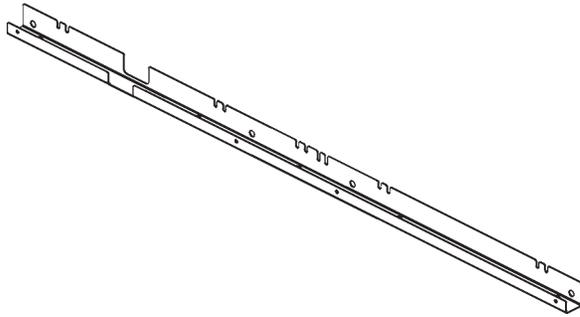
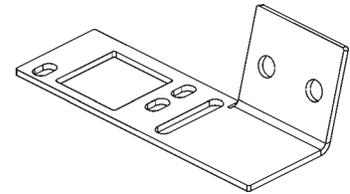
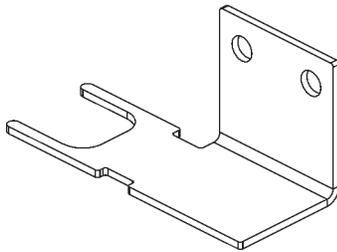


INSTRUCTIONS, ME2 BACKUP BAR KIT**FORD F-150 KIT P/N 296845-01****FORD F-150 KIT (GALVANIZED) P/N 296845-01G**

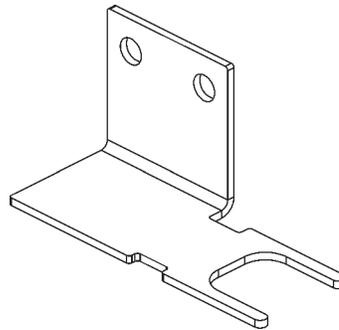
BACKUP BAR, 55-1/2" LG.
P/N 296844-01,
BACKUP BAR, 55-1/2" LG. (GALVANIZED)
P/N 296844-01G
QTY. 1



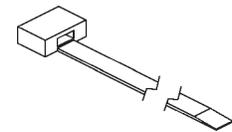
BRACKET, 1-1/4" X 1-1/4"
P/N 296842-01
QTY. 1



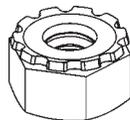
BRACKET, LH, 1-1/4" X 1-7/16"
P/N 296841-01
QTY. 2



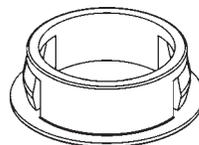
BRACKET, RH, 1-1/4" X 1-7/16"
P/N 296841-02
QTY. 2



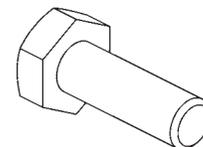
PLASTIC TIE
P/N 205780
QTY. 5

BACKUP BAR BOLT KIT**P/N 296843-01**

NUT, 10-24
P/N 903163-02
QTY. 14

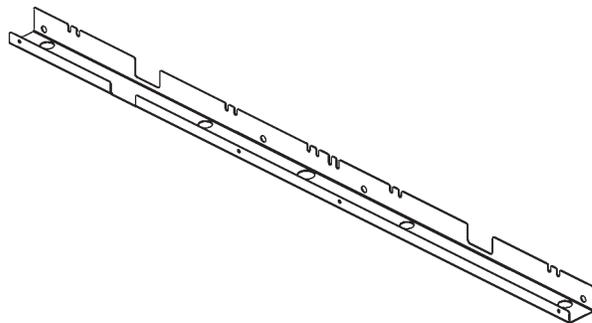


NYLON PLUG, 1"
P/N 908081-05
QTY. 4

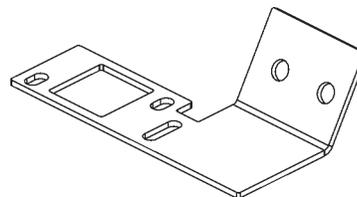


SCREW, HEX CAP, 1/4"-20 X 3/4" LG.
P/N 900788-02
QTY. 14

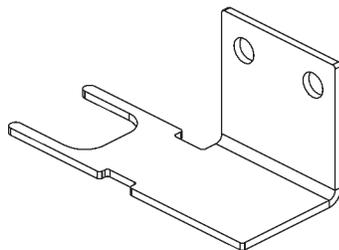
FORD SUPER DUTY KIT P/N 297430-01
FORD SUPER DUTY KIT (GALVANIZED) P/N 297430-01G



