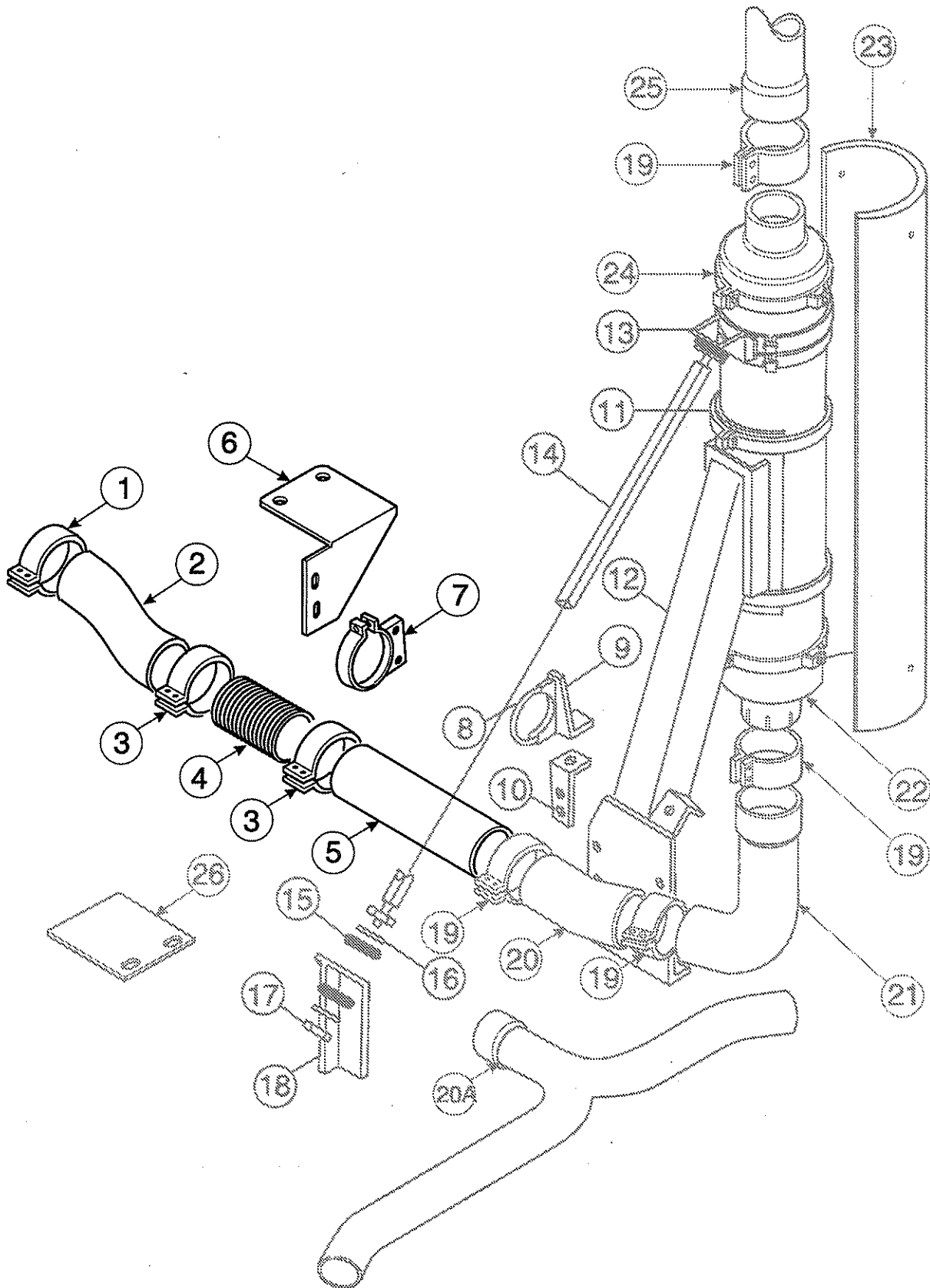
**3109-004-06 CAT TURBO PIPES 3406E - 49EX**

