

CLASS 8 KENWORTH T800 (1987-CURRENT)

APPLICATION GUIDE

- **1987-2004** HAS A 4-BOLT HOLE PATTERN WITH THE DUAL RECEIVERS LOCATED IN THE UPPER PORTION OF THE BUMPER.
- **2005-CURRENT** HAS A 3-BOLT HOLE PATTERN WITH THE DUAL RECEIVERS LOCATED IN THE LOWER PORTION OF THE BUMPER.

THE MOUNTING BRACKET FOR THIS GRILLE GUARD CAN FIT EITHER STYLE T800. THE CUT OUT FOR THE OTHER STYLE SIMPLY WILL NOT BE USED.

THIS GRILLE GUARD IS DESIGNED FOR NO DRILL APPLICATIONS USING THE 3 OR 4-BOLT HOLE PATTERN PER SIDE GENERALLY ASSOCIATED WITH THE DUAL RECEIVERS FOR TOW HOOKS. THIS 3 OR 4-BOLT HOLE PATTERN IS NOT THE DIAMOND STYLE HOLE PATTERN FOUND ON SOME T800'S. IF YOU HAVE THE DIAMOND PATTERN OR ANY OTHER PATTERN, YOU WILL NEED TO DRILL. IF YOU ARE UNSURE WHAT PATTERN YOU HAVE OR HAVE QUESTIONS PLEASE CONTACT US AT 1-800-533-5328.

- **KENWORTH T800 WITH STRAIGHT CHROME BUMPER:** THIS GRILLE GUARD WILL BOLT DIRECTLY ON THE VEHICLE WITHOUT DRILLING.
NOTE: IF YOU HAVE FACTORY FOG LIGHTS, THE LOWER PART OF THE END WINGS ON THE GRILLE GUARD WILL PARTIALLY COVER THE FACTORY FOG LIGHTS.
NOTE: IF YOU HAVE A CENTER MOUNTED TOW HOOK, YOU WILL NEED TO CUT A PORTION OUT OF THE LOWER 3" TUBE ON THE GRILLE GUARD TO CLEAR THE TOW HOOK.
PLEASE CALL 1-800-533-5328 SO WE CAN PROMPTLY SEND YOU BLACK PLASTIC CAPS TO BE INSERTED IN THE 3" TUBES.
- **KENWORTH T800 WITH TAPERED CHROME BUMPER & COLORED PLASTIC BUMPER:** THIS GRILLE GUARD WILL BOLT DIRECTLY ON THE VEHICLE WITHOUT DRILLING.
NOTE: IF YOU HAVE A CENTER MOUNTED TOW HOOK, YOU WILL NEED TO CUT A PORTION OUT OF THE LOWER 3" TUBE ON THE GRILLE GUARD TO CLEAR THE TOW HOOK.
PLEASE CALL 1-800-533-5328 SO WE CAN PROMPTLY SEND YOU BLACK PLASTIC CAPS TO BE INSERTED IN THE 3" TUBES.
- **KENWORTH T800 WITH WIDE HOOD:** KENWORTH T800 WIDE HOOD CONFIGURATIONS ARE VERY LIMITED AND THEREFORE WE HAVE NEVER FIT THIS GRILLE GUARD ON A T800 WIDE HOOD. HOW TO MOUNT WILL BE DETERMINED BY THE END USER, IF IT IS EVEN POSSIBLE TO MOUNT.
- **KENWORTH T800 HIGH HOOD:** THE ONLY DIFFERENCE BETWEEN THE HIGH HOOD AND THE FIRST TWO CONFIGURATIONS ARE THE HEIGHT OF THE HOOD. THIS GRILLE GUARD WILL NOT BE AS TALL AS THE HIGH HOOD AND WILL BLOCK PART OF THE RADIATOR. ALL "NOTES" APPLY FROM THE FIRST TWO ALSO.