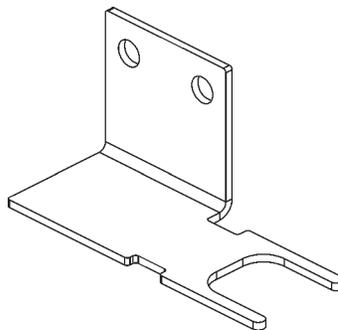
BACKUP BAR, 55-1/2" LG.
P/N 297431-01,
BACKUP BAR, 55-1/2" LG. (GALVANIZED)
P/N 297431-01G
QTY. 1



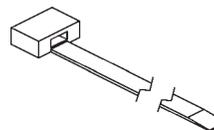
CAMERA BRACKET, FORD SUPER DUTY
P/N 297432-01
QTY. 2



BRACKET, LH, 1-1/4" X 1-7/16"
P/N 296841-01
QTY. 2

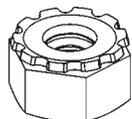


BRACKET, RH, 1-1/4" X 1-7/16"
P/N 296841-02
QTY. 2

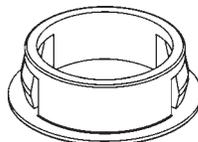


PLASTIC TIE
P/N 205780
QTY. 5

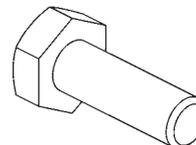
BACKUP BAR BOLT KIT
P/N 296843-01



NUT, 10-24
P/N 903163-02
QTY. 14

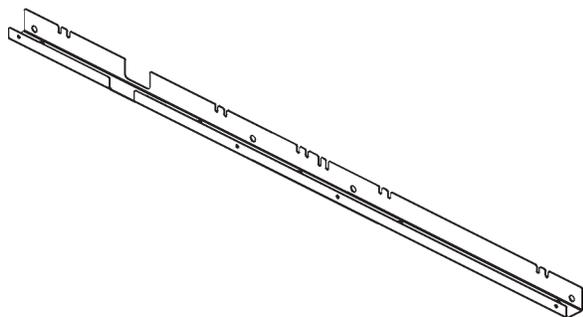


NYLON PLUG, 1"
P/N 908081-05
QTY. 4

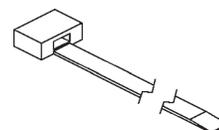


SCREW, HEX CAP, 1/4"-20 X 3/4" LG.
P/N 900788-02
QTY. 14

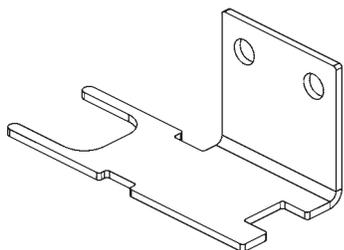
GM 1500 / CHEVROLET KIT P/N 296850-01
GM 1500 / CHEVROLET KIT P/N (GALVANIZED) 296850-01G



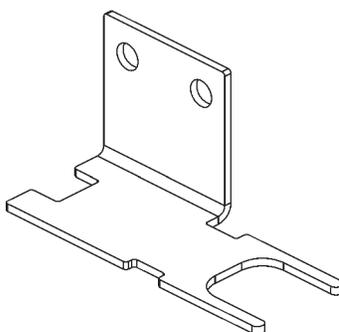
BACKUP BAR, 55-1/2" LG.
P/N 296844-01,
BACKUP BAR, 55-1/2" LG. (GALVANIZED)
P/N 296844-01G
QTY. 1