Item	Description	Part Number	Qty
1	V-Band Clamp 5"	543871	1
2	Pipe, Upper Turbo 3406E 49 EX	23530-3478	1
3	Seal Clamp 4" Preformed	9045723	2
4	Flexpipe 5" Dia	23518-3401-012	1
5	Pipe, Lower Turbo 3406 49EX	23530-3561	1
6	Bracket, Turbo Pipe Support	23513-3549	1
7	Bracket, Exhaust Clamp	23504-3411	1

**3109-005-05 CUMMINS TURBO PIPES M11/L10 49FX/SX, & 59SS**

Item	Description	Part Number	Qty
1	V-Band Clamp 5"	543871	1
2	Pipe, Upper Turbo M11/L10	23530-3484	1
3	Seal Clamp 4" Preformed	9045723	2
4	Flexpipe 5" Dia	23518-3401-012	1
5	Pipe, Lower Turbo M11/L10	23530-3488	1
6	Bracket, Turbo Pipe Support	23513-3549	1
7	Bracket, Exhaust Clamp	23504-3411	1

*Specific BOMs listed: 3109-003-06, 3109-004-05, 3109-004-06, 3109-005-05*



**3109-006-05 CUMMINS TURBO PIPES N14 49FX/SX, & 59SS**

Item	Description	Part Number	Qty
1	V-Band Clamp 5"	543871	1
2	Pipe, Upper Turbo N14	23530-3483	1
3	Seal Clamp 4" Preformed	9045723	2
4	Flexpipe 5" Dia	23518-3401-012	1
5	Pipe, Lower Turbo N14	23530-3486	1
6	Bracket, Turbo Pipe Support	23513-3549	1
7	Bracket, Exhaust Clamp	23504-3411	1

**3109-006-06 CUMMINS TURBO PIPES N14 49EX**

Item	Description	Part Number	Qty
1	V-Band Clamp 5"	543871	1
2	Pipe, Upper Turbo N14/S60	23530-3483	1
3	Seal Clamp 4" Preformed	9045723	2
4	Flexpipe 5" Dia	23518-3401-012	1
5	Pipe, Lower Turbo N14 EX	23530-3462	1
6	Bracket, Turbo Pipe Support	23513-3549	1
7	Bracket, Exhaust Clamp	23504-3411	1

