

SS 580739 FCCC Step Van Cat Theft Deterrent Systems (291)

Applicable Vehicles

FCCC step vans built with both 6.0L and 6.6L engines for both MT45 & MT55 chassis built AFTER 3/21/18.

Original Cat Exhaust Pipe Assemblies for **6.0L** engines built AFTER 3/21/18 are:

A04-34152-000, A04-34156-000

A04 35252 000, A04 35253 000

A04-35493-000, A04-35494-000

Original Cat Exhaust Pipe Assemblies for **6.6L** engines starting 1/10/22 are:

A04 35511 000, A04 35512 000

A04-36232-000, A04-36233-000

Symptoms

Catalytic Converters stolen.

Issue

Catalytic Converters stolen.

Solution

FCCC Engineering has developed 4 Service Kits that can be added as needed for vehicles built AFTER 3/21/18 for both 6.0L and 6.6L engines built with both MT45 & MT55 chassis.

NO warranty applies to any of these service kits.

NONE of the 4 Kits will be sold through Paragon, but the attachments should be used in order to determine which "Kit" is to be used to obtain the applicable parts list based on engine type, chassis model, and the date of manufacture.

Labels :

Step Vans

Add tags

Attachments



1 Kudo

Comment

VIEW G

SEE PAGE 7

VIEW E

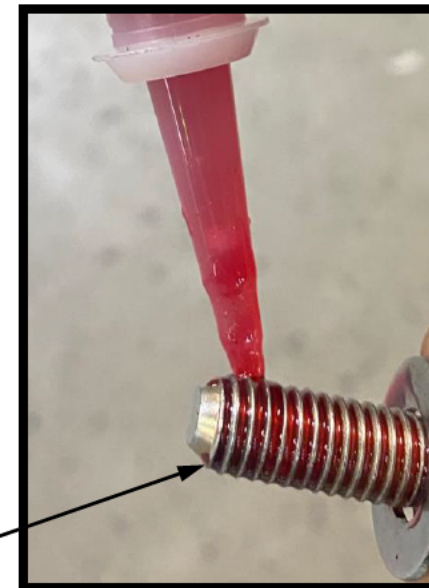
SEE PAGE 6

VIEW A

SEE PAGE 4

FWD

1. APPLY LOCTITE 271 (RED) TO ALL EXTERNAL THREADS OF FASTENING HARDWARE.
2. POSITION ITEM R01 IN DIRECT CONTACT WITH REFERENCE FACE INDICATED IN GREEN.
3. CUT TIE CLAMP, POSITION CABLE BUNDLE INBOARD AND REPLACE WITH NEW HARDWARE AFTER PERFORMING NOTE 4.
4. USE HOLES IN ITEM R01 TO MARK OUT HOLE CENTER LOCATIONS. REMOVE R01 AND DRILL 9/16" HOLES.
5. TORQUE 1/2-13 NUT TO TARGET 55 FT-LB, RANGE 44 – 66 FT-LB.
6. TORQUE 3/8-16 BOLT TO TARGET 32 FT-LB, RANGE 26 – 39 FT-LB.
7. REMOVE BATTERIES FOR FASTENER REPLACEMENT.
8. TORQUE 7/16-14 NUT TO TARGET 37 FT-LB, RANGE 30 – 44 FT-LB.
9. REPLACE BATTERY TRAY HARDWARE WITH NEW HARDWARE.
10. REPLACE BATTERIES. TORQUE NUT TO TARGET 11 FT-LB, RANGE 9 – 13 FT-LB.
11. ENSURE 19MM MINIMUM CLEARANCE BETWEEN CATALYTIC CONVERTER/EXHAUST TUBE AND THEFT GUARD HARDWARE.



BILL OF MATERIALS - KIT A04-37357-000

1. REFER TO BELOW BILL OF MATERIALS FOR RETROFITTING CIRCLED ITEM NUMBERS CALLED OUT IN THIS INSTALL. REFER TO PAGE 1 FOR TORQUE INFORMATION FOR FASTENERS.

ITEM	PART NO	DESCRIPTION	QTY
001	A04-37145-000	BRKT ASSY-CAT GUARD,MT55G,6.6L	1
002	A04-37150-000	BRKT ASSY-CAT GUARD,MT55G,6.6L	1
003	A04-37152-000	BRKT ASSY-CAT GUARD,MT55G,6.6L	1
004	A04-37155-000	BRKT ASSY-CAT GUARD,BRACE	1
005	A04-37154-000	BRKT ASSY-CAT GUARD,BRACE	1
006	23-11751-175	SCREW-CAP,HEX,GR8,1/2-13X1.75	2
007	23-09114-003	WASHER-HRDN,0.53X1.06X.177,ZN	13
008	23-13833-108	NUT-HEX,LKG,XL SIL,1/2-13	6
009	23-10914-100	SCREW-CAP,3/8-16UNC,HEX HD,SST	6
010	23-10900-038	WASHER-FLAT,SST,3/8"	6
011	23-09114-001	WASHER-HRDN,0.47X0.92X.080,ZN	1
012	23-11749-150	SCREW-CAP,HEX,GR8,7/16-14X1.50	1
013	23-13833-107	NUT-HEX,LKG,XL SIL,7/16-14	1
014	23-11751-150	SCREW,CAP,HEX,1/2-13,GR8,ZNDI	4
015	23-13476-000	TIE-CLAMP,.5W,15L,4.13BUNDLE	2
R01	04-36920-000	PLT-CAT GUARD,DRILL,MT55G,6.6L	1

BILL OF MATERIALS - KIT A04-37356-000

1. REFER TO BELOW BILL OF MATERIALS FOR RETROFITTING CIRCLED ITEM NUMBERS CALLED OUT IN THIS INSTALL. REFER TO PAGE 1 FOR TORQUE INFORMATION FOR FASTENERS.

