



J36/B46 Walk-Behind Trowels

MULTIQUIP Low Speed Kit Installation Instructions

The following instructions are intended to assist the user in the installation of a replacement pulley and V-belt on a J36H90H (Honda GX270) or B46H11H (Honda GX340) power trowel. This conversion will change the trowel's performance characteristics from a high speed/low torque setting, ideal for final finishing, to a low speed/ high torque setting suited for floating applications. Please read all assembly instructions before installing the kit.

REQUIRED TOOLS

- Ratchet/Socket
- Hammer
- Flat-blade Screwdriver
- Allen-Wrench
- Straight-Edge

PARTS

Verify that all parts are accounted for. See Table 1 below.

Table 1. Low Speed Kit Parts				
Item	Qty.	Part No.	Description	Remarks
1	1	22587	Low Speed Service Kit	INCLUDES ITEMS 2 THRU 4
2	1	21140	Pulley AK54 X 3/4	
3	1	01523	V-Belt A28	
4	1	1477	Loctite™ #242	Blue

WORK SAFELY!

Only a **qualified service technician** with proper training should perform this installation. Follow all shop safety rules when performing this installation.

Place trowel in a clean work area that is free of dirt and debris. Position the trowel in a manner so that it will not slip or slide while the installation is being performed.

Reference Figure 1 when performing installation.

STEP 1: V-BELT COVER REMOVAL

1. Using a flat-blade screwdriver, remove the 3 retaining screws that secure the V-belt cover to the frame.

STEP 2: V-BELT REMOVAL

1. Next, remove the existing V-belt. Store V-belt in clean dry location where it will not be damaged.

STEP 3: LOWER PULLEY REMOVAL

1. Remove set screws securing lower pulley to gearbox shaft. Set set screws aside, they will be used later.

2. Remove lower pulley from engine shaft. A 3-jaw pulley puller may be required. Store pulley in clean, dry location where it will not be damaged.

STEPS 4 & 5: NEW LOWER PULLEY AND V-BELT INSTALLATION

1. Insert locking key into engine shaft keyway.
2. Place new lower pulley P/N 21140 onto gearbox shaft.
3. Install new V-belt P/N 01523 onto the trowel by placing it over the upper pulley and rotating the lower pulley until the V-belt slips into the lower pulley groove.
4. Using a straight-edge, align lower pulley with upper pulley. Verify belt is parallel to straight-edge.
5. Once correct alignment has been achieved, apply Blue Loctite™ 242 (P/N 1477) to the pulley retaining set screws.
6. Insert set screws into pulley housing. Tighten set screws securely.

STEP 6: V-BELT COVER INSTALLATION

1. Install V-belt cover onto frame. Secure with existing retaining hardware.

TESTING

1. Start trowel using starting procedures referenced in operator's manual. Verify that there is no gearbox engagement at idle (low speed).
2. If there is gearbox engagement, check lower pulley alignment.
3. In addition, verify that the V-belt is not smoking or making a screeching sound while the trowel is in operation. If either condition occurs, check alignment of V-belt/lower pulley.

NOTICE

Incorrect V-belt/pulley alignment can add to premature wear of the V-belt. **ALWAYS** make sure the V-belt and lower pulley have been aligned correctly.

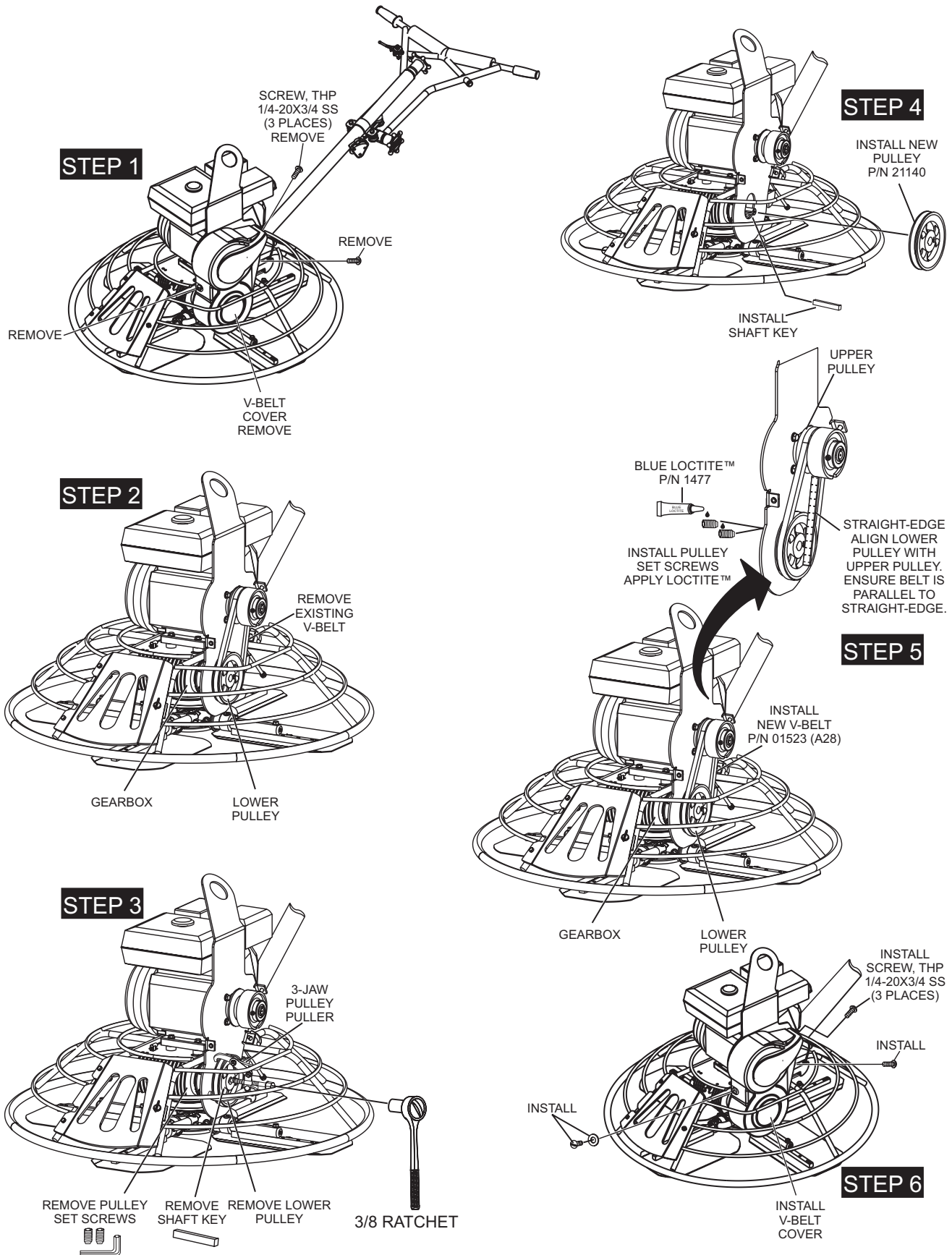


Figure 1. Installation Diagram

[illegible]

J36/B46 LOW SPEED KIT INSTALLATION INSTRUCTIONS

HERE'S HOW TO GET HELP

PLEASE HAVE THE MODEL AND SERIAL
NUMBER ON-HAND WHEN CALLING

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Service Department

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