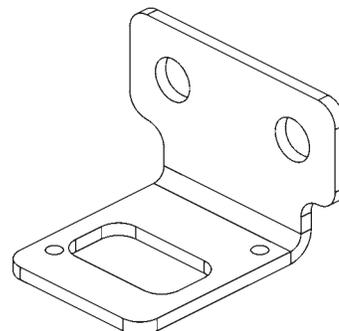
PLASTIC TIE
P/N 205780
QTY. 5



BRACKET, LH, 1-1/4" X 1-7/16"
P/N 296841-03
QTY. 2

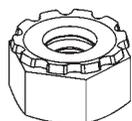


BRACKET, RH, 1-1/4" X 1-7/16", RH
P/N 296841-04
QTY. 2



BRACKET, 1-1/2" X 1"
P/N 296846-01
QTY. 1

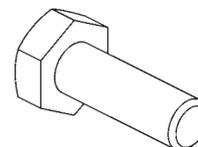
BACKUP BAR BOLT KIT
P/N 296843-01



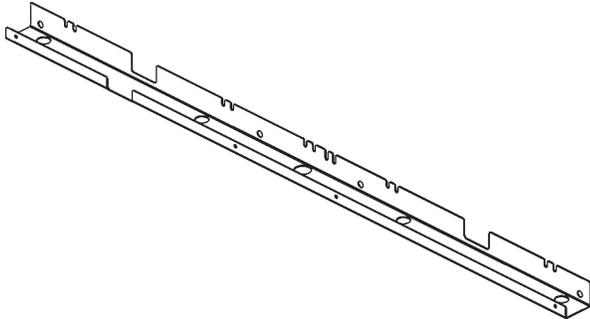
NUT, 10-24
P/N 903163-02
QTY. 14



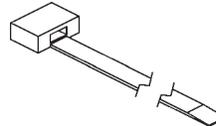
NYLON PLUG, 1"
P/N 908081-05
QTY. 4



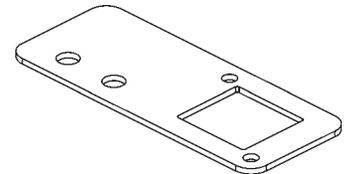
SCREW, HEX CAP, 1/4"-20 X 3/4" LG.
P/N 900788-02
QTY. 14

DODGE RAM KIT P/N 297840-01
DODGE RAM KIT P/N (GALVANIZED) 297840-01G

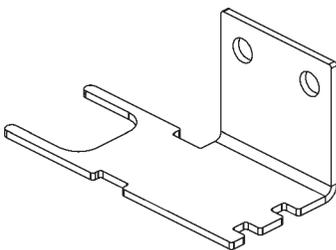
BACKUP BAR, 55-1/2" LG.
P/N 297431-01,
BACKUP BAR, 55-1/2" LG. (GALVANIZED)
P/N 297431-01G
QTY. 1



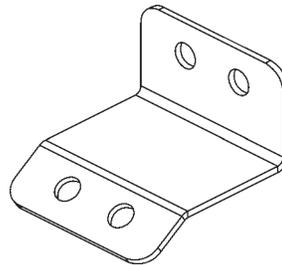
PLASTIC TIE
P/N 205780
QTY. 5



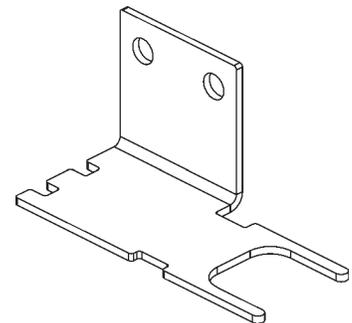
CAMERA BRACKET
P/N 297893-01
QTY. 1



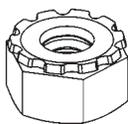
SENSOR BRACKET, LH
P/N 297892-01
QTY. 2



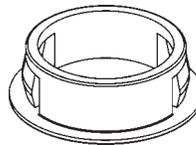
SUPPORT CAMERA BRACKET
P/N 297894-01
QTY. 1