ITEM	PART NO	DESCRIPTION	QTY
001	A04-37200-000	BRKT ASSY-CAT GUARD,MT45G,6.6L	1
002	A04-37201-000	BRKT ASSY-CAT GUARD,MT45G,6.6L	1
003	A04-37202-000	BRKT ASSY-CAT GUARD,MT45G,6.6L	1
004	A04-37155-000	BRKT ASSY-CAT GUARD,BRACE	1
005	A04-37154-000	BRKT ASSY-CAT GUARD,BRACE	1
006	23-11751-175	SCREW-CAP,HEX,GR8,1/2-13X1.75	2
007	23-09114-003	WASHER-HRDN,0.53X1.06X.177,ZN	13
008	23-13833-108	NUT-HEX,LKG,XL SIL,1/2-13	6
009	23-10914-100	SCREW-CAP,3/8-16UNC,HEX HD,SST	6
010	23-10900-038	WASHER-FLAT,SST,3/8"	6
011	23-09114-001	WASHER-HRDN,0.47X0.92X.080,ZN	1
012	23-11749-150	SCREW-CAP,HEX,GR8,7/16-14X1.50	1
013	23-13833-107	NUT-HEX,LKG,XL SIL,7/16-14	1
014	23-11751-150	SCREW,CAP,HEX,1/2-13,GR8,ZNDI	4
015	23-13476-000	TIE-CLAMP,.5W,15L,4.13BUNDLE	2
R01	04-36925-000	PLT-CAT GUARD,DRILL,MT45G,6.6L	1

R01

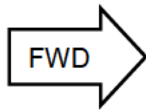
VIEW C
SEE PAGE 5



VIEW D
SEE PAGE 5

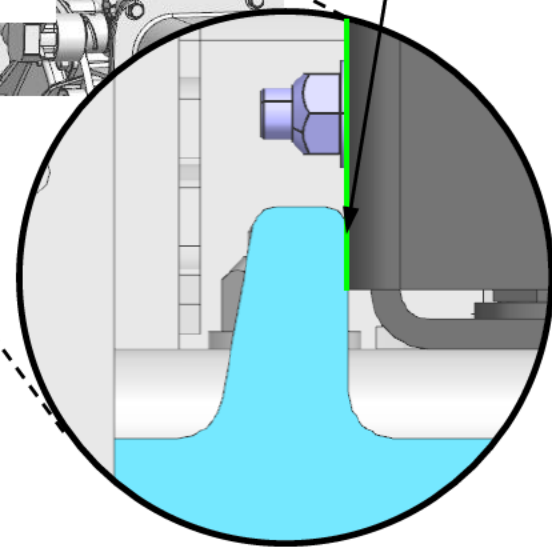
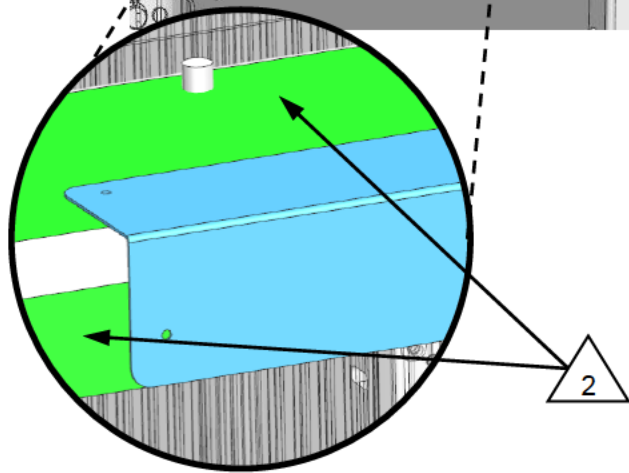


VIEW B
SEE PAGE 5

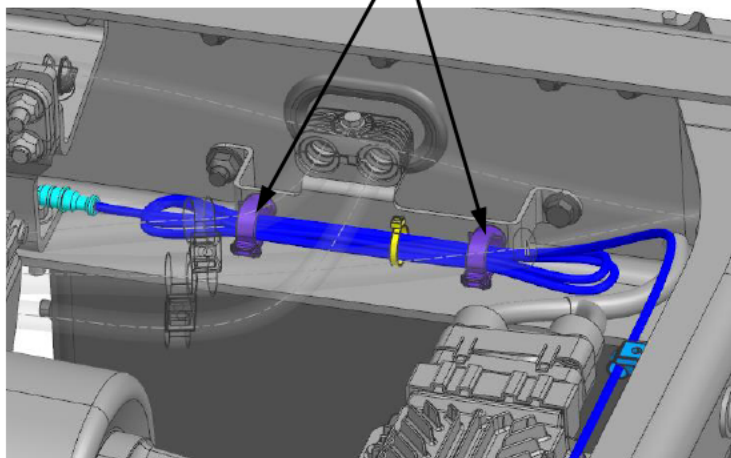
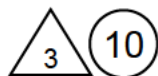


