



## **RUNNING BOARDS**

**MX-225-04    MX-225-04B**  
**MX-244-04    MX-244-04B**

## **2004 FORD F-150 BOX BOARDS**

Installation instructions.  
Please read carefully and completely.

Section A  
Bracket installation

1. Hold the front bracket under the front cross member 1" in from the outside edge and the flat side facing the front. Mark the bottom of the cross member through the top hole in the bracket. Remove the bracket then drill a 5/16" hole at the mark. Bolt the bracket to the cross member with a 5/16" bolt and nut. Bolt a small angle to the flat side of the bracket, adjust the angle so the tab rests completely on the rocker panel. Drill a 5/16" hole through the rocker panel using the hole in the end of the angle as a guide fasten with a 1/4" black carriage bolt and 1/4" nut. See figure A.
2. For the rear bracket on 8' beds mark the bottom of the second cross member 1" in from the outside edge and drill a 5/16" hole at this location. Bolt the rear bracket to the bottom of the cross member with a 5/16" bolt and nut. Mount the small angle in the same manner as for the front bracket. See figure B.
3. For the rear bracket on 6 1/2' beds an angle brace must be installed to mount the rear bracket. Hold the long angle bracket, with the flat side forward, 3" forward of the bottom of the wheel well and tight to the floor with the short tab tight to the pinch weld. The longer tab will set on the rocker panel. Drill a 5/16" hole in the pinch weld and the rocker panel using the holes in the ends of the long angle as a guide. Bolt the top of the angle with a 5/16" bolt and nut. The bottom will also have a small angle bolted between the rocker and the long angle. Bolt these together with a 1/4" black carriage bolt and nut. See figure C. Bolt the vertical bracket to the long angle thru the vertical slot in the bracket and the slot in the angle. Bolt the small angle to the vertical bracket through the horizontal slot. Use 5/16" bolts and nuts.

FRONT CROSSM

FIG A.

SECOND CRO

Section B  
Running board setup

**CAUTION** Care must be taken not to scratch mud flaps on sharp objects.

1. Install one square head bolt for each bracket in each track on the underside of the running board.
2. Install a mud flap on one end of the board and an end cap on the other using the 5/16" x 1" black bolts. Thread the bolts through the holes and then into the track, the bolts will cut their own threads in the track, do not over tighten these bolts.
3. Bolt the horizontal channels to the bottom of boards using the square head bolts already placed in the track with 1/4" nuts. Do not tighten at this time, leave loose enough to be able to slide the channel.

FIG B.

Section C  
Installing the boards to the vehicle.

1. If the vehicle has flares, check to see if there is enough clearance for the board, trim with a utility knife if necessary.
2. Position the board on the vehicle with the mud flap tight to the wheel well, (**CAUTION do not slide the mud flap across the screw heads inside the wheel well as this will scratch them**); use locking pliers to hold it in place by clamping the channels to the vertical brackets.
3. Bolt the channels to the vertical brackets with 5/16"x 3/4" bolts and 5/16" nuts. Do not tighten these bolts at this time leave finger tight.
4. Set the board level with the vehicle and lined up with the cab boards. Make sure that the mud flap is tight to the wheel well. Also check the board to see if it is parallel with the pinch weld, now tighten the bolts. Tighten the bolts holding the channels to the board first, then the bolts holding the channels to the vertical brackets.

FIG C.

EMBER

SSMEMBER

TYPICAL FRONT BRACKET

TYPICAL LONG BED  
REAR BRACKET

TYPICAL SHORT BED  
REAR BRACKET

NOTE; Not all bolts and nuts are used  
in every set of running boards.