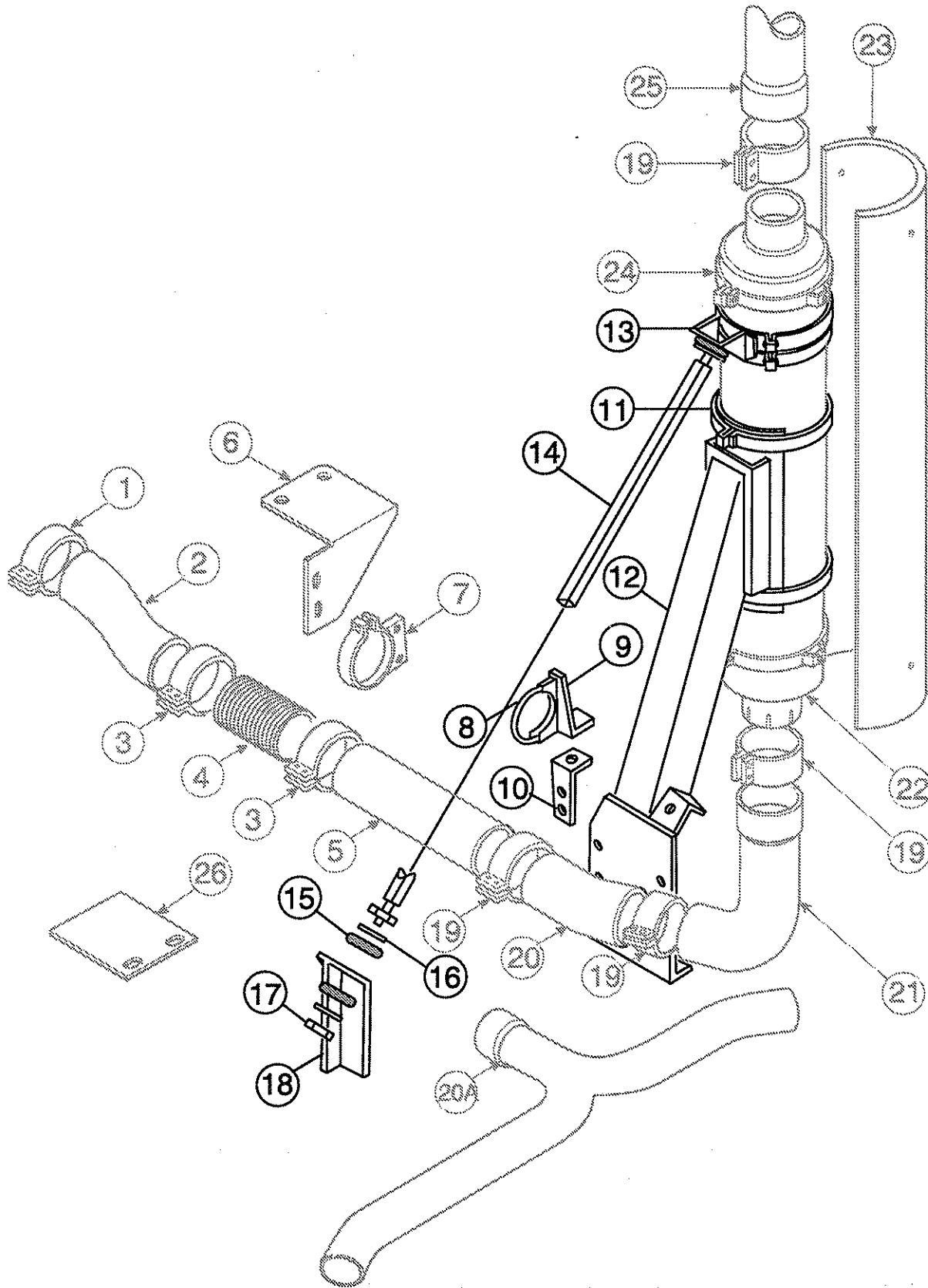
**3109-007-05 SERIES 60 TURBO PIPES, 49FX/SX, & 59SS**

Item	Description	Part Number	Qty
1	V-Band Clamp 5"	543871	1
2	Pipe, Upper Turbo N14/S60	23530-3483	1
3	Seal Clamp 4" Preformed	9045723	2
4	Flexpipe 5" Dia	23518-3401-012	1
5	Pipe, Lower Turbo S60	23530-3487	1
6	Bracket, Turbo Pipe Support	23513-3549	1
7	Bracket, Exhaust Clamp	23504-3411	1

**3109-007-06 SERIES 60 TURBO PIPES 49EX**

Item	Description	Part Number	Qty
1	V-Band Clamp 5"	543871	1
2	Pipe, Upper Turbo N14/S60	23530-3483	1
3	Seal Clamp 4" Preformed	9045723	2
4	Flexpipe 5" Dia	23518-3401-012	1
5	Pipe, Lower Turbo N14/S60 EX	23530-3463	1
6	Bracket, Turbo Pipe Support	23513-3549	1
7	Bracket, Exhaust Clamp	23504-3411	1