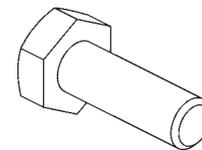
SENSOR BRACKET, RH
P/N 297892-02
QTY. 2

BACKUP BAR BOLT KIT
P/N 297841-01

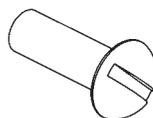
NUT, 10-24
P/N 903163-02
QTY. 16



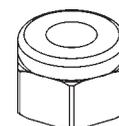
NYLON PLUG, 1"
P/N 908081-05
QTY. 4



SCREW, HEX CAP, 1/4"-20 X 3/4" LG.
P/N 900788-02
QTY. 16



SCREW, 8-32 X 1/2" LG.
P/N 901211-06
QTY. 2



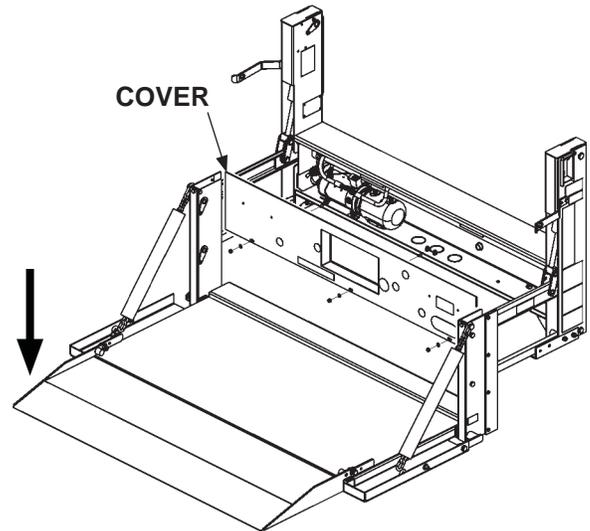
LOCK NUT, 8-32
P/N 901006
QTY. 2

⚠ WARNING

Relocating the factory installed camera may result in inaccurate gridlines on the display screen. Operate with caution and always check surroundings before putting the vehicle in reverse.

1. Lower Liftgate to ground (**FIG. 5-1**) and remove cover.
2. Disconnect ground (-) battery cable from vehicle battery.
3. Remove backup camera and wire harness from tailgate and set aside.
4. If equipped, remove backup sensors and wire harness from bumper and set aside.

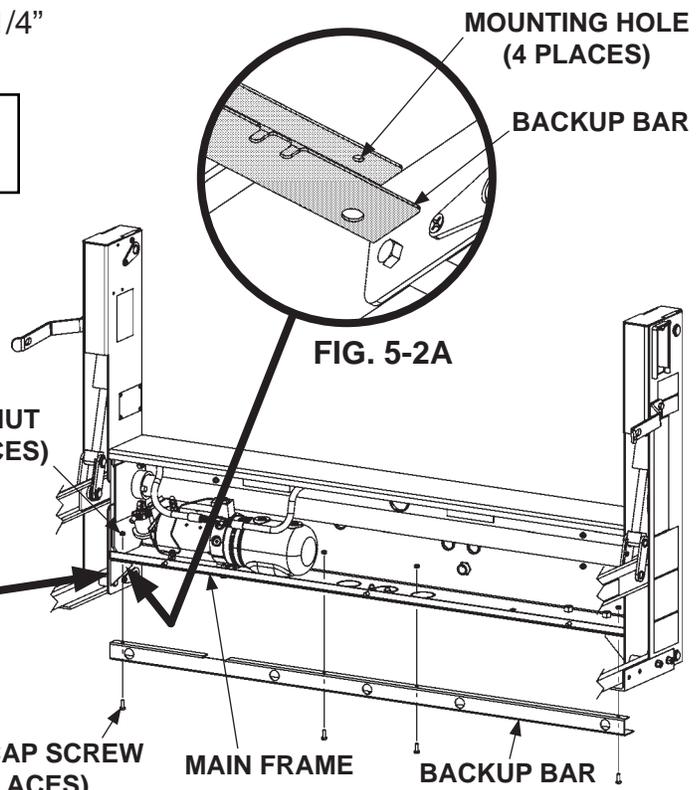
NOTE: Check for interference when positioning backup bar under the Liftgate before drilling holes.



**LOWERING LIFTGATE TO GROUND
FIG. 5-1**

5. Position backup bar (Kit item) underneath the Liftgate on the mainframe as shown in **FIG. 5-2**.
6. Use backup bar as a template and drill (4) 1/4" holes through the mainframe (**FIG. 5-2A**).

NOTE: If gusset covers sensor hole (**FIG. 5-2B**), grind gusset to clear hole.



**INSTALLING BACKUP BAR
FIG. 5-2**

7. Install backup bar to the bottom of the Liftgate with cap screws (Kit items) and nuts (Kit items) (**FIGS. 5-2 and 5-2A**).

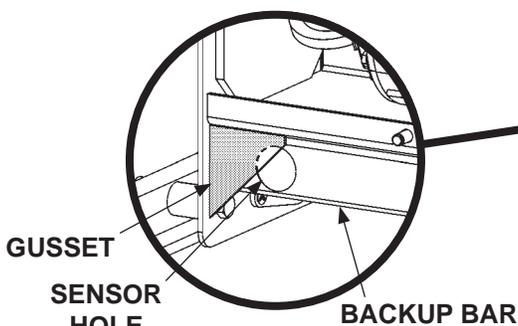
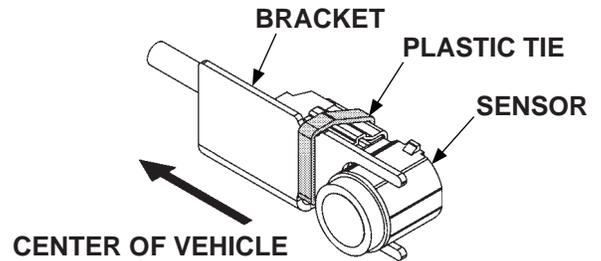


FIG. 5-2B

8. Route wire harness from the vehicle to the bottom of the mainframe.
9. Connect backup camera and each sensor (if equipped) to wiring harness.

