



# TT444: CLEAR COAT BUFFING REPAIR INSTRUCTIONS

March 16, 2015



## SB-10057820-4094

APPLIES TO	SYMPTOMS
All 2015 and later Models with Gloss Paint Finish	• Cosmetic information

The PDI calls for the use of the 3M Finesse-it™ Clear Coat Repair Kit to repair minor paint defects and surface imperfections. This tech tip provides instructions for repairing such defects in the paint surface.

If sanding is required, lightly wet sand by hand with the sanding discs included in the 3M Finesse-it™ Clear Coat Repair Kit sold by Engman-Taylor Co., Inc. (Telephone 262-255-9300 or 800-236-1975 or online at [www.engman-taylor.com](http://www.engman-taylor.com)).

### NOTE

*Do not use the Nib Sander (Part No. 28737) on fine scratches.*

### Buffing Tool and Accessories

ITEM	PART NO.
3 inch pneumatic buffer	173347
3 inch Hookit™ backup pad	178972
3-3/4 inch Finesse-it™ foam buffing pad	109318
Finesse-it™ polish (purple, gallon)	111588
Detail cloth (yellow or white)	161031
1-1/4 inch A5 466LA Finesse-it™ sanding disc (125 per pkg)	161028



**Figure 1. Preparation for Repair and Saddlebag Lid with Clear Coat Scratches**

## NOTES

- Cover adjacent surfaces of the motorcycle and surrounding areas to minimize buffing compound splatter.
- Use a new or almost new 3-3/4 inch Finesse-it™ foam buffing pad for clear coat repair.

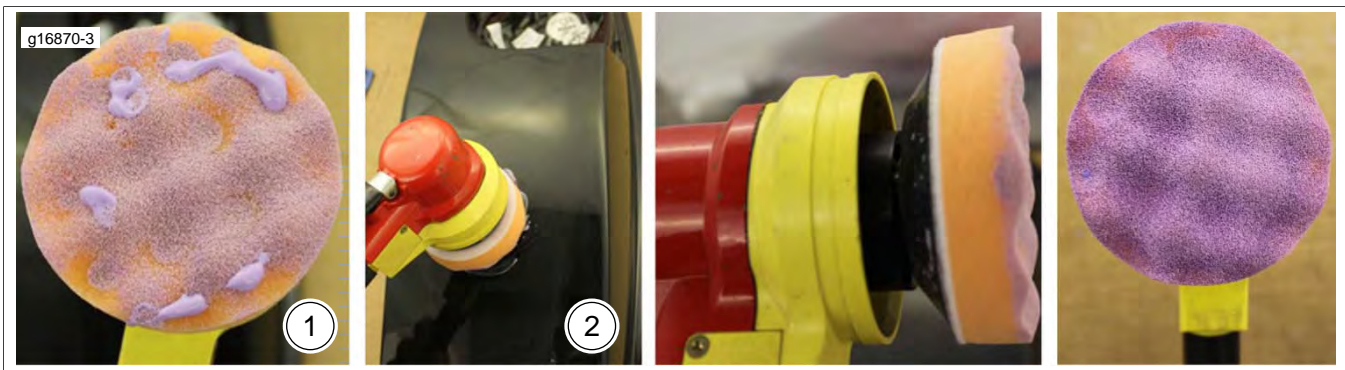
### Condition the Buffing Pad

1. See Figure 2. Apply a 0.25 in (6.35 mm) drop of purple polish to each dimple in buffing pad (1).
2. Work polish into buffing pad by hand (2).



**Figure 2. Apply Purple Polish to Buffing Pad**

3. Attach buffing pad to buffer.
4. See Figure 3. Apply additional polish to dry areas of buffing pad (1).
5. Manually work buffing compound into buffing pad by hand (2). Do not operate tool. Spread buffing compound over the area of the part to be buffed.