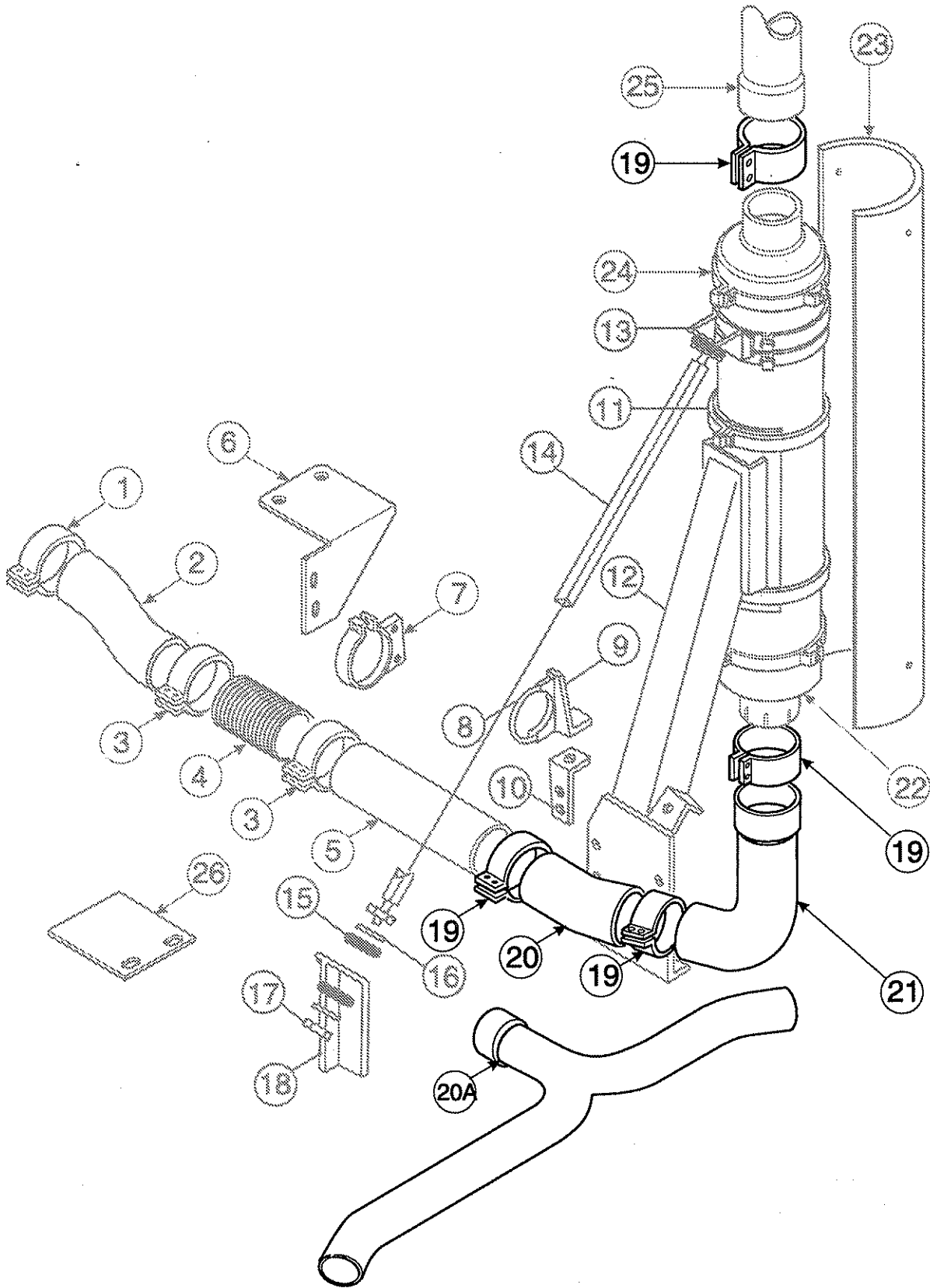
*Specific BOMs listed: 3109-006-05, 3109-006-06, 3109-007-05, 3109-007-06*