NOTE: Sensor wires (if equipped) should be routed towards center of the vehicle.

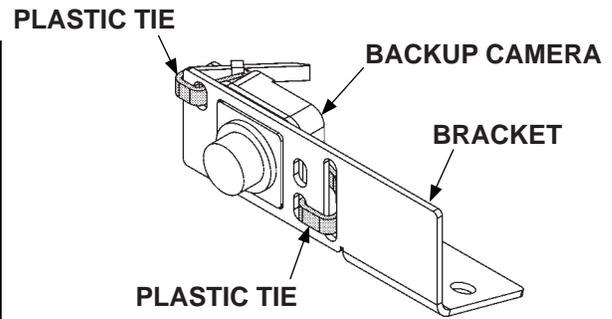
10. If equipped, position sensors in the brackets (Kit items) and secure with plastic ties (Kit items) (**FIG. 6-1**).



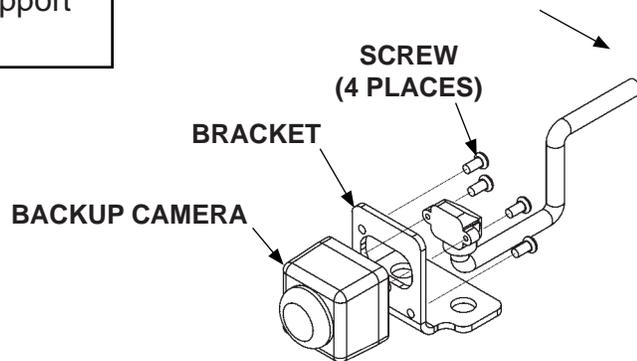
**POSITIONING SENSOR IN BRACKET
(RH SIDE SHOWN)
FIG. 6-1**

NOTE: Ford kits use plastic ties (Kit items) to secure backup camera to the bracket. For the GM and Chevrolet kits, use the original backup camera screws to fasten camera to bracket. If unable to use the original screws, use plastic ties (Kit items) to fasten camera to bracket.
Dodge kits use 8-32 x 1/2" LG. screws (Kit items) to fasten camera to bracket, and 1/4"-20 x 3/4" LG. screws (Kit items) to fasten support bracket to camera bracket.

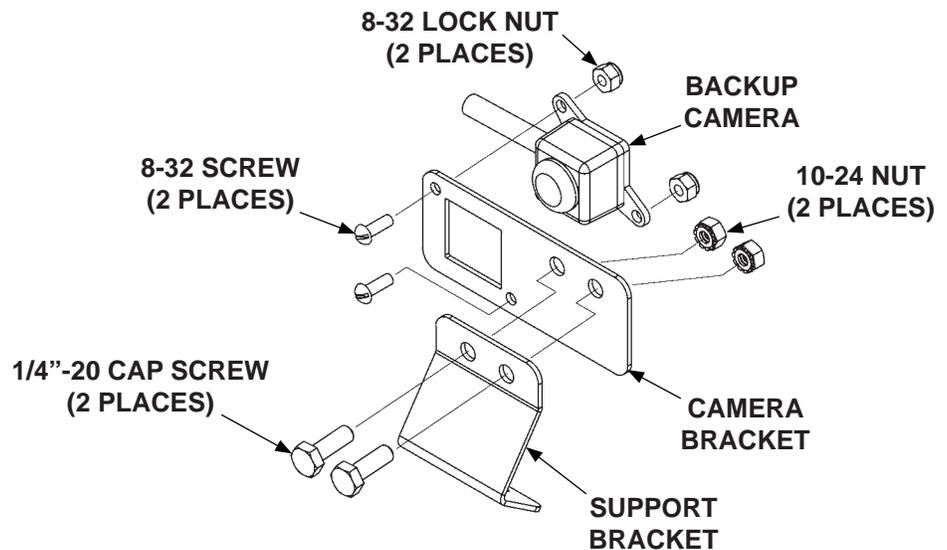
11. Attach backup camera to the camera bracket (Kit item) with plastic ties (Kit items) (FIG. 7-2) or screws (FIG. 7-3).