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INSTALLATION INSTRUCTIONS

1. PLEASE READ ALL INSTRUCTIONS COMPLETELY AND CAREFULLY PRIOR TO INSTALLATION.
2. REMOVE THE TWO PINS, WHICH HOLD THE MOUNTING BRACKETS TO THE GRILLE GUARD AND SET ASIDE THE MOUNTING BRACKETS.
3. REMOVE THE 3 OR 4 BOLTS, NUTS, AND WASHERS FROM ONE SIDE OF THE BUMPER FIRST. THERE IS ALSO A 1-PIECE SPACER BEHIND THE BUMPER FOR THE TOP BOLTS, ON THE 4-BOLT PATTERN, DO NOT LOOSE THIS! **CAUTION: DO NOT REMOVE ALL 8 BOLTS FROM THE FRONT OF THE TRUCK AT THE SAME TIME OR THE BUMPER WILL FALL OFF!**
4. USING THE SUPPLIED HARDWARE, ATTACHED THE CORRESPONDING SIDE MOUNTING BRACKET TO THE BUMPER (BOLT & WASHER OUTSIDE, NUT & WASHER INSIDE). DO NOT FULLY TIGHTEN YET, SNUG THEM UNTIL THE OTHER SIDE HAS BEEN COMPLETED FIRST.
5. REPEAT PROCESS UNTIL BOTH BRACKETS ARE INSTALLED AND LOOSE ON VEHICLE FOR ALIGNMENT.
6. ATTACH THE GRILLE GUARD TO THE MOUNTING BRACKETS AGAIN BY USING THE MACHINE AND HAIR PINS.
7. ALIGN AND ADJUST GRILLE GUARD TO THE CONTOURS AND LINES OF THE TRUCK SIDE TO SIDE AND/OR UP AND DOWN USING THE SLOTS IN THE GRILLE GUARD MOUNTING BRACKETS.
8. OPEN AND CLOSE THE GRILLE GUARD TO ENSURE PROPER ALIGNMENT OF THE LATCHES.
9. TIGHTEN THE BOLTS AND/OR NUTS FIRMLY.
10. CONFIRM ALIGNMENT AGAIN AFTER COMPLETELY TIGHTENED, IF THE LATCH HITS THE STRIKER PIN TO MAKE IT DIFFICULT TO CLOSE ADJUST MOUNTING BRACKETS ACCORDINGLY, DO NOT FORCE THE GUARD TO CLOSE IF IT IS NOT ALIGNED PROPERLY.

APPROXIMATE INSTALL TIME: 20-30 MINUTES

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OPERATING INSTRUCTIONS

ONCE THE GUARD HAS BEEN INSTALLED PROPERLY, THE GUARD MUST BE MANUALLY LOWERED AND RAISED FOR THE HOOD TO OPEN AND CLOSE. THE HOOD CAN NOT BE OPENED WITH THE GUARD IN THE CLOSED POSITION.

OPENING HOOD

1. APPLY PRESSURE WITH SHOULDER TO ONE OF THE CROSS TUBES WHILE REACHING BEHIND UPRIGHTS WITH BOTH HANDS, (ONE HAND FOR EACH UPRIGHT) AND RELEASE BOTH LEFT AND RIGHT LATCH LEVERS.
2. HANGING ON TO THE CENTER RING OF THE GUARD, SLOWLY WALK AWAY FROM TRUCK AS THE GUARD LOWERS TO THE STOPS.
3. WITH THE GUARD OPEN PARALLEL TO THE GROUND, STEP THROUGH THE GUARD, NOT ON THE GUARD, TO THE HOOD AND OPEN THE HOOD AS USUAL. WHILE OPENING THE HOOD, BE CAREFUL WHILE WALKING BACK FROM THE TRUCK TO ONCE AGAIN STEP OVER THE GUARD AND NOT ON THE GUARD.