2

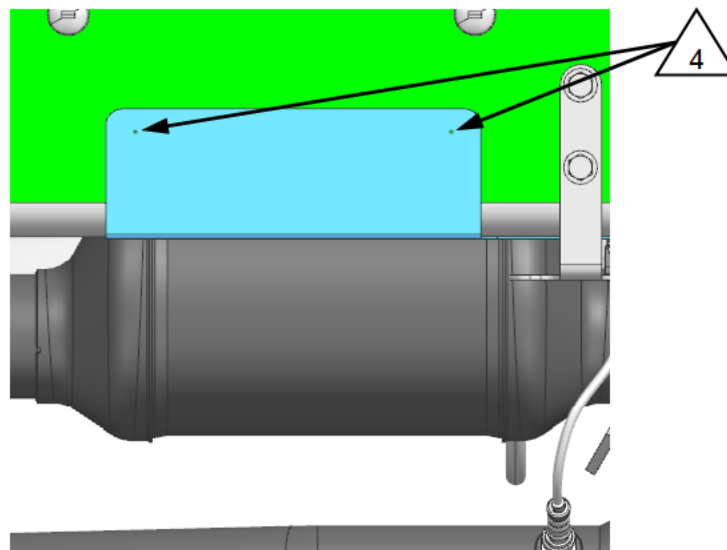
VIEW A
BODY STRUCTURE
TRANSLUCENT FOR CLARITY



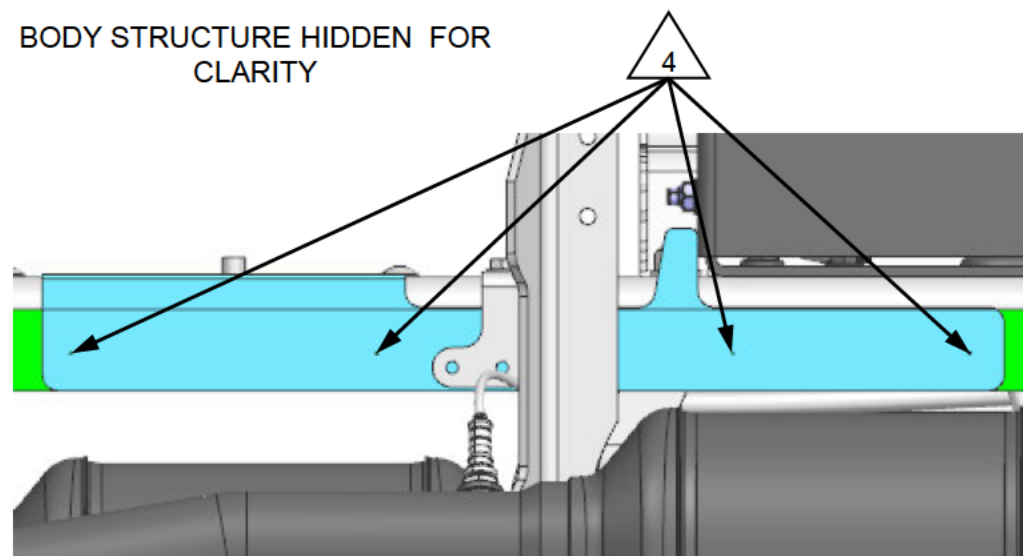
VIEW F
SEE PAGE 6



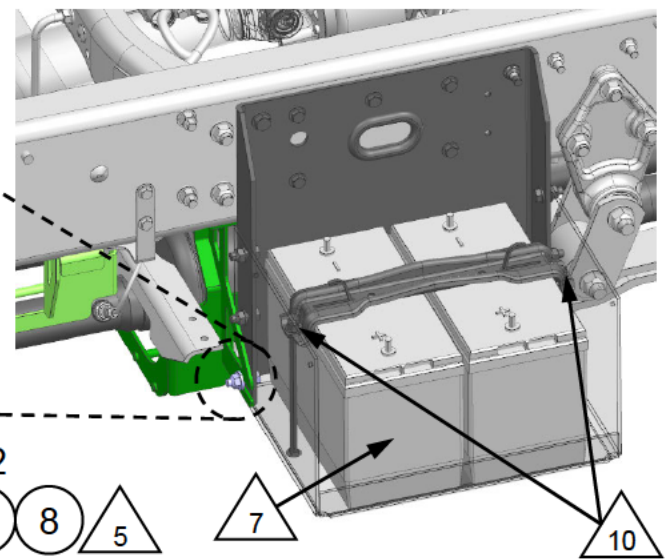
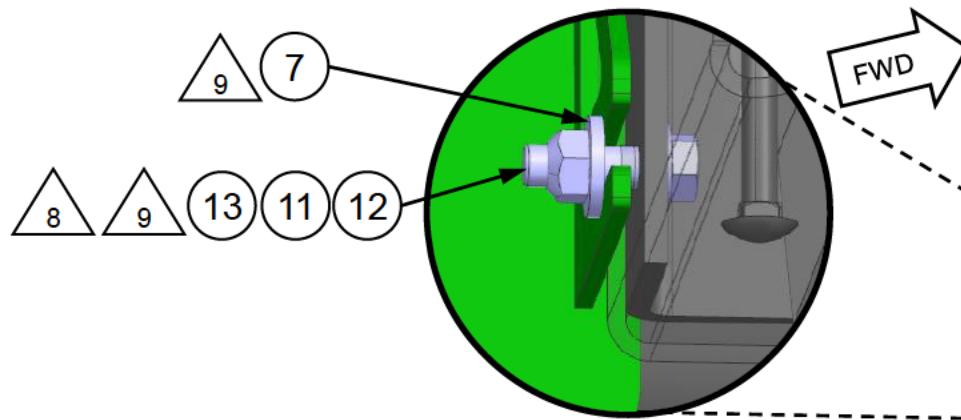
VIEW B
ROUTING TRANSLUCENT
FOR CLARITY