WHEEL WELL LIP

DRILL AND SCREW  
THREE PLACES

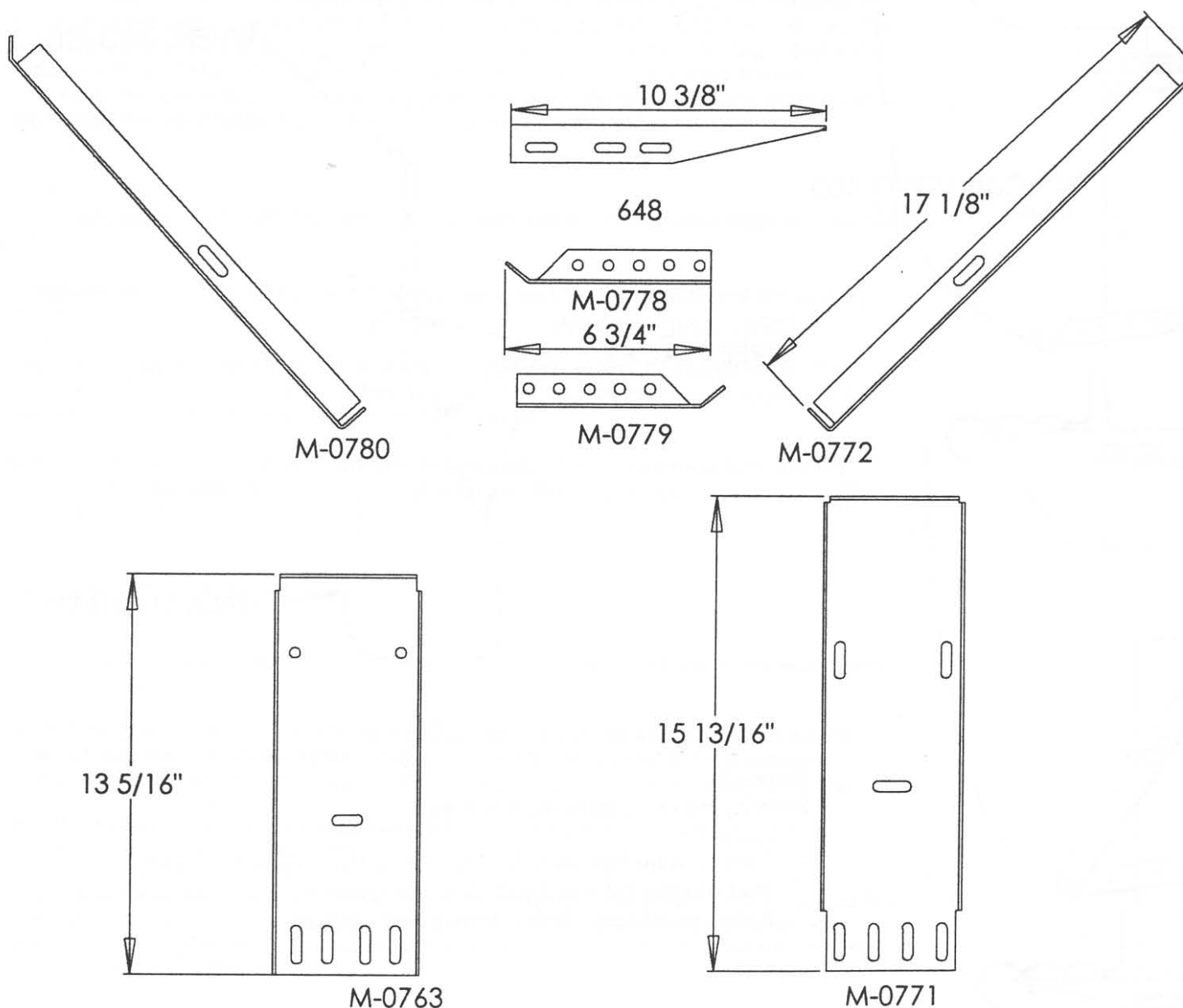
SPLASH GUARD

#### Section D

Securing the mud flap to the wheel wells.

1. Starting at the bottom drill a 1/8" hole in three places through the mud flap and the wheel well. Drill and secure each location with a # 8 sheet metal screw before drilling next location.

BOM MX RUNNING BOARDS BRITE & BLACK					
PART#	DESCRIPTION	MX-225-04	MX-225-04B	MX-244-04	MX-244-04B
DEM-131-164	20.5" BOARD	2			
DEM-131-164B	20.5" BLACK BOARD		2		
DEM-131-164	39" BOARD			2	
DEM-131-164B	39" BLACK BOARD				2
8130L	SPLASH GUARD	1	1	1	1
8130R	SPLASH GUARD	1	1	1	1
8132L	END CAP	1	1	1	1
8132R	END CAP	1	1	1	1
M-0763	FRONT BRACKET	2	2	2	2
M-0771	REAR BRACKET	2	2	2	2
M-0772	17 3/4" ANGLE	1	1		
M-0778	6 7/8" ANGLE	2	2	2	2
M-0779	6 7/8" ANGLE	2	2	2	2
M-0780	17 3/4" ANGLE	1	1		
648	10 3/8" CHANNEL	4	4	4	4
1116	BOLT PACK	1	1	1	1
1114B	BOLT PACK	2	2	2	2



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