**3108-004-00/12 EXHAUST SUPPORT BRACKETS (S=Single Exhaust, D=Dual Exhaust)**

Item	Description	Part Number	Qty	
			S	D
8	U Clamp Assy 5"	519060	1	2
9	Bracket, FVB Pipe Support	23513-3545	1	2
10	Bracket, Bottom Pipe Support	23513-3499	1	2
11	Clamp	9029668	2	4
12	Muffler Support Bracket, FVB Single	23612-3419	1	2
13	Bracket & Clamp Assy	23613-3412	1	2
14	Strut	23614-3418	1	2
15	Rubber Bushing	23621-3402	4	8
16	Washer, Hard 2.25 x .78 x .19	4011-3429	4	8
17	Nut, Lock Prtrq Cad .50 -20 x 1.5	4012-3419	AR	AR
18	Bracket, Strut	23613-3419	1	2

*Specific BOMs listed:*    3109-004-00/12



# ENGINE 'FVB' SYSTEM EXHAUST

1.7.2

**3108-002-01 SINGLE EXHAUST PIPES, PAINTED**

Item	Description	Part Number	Qty
19	Seal Clamp, 5" Preformed	9045723	3
20	Rear Pipe FVB Single Painted	23529-3545	1
21	BOC Pipe, Single Exhaust, Painted	23529B3543	1

**3108-002-02 SINGLE EXHAUST PIPES, CHROME**

Item	Description	Part Number	Qty
19	Seal Clamp, 5" Preformed	9045723	5
20	Rear Pipe FVB Single Painted	23529-3545	1
21	BOC Pipe, Single Exhaust, Chrome	23529C3543	1

**3108-002-03 DUAL EXHAUST PIPES, PAINTED**

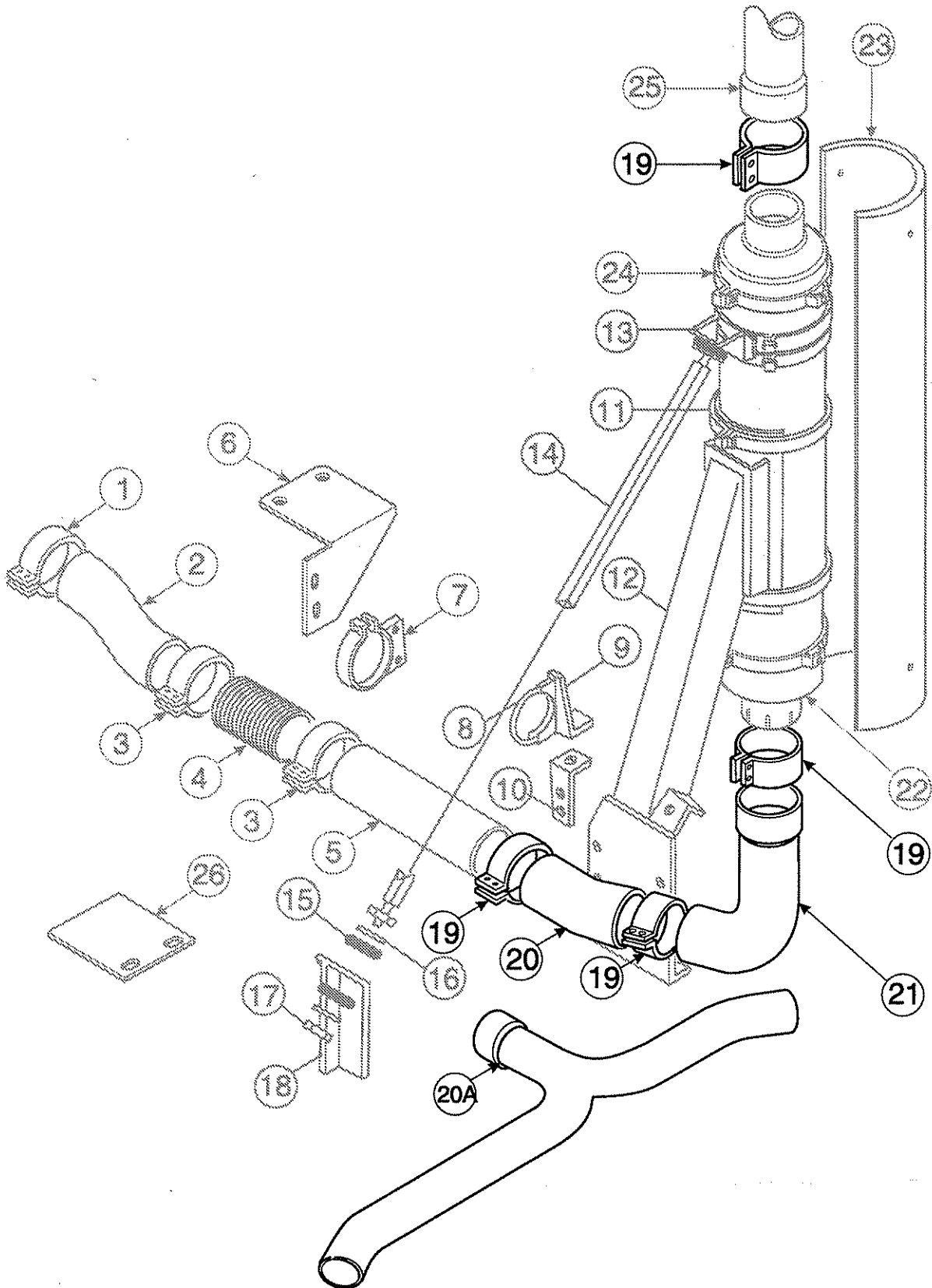
Item	Description	Part Number	Qty
19	Seal Clamp, 5" Preformed	9045723	3
20A	Rear Wye Pipe FVB Dual Painted	23529-3548	1
21	BOC Pipe, Dual Exhaust, Painted	23529B3543	1