VIEW C
BODY STRUCTURE HIDDEN FOR
CLARITY

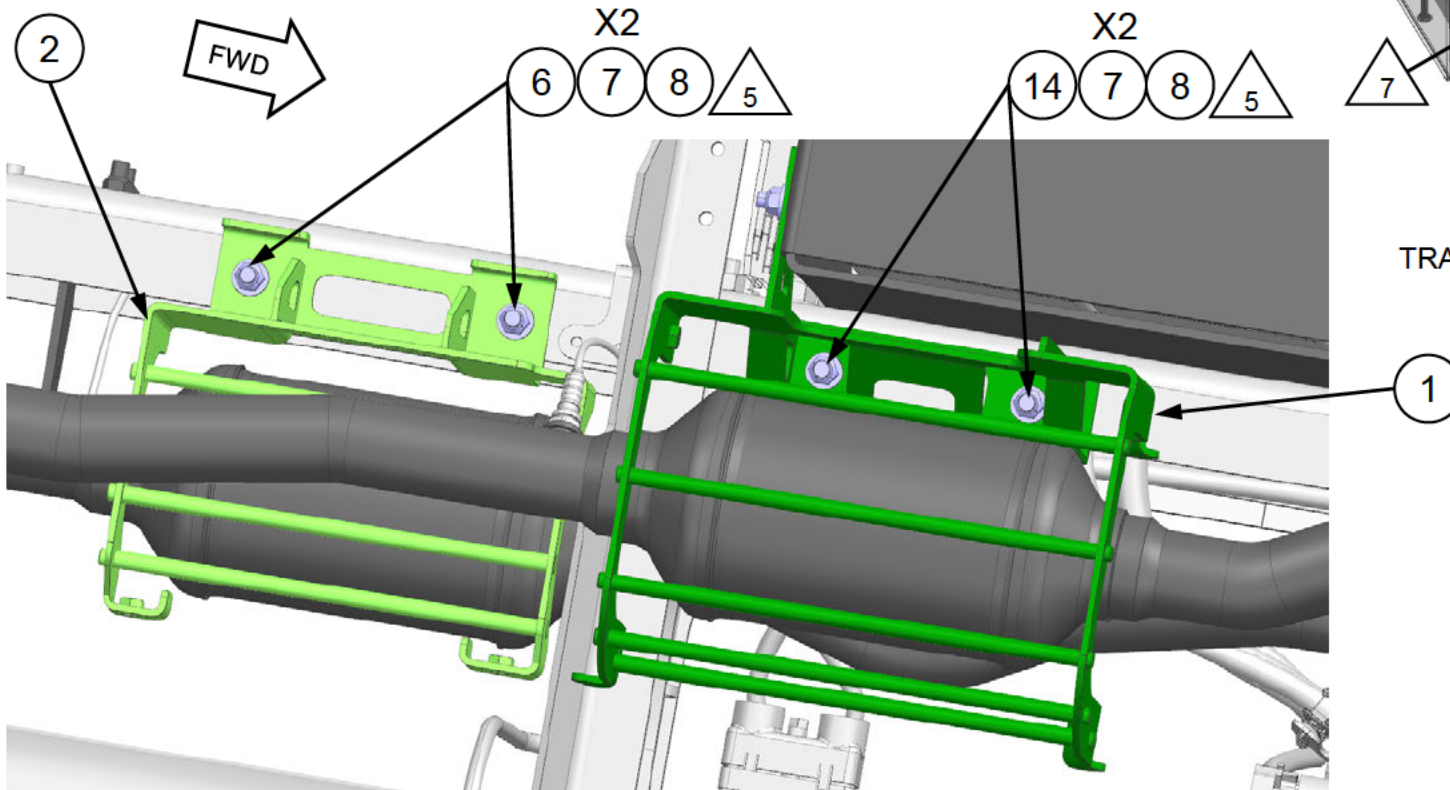


VIEW D

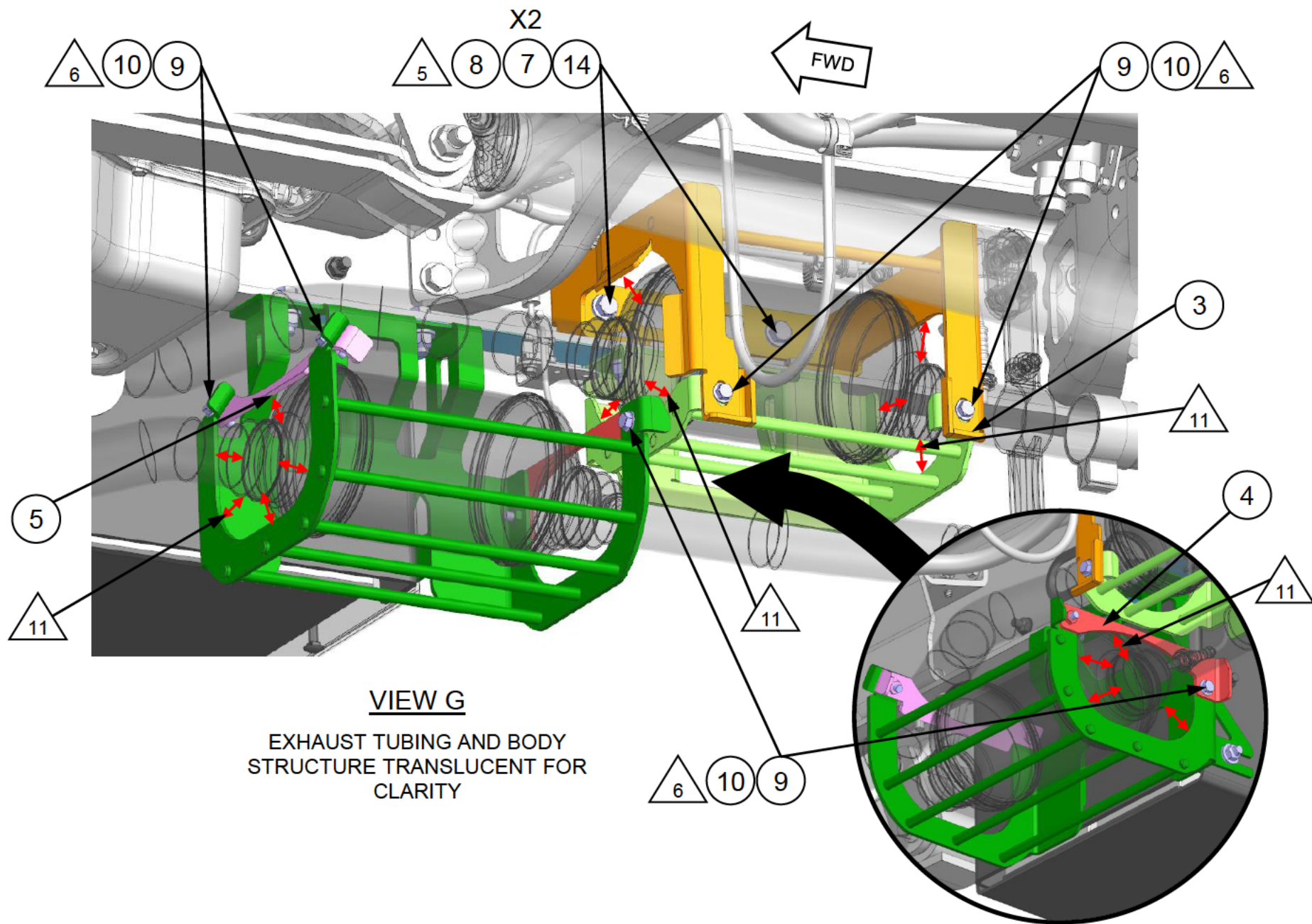


VIEW F

BATTERY TRAY
TRANSLUCENT FOR CLARITY



VIEW E



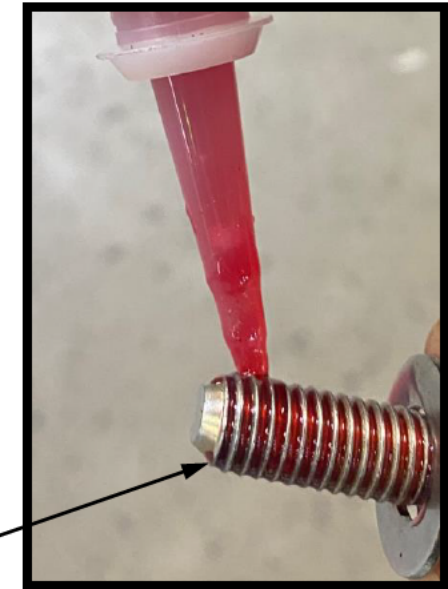
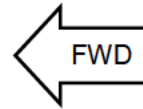
VIEW F
SEE PAGE 7



VIEW D
SEE PAGE 6



VIEW A
SEE PAGE 4



1. APPLY LOCTITE 271 (RED) TO ALL EXTERNAL THREADS OF FASTENING HARDWARE.
2. POSITION ITEM R01 IN DIRECT CONTACT WITH REFERENCE FACE INDICATED IN GREEN.
3. USE HOLES IN ITEM R01 TO MARK OUT HOLE CENTER LOCATIONS. REMOVE R01 AND DRILL 9/16" HOLES.
4. TORQUE 1/2-13 NUT TO TARGET 55 FT-LB, RANGE 44 – 66 FT-LB.
5. TORQUE 3/8-16 BOLT TO TARGET 32 FT-LB, RANGE 26 – 39 FT-LB.
6. REMOVE BATTERIES FOR FASTENER REPLACEMENT.
7. TORQUE 7/16-14 NUT TO TARGET 37 FT-LB, RANGE 30 – 44 FT-LB.
8. REPLACE BATTERY TRAY HARDWARE WITH NEW HARDWARE.
9. REINSTALL BATTERIES. TORQUE NUT TO TARGET 11 FT-LB, RANGE 9 – 13 FT-LB.
10. ENSURE 19MM MINIMUM CLEARANCE BETWEEN CATALYTIC CONVERTER/EXHAUST TUBE AND THEFT GUARD STRUCTURE.

