EUROGUARD 50289(1-4-5)

INSTALLATION INSTRUCTIONS

TOYOTA TUNDRA 2 & 4 X 4 07 - 11

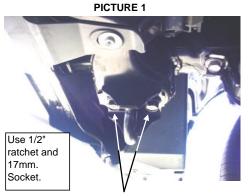
Parts list			Required tools (Not included)		
Ítem	Qty.	Code Description	Máx. torque	Qty. Description	
1	1	Euroguard		1 17 mm. Socket / Wrench	
2	1	1 Main bracket set		1 3/4" Socket / Wrench	
3	1	Upper bracket set		1 14 mm. Socket / Wrench	
4	1	Auxiliary bracket's complement set		1 9/16" Socket / Wrench	
5	4	1/2 x 1 1/4" Carriage hea	ad bolt 75 Lb.Ft.	1 Ratchet	
6	2	3/8 x 1 1/4" Carriage hea	ad bolt 31 Lb.Ft.	1 Ratchet extension	
7	4	1/2" Lock nut	75 Lb.Ft.	BRACKETS ILLUSTRATION	
8	2	3/8" Hex nut	31 Lb.Ft.		
9	4	1/2" Flat washer		0	Common Co
10	4	3/8" Flat washer			
11	2	Bolt plate	31 Lb.Ft.		Bolt plate
12	2	3/8 x 1 1/2" Hex head bo	olt 31 Lb.Ft.	 Main bracket. (Deconger side.) 	
13	4	3/8" Lock washer		 (Passenger side) 	
14	2	3/8" Hex nut	31 Lb.Ft.	-	A
	MODUL	AR EUROGUARD INCLUDES EXTRA:			
	1	Brush guard set			
	2	Flat rubber gaskets			Auxiliary
	4	3/8 x 1 1/2" Button allen he	ad bolts		bracket's
	4	3/8" Flat washer		Upper bracket	
	4	3//8" Lock nut			complement
			Instructions		

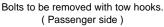
1. Before beginning the installation, please read all directions carefully and verify that all necessary hardware is accounted for. If any parts are missing, stop the installation and contact your distributor inmediatelly.

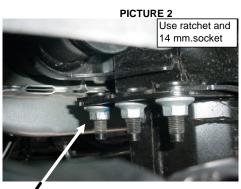
- 2. To maintain and care this product keep it clean and do not use abrasive cleaners or polish waxes. We recommended to use only non-abrasive automotive wax such as pure carnauba to avoid scratches and rust.
- 3. The approximate installation time is 60 min.

4. Remove the bolts that attach the tow hooks to the frame. Repeat process for opposite side. SEE PICTURE 1.

5. Install the main bracket and tow hooks in the same tow hooks lacation, attach with the original tow hooks bolts. Do not tighten yet. Repeat process for opposite side.







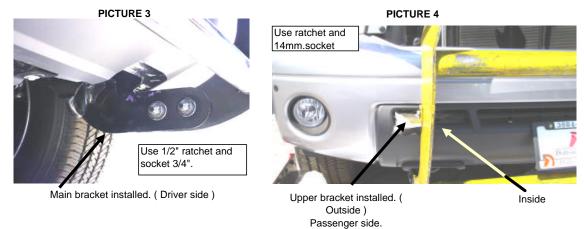
Remove this nut to install the upper bracket. Driver side.

- 6. Open the hood, in bottom part of the radiator locate the frame and the 3 factory bolts on top of the frame. To install auxiliary bracket it will be necessary to remove nut of upper bolt, put auxiliary bracket in this bolt and install it using same nut. SEE PICTURES 2 Do not tighten yet. Repeat process for opposite side.
- 7. Install the euroguard over main brackets using (x 2) 1/2 x 1 1/4" carriage head bolt, (x 2) 1/2" flat washer and (x 2) 1/2" lock nuts, on each side. Do not tighten yet. **SEE PICTURE 3**.

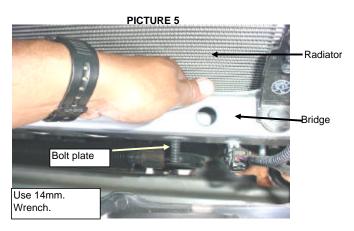
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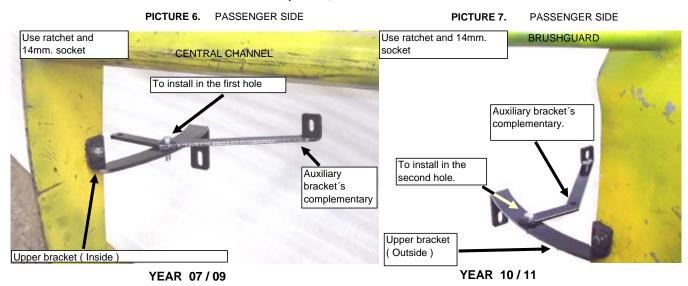
8. Attach auxiliary bracket to the euroguard using (x 1) 3/8 x 1 1/4" carriage head bolt, (x 1) 3/8" flat washer and (x1) 3/8" lock nut. On each side, do not tighten yet. SEE PICTURE 4.



NOTA: For vehicles from 07 - 09' the upper bracket goes in the (Inside) part of the upright. SEE PICTURE 6. For vehicles from 10 / 11' the upper bracket goes in the (Out side) part of the upright. SEE PICTURE 7.



9. To install complementary bracket, put inside the bolt with rod beetween radiator and bridge and stick it in large drill. SEE PICTURE 5. Put the complementary bracket and fix with a flat washer, lock washer and 3/8" nut on one corner, on the other side fix to the auxiliary bracket with 3/8 x 1 1/2" bolt in the screwed drill of auxiliary bracket, SEE PICTURE 6 & 7.



EUROGUARD

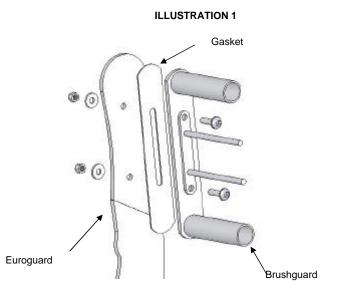
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10. On modular version, install brushguard using pre-installed brushguard bolts.Do not tighten yet. SEE ILLUSTRATION 1.





EUROGUARD INSTALLED