CLOSING HOOD

1. CLOSE THE HOOD AS USUAL, REMEMBERING TO STEP THROUGH THE GUARD AND NOT ON THE GUARD.
2. LIFT THE GUARD BY THE CENTER RING AND APPLY PRESSURE TO THE TOP OF THE CENTER RING UNTIL THE RUBBER BUMPERS IN THE MOUNTING BRACKETS COMPRESS AND THE LATCHES CLICK TO THE SECOND SETTING.

REMOVING GUARD

1. IF THE GRILLE GUARD EVER NEEDS TO BE REMOVED FROM THE TRUCK LOWER THE GUARD TO THE OPEN POSITION.
2. CAREFULLY REMOVE THE 2 HAIR PINS FROM THE BOTTOM OF THE GUARD.
3. AFTER BOTH HAIR PINS HAVE BEEN REMOVED, SUPPORT THE GUARD AND REMOVE THE HINGE PINS FROM BOTH UPRIGHTS.
4. THE GUARD IS NOW UNATTACHED FROM THE TRUCK.

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DAMPENER ADJUSTING INSTRUCTIONS

THE DAMPENER IS SET AT THE FACTORY, TO APPROXIMATELY 3-9/16" FROM THE INSIDE SURFACE OF THE CHANNEL TO THE FACE OF THE DAMPENER, BUT SHOULD IT EVER NEED TO BE ADJUSTED, FOLLOW THESE STEPS:



(FACTORY SET TO APPROXIMATELY 3-9/16")

1. REMOVE THE DAMPENER AND THE WASHER.
2. ADJUST THE NYLOCK NUT, BEHIND THE DAMPENER, IN OR OUT AS REQUIRED.
3. REINSTALL THE DAMPENER AND THE WASHER.
4. DO THE SAME FOR THE OPPOSITE SIDE.
5. IF THE DAMPENER IS TOO LOOSE, THERE WILL BE EXCESSIVE PLAY IN THE GUARD CAUSING IT TO VIBRATE
6. IF THE DAMPENER IS TOO TIGHT THERE WILL BE EXCESSIVE PRESSURE ON THE LATCH MAKING IT DIFFICULT TO OPEN AND CLOSE.

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SERVICE PARTS LIST

ITEM	PART NO.	QTY	DESCRIPTION
1	100104	2	BOLT - CARRIAGE, 1/2-13 X 3-1/2, FT, ZP
2	105256	2	BUMPER - ELASTOMER, BLACK, 2.00
3	100159	2	HAIR PIN - 9GA, ZP
4	105263	2	MACHINE PIN - Ø5/8 X 3-5/8, ZP
5	205142	1	MOUNTING BRACKET - LH
6	205143	1	MOUNTING BRACKET - RH
7	205126	1	MOUNTING BRACKET WELDMENT - RH
8	205127	1	MOUNTING BRACKET WELDMENT - LH
9	105254	2	NUT - CAP (ACORN), 7/16-14, SST
10	105655	4	NUT - NYLOCK, 9/16-12, SST
11	105654	2	NUT - NYLOCK, 1/2-13, ZP
12	106022	8	NUT - NYLOCK, M12 X 1.75, SST
13	100123	2	NUT - SERRATED FLANGE, 1/2-13, ZP
14	205131	1	RING WELDMENT - SST
15	105223	1	ROTARY LATCH - LH
16	105222	1	ROTARY LATCH - RH
17	100647	6	SCREW - HHC, 5/16-18 X 1, ZP
18	105656	4	SCREW - HHC, 9/16-12 X 1-1/2, SST
19	105107	4	SCREW - HHC, M12 X 1.75 X 55MM, ZP
20	103440	4	SCREW - HHC, M12 X 1.75 X 120MM, ZP
21	105261	1	STEP PAD - 31"
22	105224	2	STRIKER PIN
23	105257	2	WASHER - FLAT, 2.00 X 0.516 X 0.104, ZP
24	100081	16	WASHER - FLAT, 7/16, ZP
25	100140	2	WASHER - FLAT, 9/16, ZP