

HTP 7-5-5 DL650 ENGINE GUARD



Thank you for purchasing Happy Trails products. Our products are proudly hand made in Boise Idaho, USA. If you have any questions or concerns about the installation of this product, please contact us directly at 1-800-444-8770 or e-mail installation@happy-trail.com.

Before you begin, place the bike on a hard level surface where you have room to work. Lay out the parts included in this kit and compare to the parts list on page 3 of these instructions. If any parts or hardware are missing, contact us immediately at the number or email listed above.

Step 1

Using a 6mm Allen Wrench, remove the frame bolts shown in Fig 1. They are located below the end of the seat and the fuel tank respectively.

Fig 1



Step 2

Hold the right side engine guard up to the frame of the motorcycle where the two bolts were removed during Step 1. Place M840S bolts with 5/16" flat washers through the engine guard and then place OD5/8, ID.319, L1/2 aluminum spacers onto the bolts before threading into the holes as shown in Fig 2. Tighten these bolts no more than finger tight.

Fig 2



Repeat this process on the left side of the motorcycle

Step 3

Next, insert two M825 bolts with flat washers through the holes in the crossmember in front of the motor as shown in Fig 3 to join the two sides of the engine guard. Secure with two flat washers and M8N nuts.

Fig 3



You may now tighten all bolts to 18ft/lbs.

HTP 7-5-5 DL650 ENGINE GUARD



Hardware List:

Right side Engine Guard
Left side Engine Guard

Recommended Tools:

-6mm Allen Wrench
-13mm Box End Wrench



6/17/13
Rev. 3
SH