BILL OF MATERIALS - KIT A04-38215-000 (MT45G)

A

1. REFER TO BELOW BILL OF MATERIALS FOR RETROFITTING CIRCLED ITEM NUMBERS CALLED OUT IN THIS INSTALL. REFER TO PAGE 1 FOR TORQUE INFORMATION FOR FASTENERS.

ITEM	PART NO	DESCRIPTION	QTY
001	A04-36873-000	BRKT ASSY-CAT GUARD,MT45G,6.0L	1
002	A04-38212-000	BRKT ASSY-CAT GUARD,MT45G,6.0L	1
003	A04-38211-000	BRKT ASSY-CAT GUARD,MT45G,6.0L	1
004	A04-37838-000	BRKT ASSY-CAT GUARD,MTG,6.0L	1
005	23-11751-175	SCREW-CAP,HEX,GR8,1/2-13X1.75	2
006	23-09114-003	WASHER-HRDN,0.53X1.06X.177,ZN	13
007	23-13833-108	NUT-HEX,LKG,XL SIL,1/2-13	6
008	23-10914-100	SCREW-CAP,3/8-16UNC,HEX HD,SST	6
009	23-10900-038	WASHER-FLAT,SST,3/8"	6
010	23-09114-001	WASHER-HRDN,0.47X0.92X.080,ZN	1
011	23-11749-125	SCREW-CAP,HEX,GR8,7/16-14X1.25	1
012	23-13833-107	NUT-HEX,LKG,XL SIL,7/16-14	1
013	23-11751-150	SCREW,CAP,HEX,1/2-13,GR8,ZNDI	4
R01	04-38221-000	PLT-CAT GUARD,DRILL,MT45G,6.0L	1

BILL OF MATERIALS - KIT A04-38220-000 (MT55G)

A

1. REFER TO BELOW BILL OF MATERIALS FOR RETROFITTING CIRCLED ITEM NUMBERS CALLED OUT IN THIS INSTALL. REFER TO PAGE 1 FOR TORQUE INFORMATION FOR FASTENERS.

ITEM	PART NO	DESCRIPTION	QTY
001	A04-37903-000	BRKT ASSY-CAT GUARD,MT55G,6.0L	1
002	A04-38217-000	BRKT ASSY-CAT GUARD,MT55G,6.0L	1
003	A04-38216-000	BRKT ASSY-CAT GUARD,MT55G,6.0L	1
004	A04-37838-000	BRKT ASSY-CAT GUARD,MTG,6.0L	1
005	23-11751-175	SCREW-CAP,HEX,GR8,1/2-13X1.75	2
006	23-09114-003	WASHER-HRDN,0.53X1.06X.177,ZN	13
007	23-13833-108	NUT-HEX,LKG,XL SIL,1/2-13	6
008	23-10914-100	SCREW-CAP,3/8-16UNC,HEX HD,SST	6
009	23-10900-038	WASHER-FLAT,SST,3/8"	6
010	23-09114-001	WASHER-HRDN,0.47X0.92X.080,ZN	1
011	23-11749-125	SCREW-CAP,HEX,GR8,7/16-14X1.25	1
012	23-13833-107	NUT-HEX,LKG,XL SIL,7/16-14	1
013	23-11751-150	SCREW,CAP,HEX,1/2-13,GR8,ZNDI	4
R01	04-38222-000	PLT-CAT GUARD,DRILL,MT55G,6.0L	1

