

TOW BAR FIELD KIT
PART NO. A-8500

WILLYS MODEL M.B. 1/4 TON 4 x 4
FORD MODEL G.P.W. 1/4 TON 4 x 4

List of Parts Required

<u>No. Req.</u>	<u>Part No.</u>	<u>Part Name</u>
1	A-7927	Tow bar and frame bracket assembly
2	A-6870	Spacer - front bumper gusset
1	A-8105	Tow bar grille bracket assembly
2	A-8103	Tow bar grille bracket hook
2	5121	Plain washer
4	5790	Nut - hex 1/4" - 20 thread
1	A-7811	Towing caution plate
4	53014	Screw - round head #6-32 thread x 5/16"
4	53013	Nut #6-32 thread
1	A-7881	Pintle hook reinforcing plate
1	A-9183	Installation instructions

List of Tools Required

2	1/2" open end wrench
1	7/16" open end wrench
2	5/8" open end wrench
1	punch to enter 5/16" hole
1	hammer
1	pliers
1	screw driver - 6"
1	electric drill
1	5/32" drill

Installation Instructions

This kit provides the parts necessary to equip the 1/4 ton vehicle with a tow bar for tandem operation.

First remove the bumper assembly discarding the bumper bar for salvage. The bolts and nuts used to mount the bumper are used to install the tow bar.

Place the tow bar and frame bracket assembly Part No. A-7927 in position with the tow bar brackets over the frame bumper gussets and with the bracket holes in alignment with the bumper mounting holes. Attach the tow bar loosely at the two end holes using the bolts, spacers and nuts originally used to mount the bumper. Install the other two bolts in the two inner holes using the two new spacers Part No. A-6870 supplied. Tighten all four nuts firmly in position.

Next install the tow bar grille bracket assembly, Part No. A-8105. This bracket is held in place on the grille by the two tow bar grille bracket hooks, Part No. A-8103. Lay the tow bar against the grille to determine the correct position for mounting the bracket. When correctly located attach the bracket to the grille using the two hook bolts with plain washer, Part No. 5121, against the outside face of the bracket. Install the hooks in the notches at the rear edge of the grille bar. Use four nuts, Part No. 5790. Clamp the bracket firmly in place with two of the nuts and use the other two as lock nuts.

Install the pintle hook reinforcing plate Part No. A-7881. This is placed in the channel of the rear frame reinforcement under the nuts which attach the pintle hook. Remove the four nuts and lockwashers and place the reinforcement in position. Replace the nuts and washers drawing them tight. This reinforcement is designed to have 1/16" drawup when assembled.

To complete the installation, mount the towing caution plate Part No. A-7811 on the instrument panel. Locate it in line with the other plates and to the left. Use the plate as a template

and drill the four holes $5/32$ " in diameter. Fasten the plate in position with four round head machine screws No. 6-32 thd. x $5/16$ " Part No. 53014 and four nuts Part No. 53013.

Installation Instructions

Part No. A-9183

DO NOT SCALE DWG.

TOW BAR GRILLE
BRACKET PART No. A-8105

USE GRILLE BRACKET HOOK
PART NO. A-8103 PLAIN WAS-
HER PART NO. 5121 AND TWO
NUTS PART NO. 5790 ON
EACH BRACKET HOOK

A-7927 Tow
BAR AND
BRACKET
ASSEMBLY

USE BOLT NUT
AND SPACER
ORIGINALLY
USED TO MOUNT
BUMPER

USE BOLT NUT ORIGINALLY
USED TO MOUNT BUMPER
AND NEW SPACER PART
No. A-6870

USE BOLT AND
NUT & SPACER
ORIGINALLY
USED TO MOUNT
BUMPER