**ATTACHING CAMERA BRACKET
(FORD KITS)
FIG. 7-1**

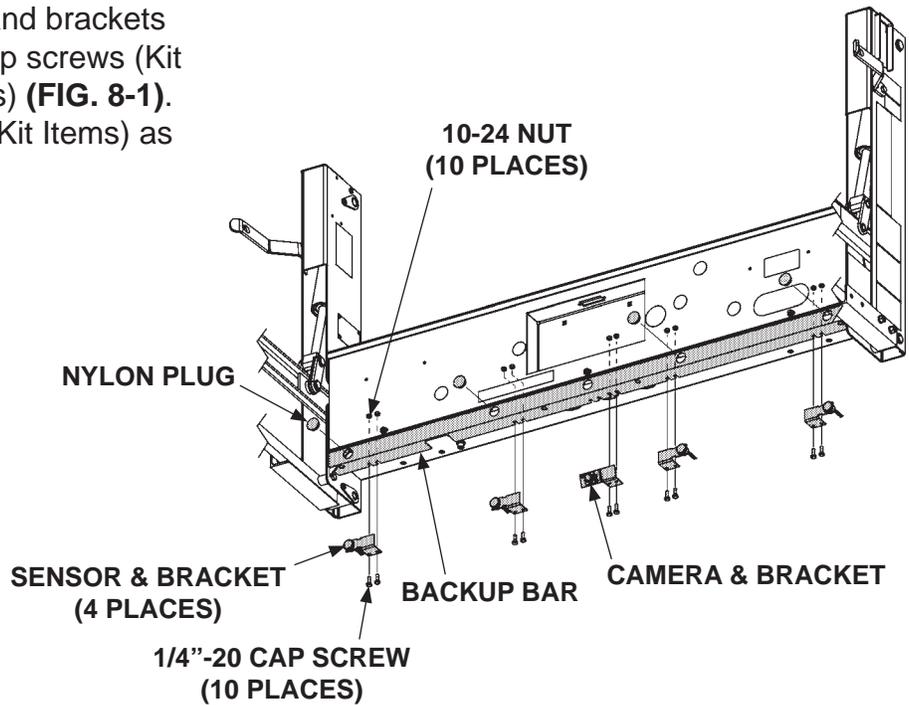


**ATTACHING CAMERA BRACKET
(GM AND CHEVROLET KITS)
FIG. 7-2**



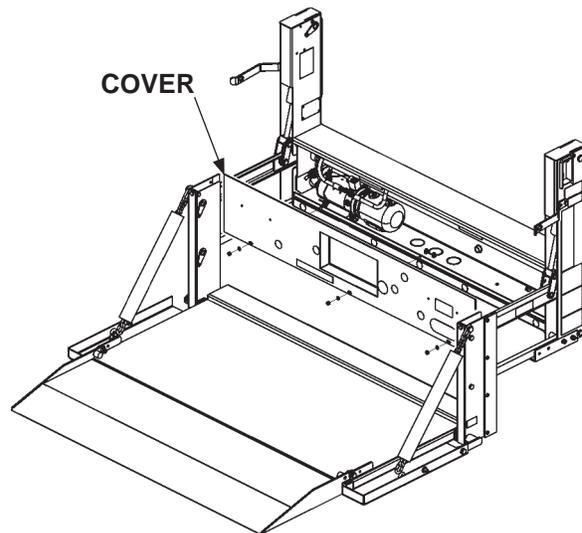
**ATTACHING CAMERA BRACKET
(DODGE KITS)
FIG. 7-3**

12. Install sensors, camera and brackets in the backup bar with cap screws (Kit items) and nuts (Kit items) (**FIG. 8-1**). Then insert nylon plugs (Kit Items) as shown in **FIG. 8-1**.



INSTALLING BRACKETS
FIG. 8-1

13. Secure wiring harness in backup bar with plastic ties (Kit items).
14. Replace cover on mainframe (**FIG. 8-2**).
15. Reconnect ground (-) battery cable to vehicle battery.



REPLACING COVER
FIG. 8-2