R01

VIEW B

SEE PAGE 5



VIEW C

SEE PAGE 5



VIEW A

BODY STRUCTURE
TRANSLUCENT FOR CLARITY

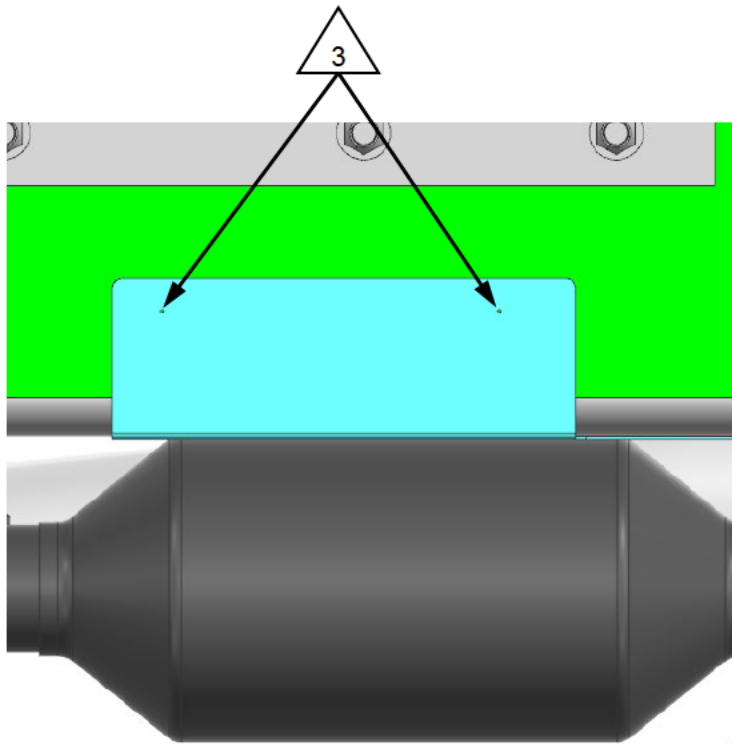
FWD

MT55G REFERENCE
FACE

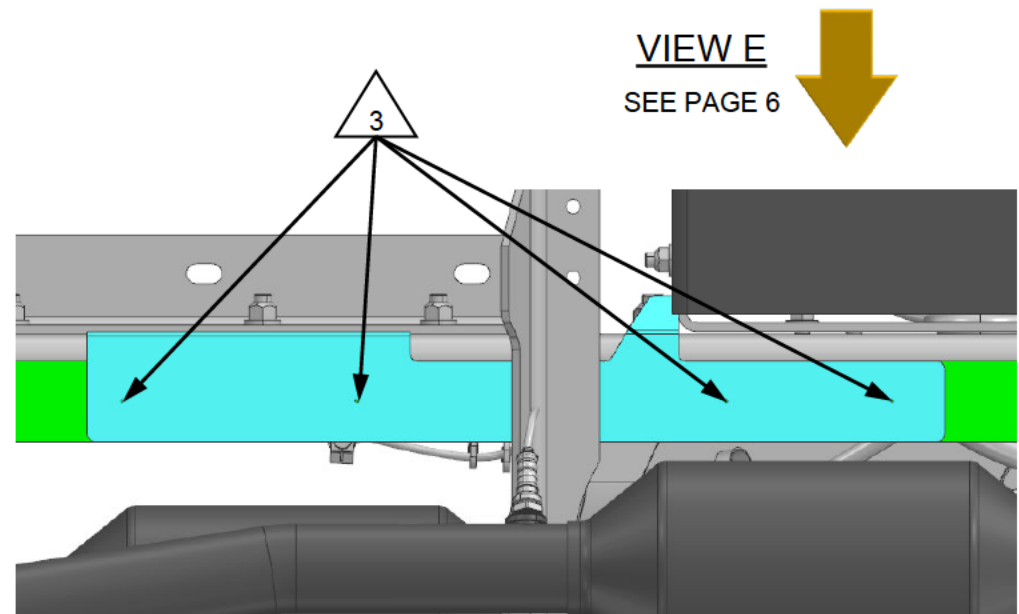
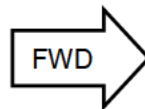
MT45G REFERENCE
FACE

2

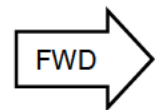
2

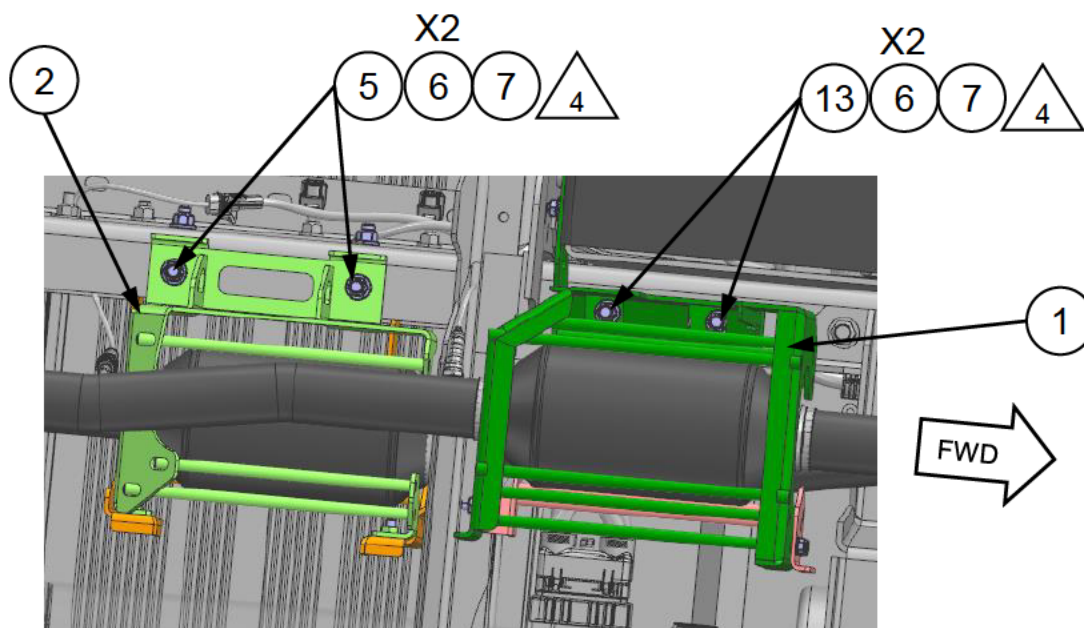
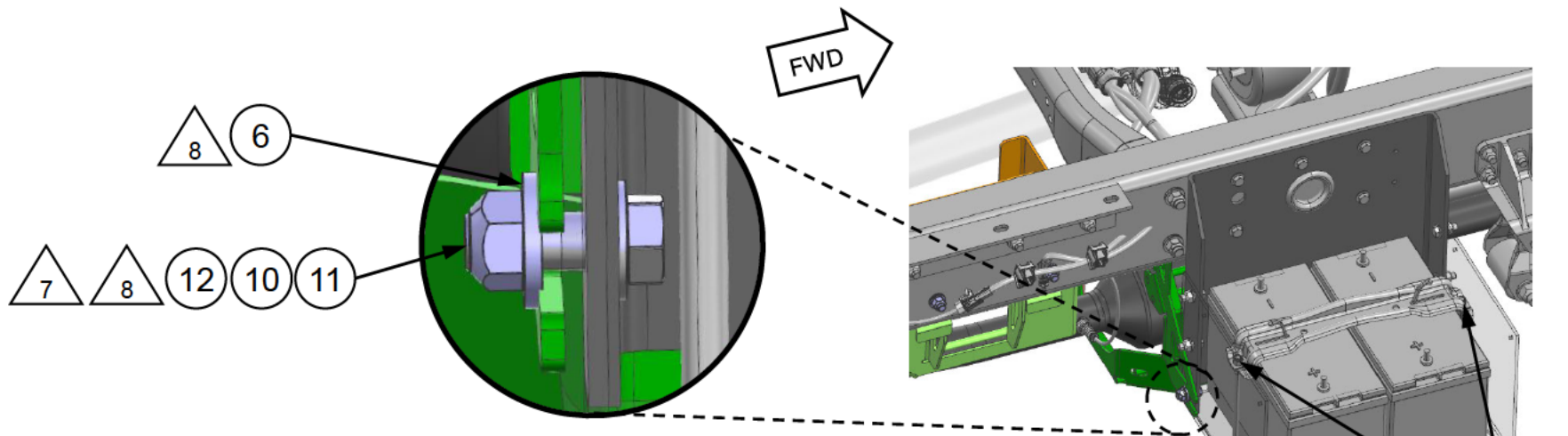