**3108-002-04 DUAL EXHAUST PIPES, CHROME**

Item	Description	Part Number	Qty
19	Seal Clamp, 5" Preformed	9045723	5
20A	Rear Wye Pipe FVB Dual Painted	23529-3548	1
21	BOC Pipe, Dual Exhaust, Chrome	23529C3543	1

**Specific BOMs listed:** 3108-002-01, 3108-002-02, 3108-002-03, 3108-002-04

**ENGINE 1**



# ENGINE 'FVB' SYSTEM EXHAUST

1.7.2

<b>3108-002-05 SINGLE EXHAUST PIPES, PAINTED, HEAVY DUTY</b>			
<b>Item</b>	<b>Description</b>	<b>Part Number</b>	<b>Qty</b>
19	Seal Clamp, 5" Preformed	9045723	3
20	Rear Pipe FVB Single Painted	23529-3544	1
21	BOC Pipe, Single Exhaust, Painted	23529B3543	1

<b>3108-002-06 SINGLE EXHAUST PIPES, CHROME, HEAVY DUTY</b>			
<b>Item</b>	<b>Description</b>	<b>Part Number</b>	<b>Qty</b>
19	Seal Clamp, 5" Preformed	9045723	5
20	Rear Pipe FVB Single Painted	23529-3544	1
21	BOC Pipe, Single Exhaust, Chrome	23529C3543	1