**Figure 3. Manually Work Buffing Compound into Buffing Pad**

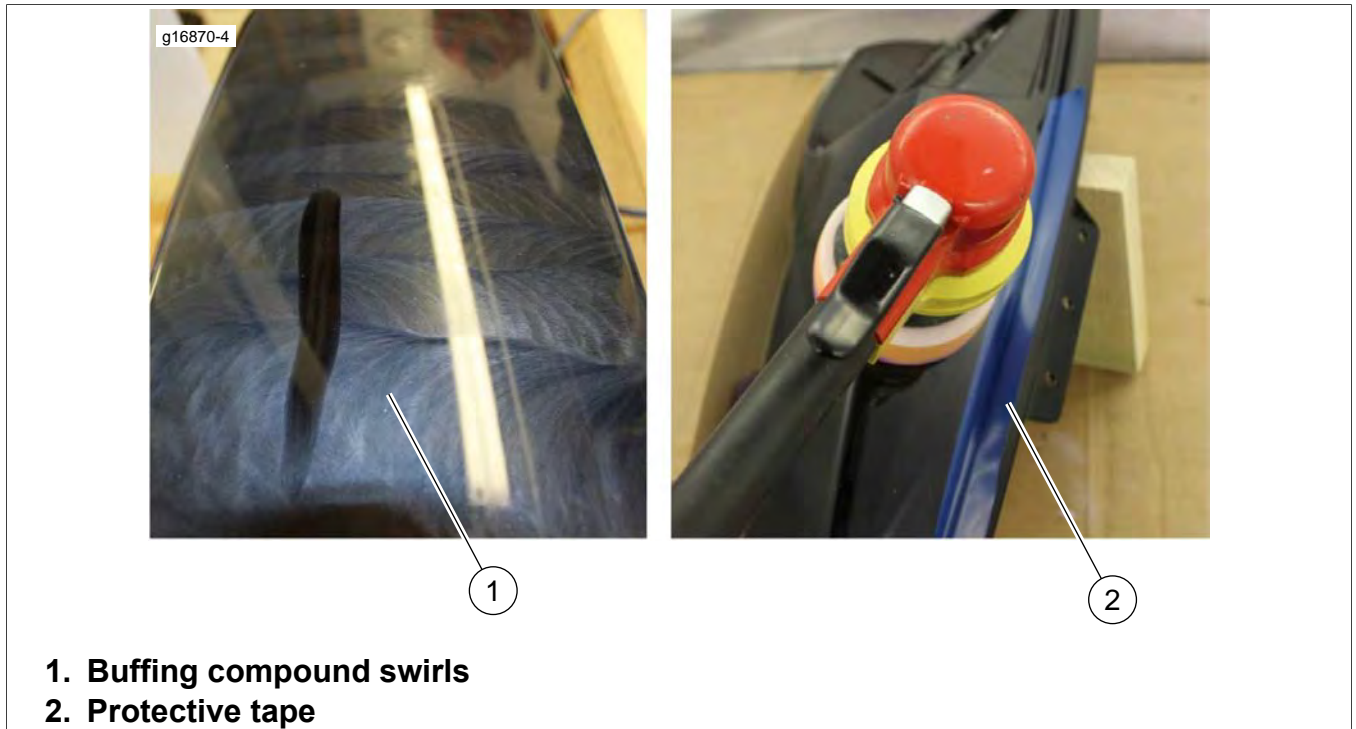
## NOTES

- Proper conditioning of the buffing pad will minimize the amount of buffing compound splattered during the buffing process.
- A conditioned buffing pad is covered with compound and saturated 0.125 in (3.18 mm) deep as shown in the two photos on the right side of Figure 3.
- Do not free-wheel the buffing tool at any time. Always start and stop the buffing tool with the buffing pad in full contact with the part. This practice minimizes buffing compound splatter.

## Buffing Procedure

### NOTES

- *If working with a previously used buffing pad, make sure it is in good condition. See **BUFFING PAD CONDITION**.*
- *See Figure 4. While buffing the part surface, make sure that buffing compound is visible swirling around (1) under the buffing pad. Dry buffing will result in burning of the clear coat finish.*
- *When buffing near an edge or inside corner put a piece of electrical tape or painter's tape (2) over the surface to avoid damaging the edge or inside corner with the outer edge of the rotating buffing pad. If you use painter's tape, do not let the buffing pad wear through the tape.*



