



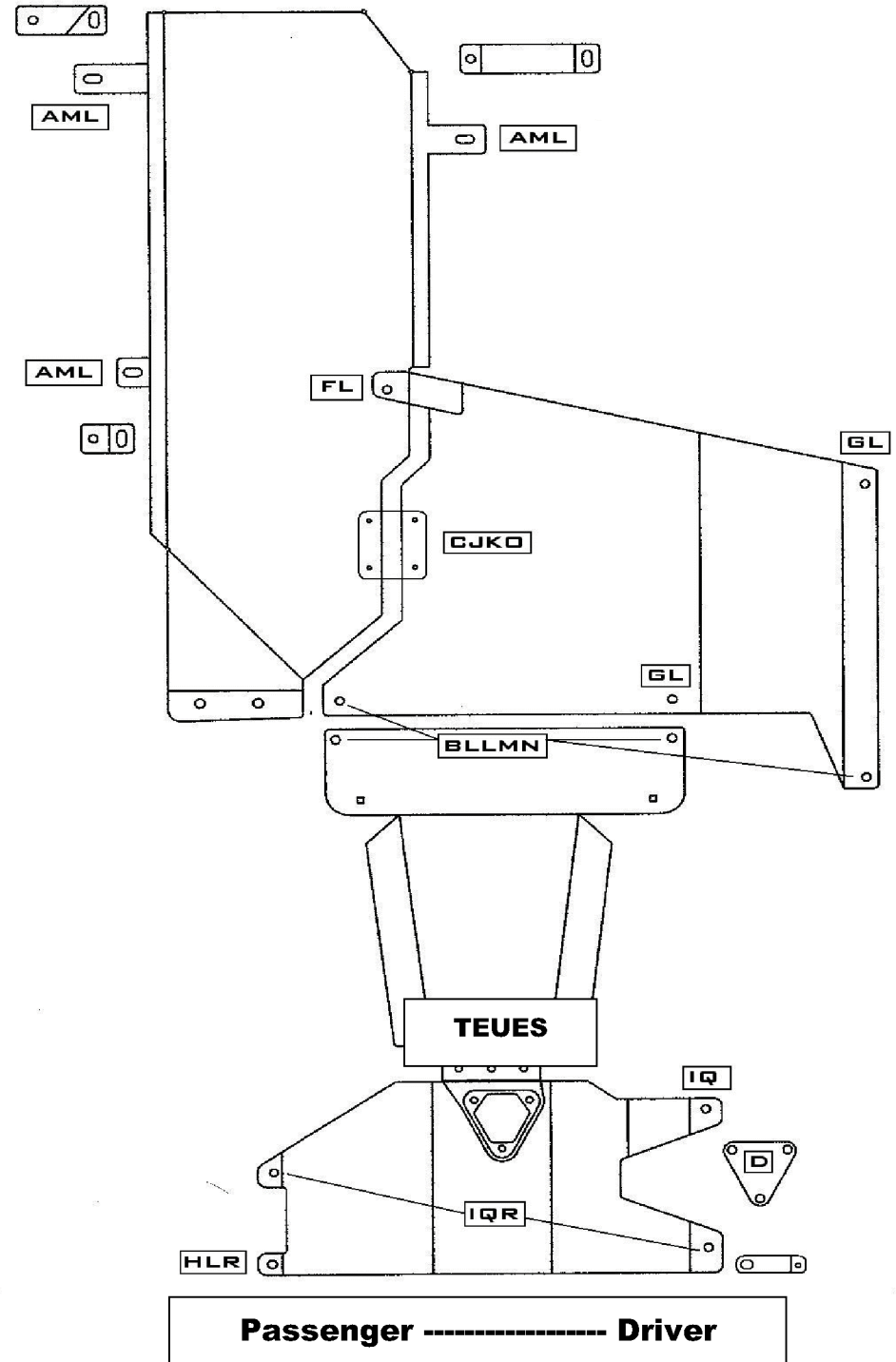
**JK**

(2 DOOR)

**SKID SYSTEMS**

**HARDWARE LIST**

- A. (3) 1/2" x 1" hex head
- B. (4) 1/2" x 1 1/4" button head
- C. (4) 5/16" x 1" flush mount
- D. (3) 5/16" x 1/2" flush mount
- E. (2) 9/16" flat washers
- F. (1) M12 x 50mm button head
- G. (2) M12 x 40mm button head
- H. (1) M12 x 40mm (1.75tp)
- I. (3) M10 x 40mm
- J. (4) 5/16" flat washers
- k. (4) 5/16" lock washers
- L. (17) 1/2" flat washers
- M. (7) 1/2" lock washers
- N. (4) 1/2" nuts
- O. (4) 5/16" nuts
- Q. (3) M10 flat washer
- R. (3) 3/16" steel spacers
- S. (1) 9/16" lock nut
- T. (1) 9/16" x 3" bolt
- U. (2) rubber bushings and metal sleeve



## Installation Points

-For proper skid alignment be sure to first mount all the skids from front to back loosely. Next begin tightening the hardware working from the front to the back.

-Some minor trimming of the factory gas tank skid, as shown in the pictures on this page, is required to allow installation of the new gas tank skid.

-River Raider skids are designed to work with most long arm suspension systems. In some cases the skids must be modified to accommodate aftermarket suspension systems.

-A few extra  $\frac{1}{2}$ " holes must be drilled in the factory cross member to attach the skids.

-When attaching the oil pan skid be sure to install the provided  $\frac{3}{16}$ " steel spacers between the skid and the motor mounts. A small dab of grease or silicone can be used to help hold the spacers in place on the factory motor mounts, until the skid is bolted up.

-Make sure all factory threads are clean before installing new hardware. The use of thread locker is also recommended.

-Please consult the hardware list and skid diagram to identify the appropriate hardware for each mounting location. Note that each type of fastener corresponds to a letter on the diagram. A series of letters next to each hole indicates the hardware pieces needed at each location.

-For Jeeps equipped with automatic transmissions and the tow package, a small bracket is included to secure the tranny cooler lines as they pass by the oil pan skid. This bracket is installed with the driver's side front oil pan skid mounting hardware on the outside of the skid with the stud facing down. The factory plastic oil line retainer clip slides on to the stud to secure the lines as shown.