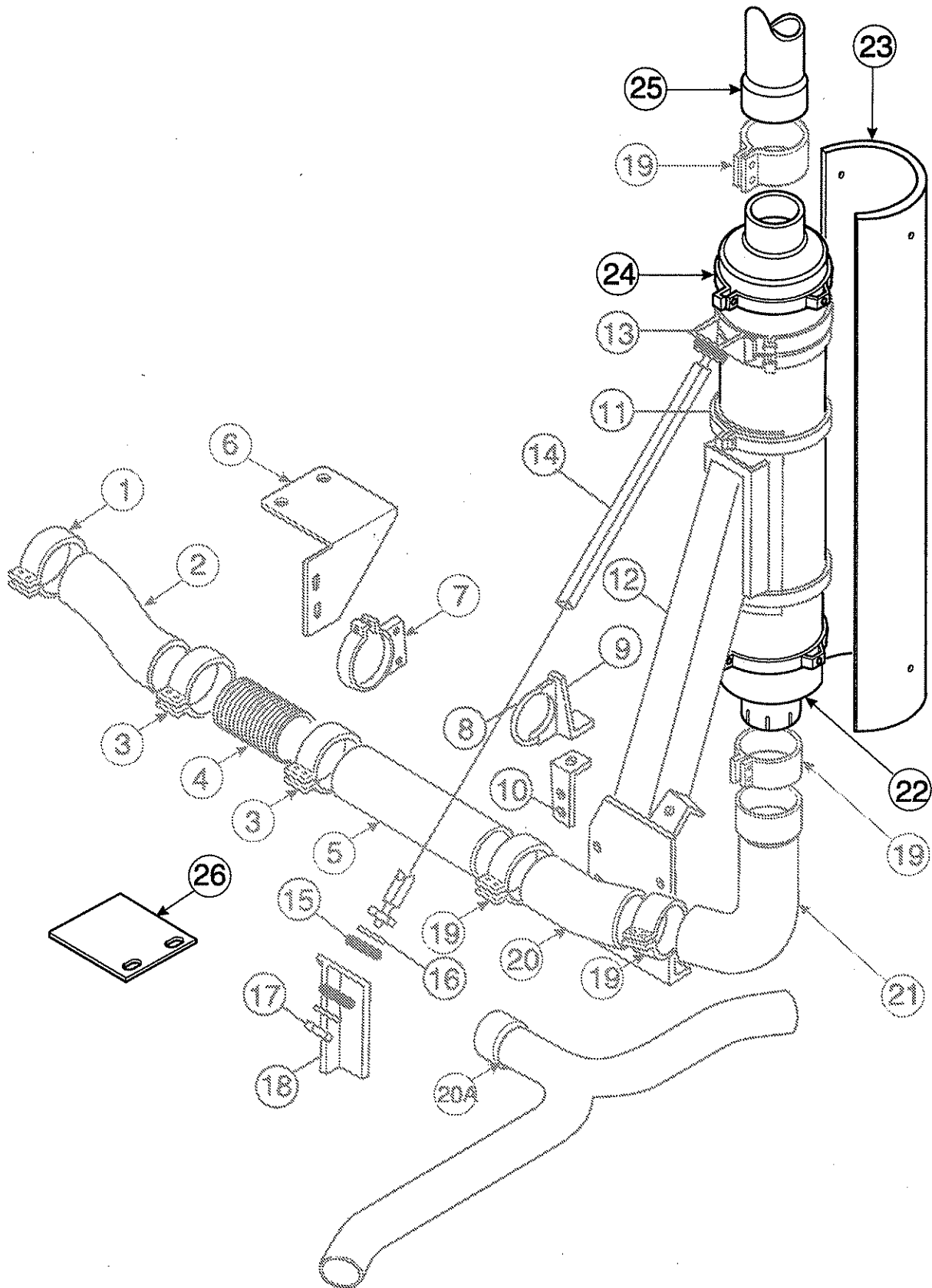
<b>3108-002-07 DUAL EXHAUST PIPES, PAINTED, HEAVY DUTY</b>			
<b>Item</b>	<b>Description</b>	<b>Part Number</b>	<b>Qty</b>
19	Seal Clamp, 5" Preformed	9045723	3
20A	Rear Wye Pipe FVB Dual Painted	23529-3549	1
21	BOC Pipe, Dual Exhaust, Painted	23529B3543	1