VIEW B
BODY STRUCTURE HIDDEN FOR CLARITY



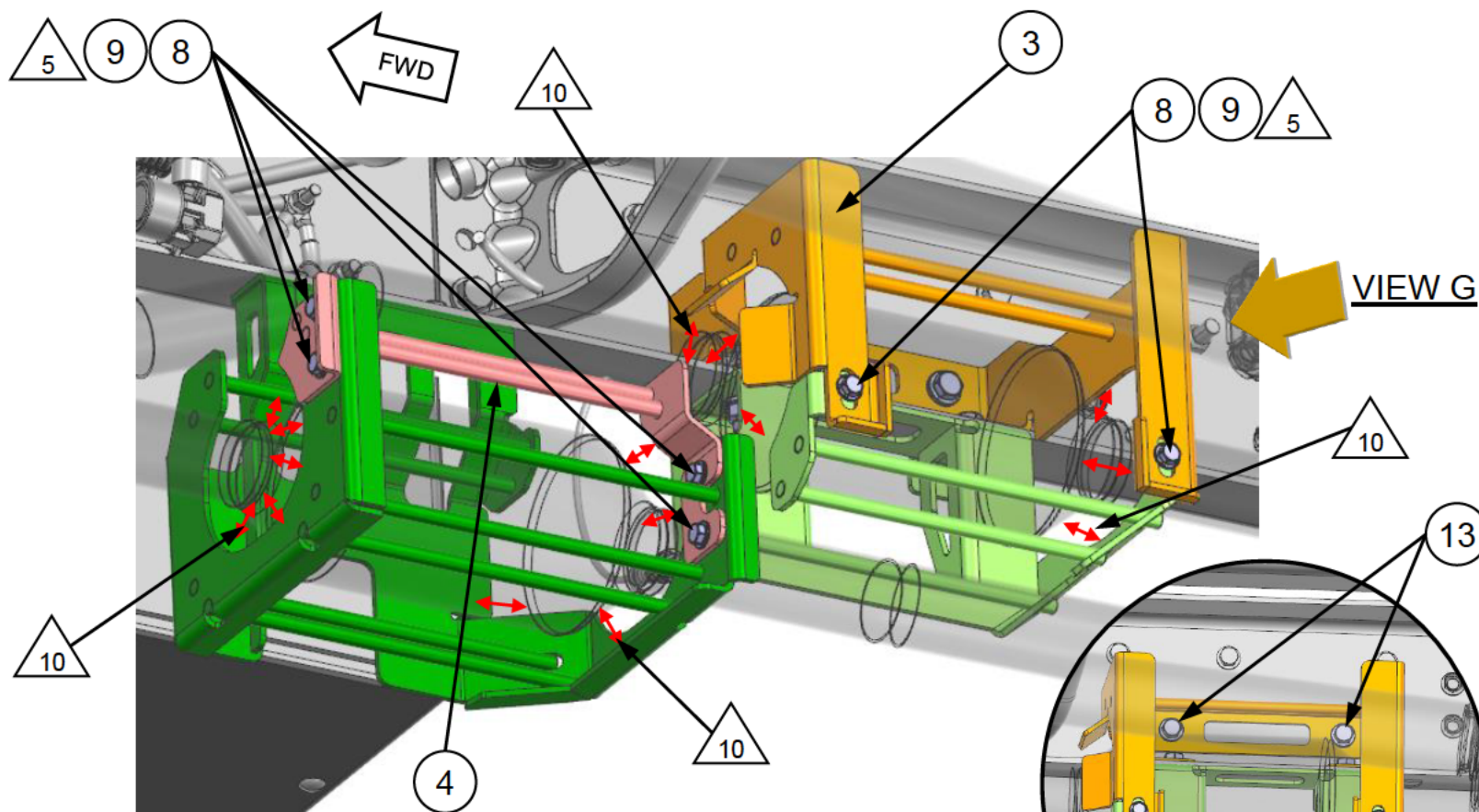
VIEW C





VIEW E
BATTERY TRAY
TRANSLUCENT FOR CLARITY

VIEW D



VIEW F
EXHAUST TUBING AND BODY
STRUCTURE TRANSLUCENT FOR
CLARITY

VIEW G