



2021-2023 MACK MD XD SERIES FRONT BUMPER *INSTALLATION INSTRUCTIONS*



SAFETY

Know safety, no injury. Know injury, no safety. ~Author Unknown

If there are any questions, call 1-855-HHTOUGH

READ ALL SAFETY INSTRUCTIONS BEFORE INSTALLATION

- FOLLOW ALL INSTRUCTIONS FOR PROPER ASSEMBLY
- WEAR APPROPRIATE EYE PROTECTION
- EXERCISE CARE WHEN LIFTING COMPONENTS
- USE APPROPRIATE TORQUE FOR BOLTS
- RE-TORQUE HARDWARE AT EVERY OIL CHANGE.

Suggested Torque Values For Steel Grade 5 Standard Bolts		
BOLT DIAMETER (INCH)	THREADS PER INCH	TORQUE (POUND - FEET)
1/4	20	7
5/16	18	14
3/8	16	25
7/16	14	40
1/2	13	60
9/16	12	88
5/8	11	120
3/4	10	200
7/8	9	302
1	8	466

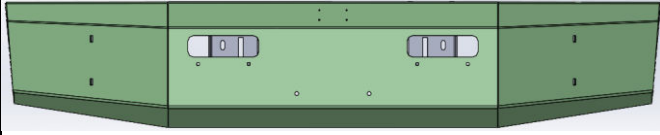
Suggested Torque Values For Steel Grade 8.8 Metric Bolts		
BOLT DIAMETER (mm)	THREAD PITCH (mm)	TORQUE (POUND-FEET)
6	1.0	7
8	1.25	16
10	1.5	32
12	1.75	55
14	2.0	88
16	2.0	140
18	2.5	195
20	2.5	275
22	2.5	375
24	3.0	475





I. PARTS LIST

Note: Brush guard configuration may differ.

Item 1	XD SERIES FRONT BUMPER	QTY. 1	ITEM 2	INSTALL KIT	QTY. 1
			✓	HARDWARE KIT #1 (60K-56-0001)	
			✓	LICENSE PLATE MOUNT KIT	

REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT.

If there are any questions, call 1-855 HHTOUGH or email HHORDERS@hammerheadarmor.com

II. TOOL LIST

- ✓ A good friend
- ✓ Basic tool set
- ✓ Blue masking tape
- ✓ 18mm socket
- ✓ 21mm wrench
- ✓ 3/4" socket
- ✓ 3/4" wrench
- ✓ Ratchet extension

III. VEHICLE PREPARATION

1. Park vehicle on level surface.
2. Engage parking brake and disconnect battery.
3. Using blue masking tape, mask along the profile of your truck above the bumper. This will help protect your truck from any accidental scratches.

IV. REMOVAL OF OE BUMPER

1. Using an 18mm socket and a 21mm wrench, remove 6 OE bolts attaching front bumper to OE frame mounts. Remove OE bumper from front of vehicle and set aside.



V. INSTALLATION OF HAMMERHEAD BUMPER

1. Using a hoist or a few friends, attach bumper to OE frame mounts using hardware kit #1 as shown below. Start all bolts before aligning bumper. Align bumper a minimum of 1/4" below tow hook mounts. When truck flexes off-road, this distance allows your bumper and body to have clearance. Fully tighten bolts with 3/4" socket.



**Congratulations! Your product installation is now complete.
Thank you for your purchase!**