<b>3108-002-08 DUAL EXHAUST PIPES, CHROME, HEAVY DUTY</b>			
<b>Item</b>	<b>Description</b>	<b>Part Number</b>	<b>Qty</b>
19	Seal Clamp, 5" Preformed	9045723	5
20A	Rear Wye Pipe FVB Dual Painted	23529-3549	1
21	BOC Pipe, Dual Exhaust, Chrome	23529C3543	1

**Specific BOMs listed:** 3108-002-05, 3108-002-06, 3108-002-07, 3108-002-08

**ENGINE 1**



# ENGINE 'FVB' SYSTEM EXHAUST

1.7.2

**3108-007-01 MUFFLER**

Item	Description	Part Number	Qty
22	Muffler, 5" Vertical, Double Wrap	23001-3458	1

**3108-007-02 MUFFLER**

Item	Description	Part Number	Qty
22	Muffler, 5" Vertical, Double Wrap	23001-3455	1

**3108-007-03 MUFFLER - DUAL**

Item	Description	Part Number	Qty
22	Muffler, 5" Vertical, Double Wrap	23001-3457	2

**3108-003-00/04 MUFFLER SHIELD (S=Single Exhaust, D=Dual Exhaust)**

Item	Description	Part Number	Qty	
			S	D
23	Muffler Shield, Solid, FVB, LH/RH	23101-3440	1	2
23	Muffler Shield, Solid, Drilled for Grab	23101-3452	1	2
23	Muffler Shield, Perforated, FVB, LH/RH	23101-3420	1	2
23	Muffler Shield, Perforated, Drilled for Grab	23101-3434	1	2
24	Shield Support	9041005	2	4

**EXHAUST STACKS (Add a finish and length to the part number)**

Finish C = Chrome, B = Painted

Lengths in inches:

- 018
- 024
- 030
- 036
- 042
- 048
- 054

Example: 23527C43508-024

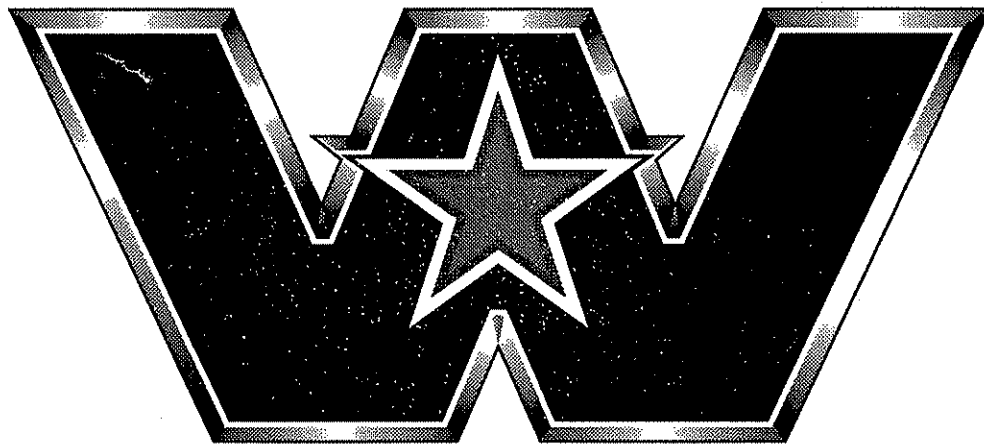
Item	Description	Part Number
25	Straight Stack	23527_3508-__
25	Curved Stack	23202_3453-__

**3109-011-00 HEAT SHIELD - FUEL LINES**

Item	Description	Part Number	Qty
26	Heat Shield	23102-3413	1

*Specific BOMs listed:* 3108-007-01/03, 3108-003-00/04, 3108-020-01/06, 3108-021-01/06, 3108-022-01/06, 3108-023-01/06, 3108-024-01/06, 3108-025-01/06, 3108-026-01/06, 3108-009-01/06

**ENGINE 1**



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