**Figure 4. Proper Buffing Practices**

1. Buff the surface in an L-shaped pattern. Apply medium pressure and keep the buffing pad flat on the surface being buffed. Buff the part for no longer than 1 minute to minimize heat buildup. One minute is appropriate for an area the size of a saddle bag lid.
2. Run the buffing tool at full speed while buffing. Gradually bring the tool up to full speed over 10 to 15 seconds until you learn to control the trigger.
3. After 1 minute of buffing, wipe the part clean with a yellow or white detail cloth. Keep the detail cloth clean of foreign debris or additional scratches will appear.
4. Let the part and tool cool for 2 minutes. Inspect for scratches. If the scratches are still present:
  - a. Apply two or three more 0.25 in (6.35 mm) drops of buffing compound to the buffing pad.
  - b. Manually work the buffing compound into the buffing pad and spread the buffing compound over the area of the part being buffed as previously described.
  - c. Repeat the buff and wipe cycle until the scratches are eliminated.

5. Clean all residual buffing compound from adjacent part surfaces with detail cloth.

### Buffing Pad Condition

See Figure 5. Worn out buffing pads will not buff out scratches. A worn out buffing pad (1) is shown compared to a new buffing pad (2). The used buffing pad has reduced foam density and minimal resistance remaining. It can be more easily compressed (3) than a new buffing pad and cannot repair the clear coat as efficiently as a new buffing pad.

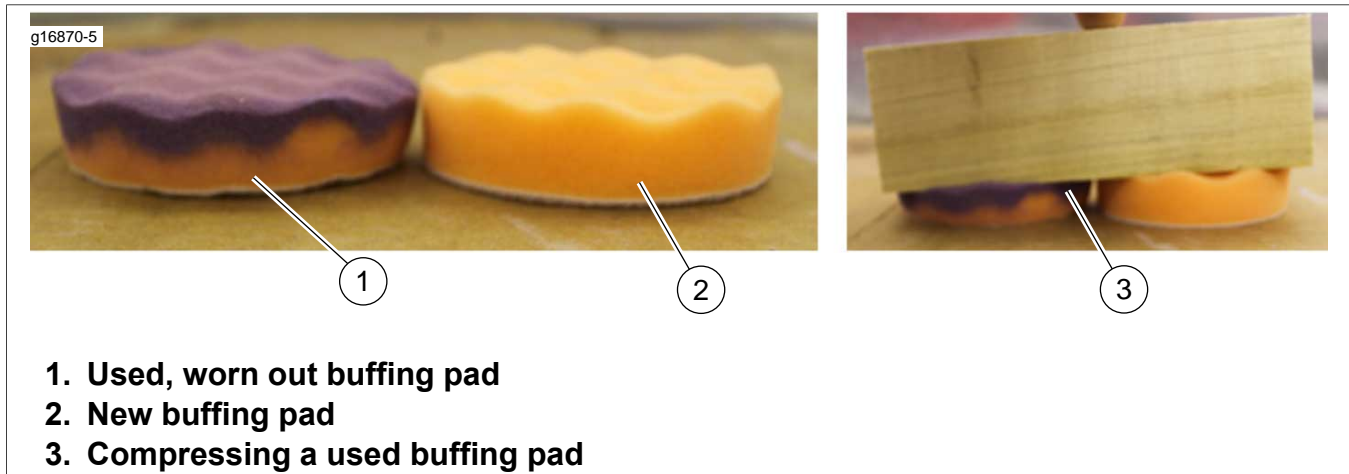


Figure 5. Used and New Buffing Pads



Engman-Taylor Company, Inc.



# 3M Finesse-it™ Clear Coat Repair Kit

You're just **TWO STEPS** away from a defect-free finish!

The professional's choice for repairing automotive finishes

- Decrease turn-around times and reduce overall cost of repairs
- Removes small defects in two easy steps
- Reduces labor costs; improves productivity
- Provides a permanent repair to help maintain your reputation for quality



Step 1 - Sand

Leaves no swirls or scratch marks

The fast, two-step way to eliminate minor clearcoat defects



Step 2 - Buff

Engman-Taylor Company and 3M have partnered to develop this revolutionary clearcoat repair system. Designed specifically for the repair of clearcoat damage and defects in automotive finishes (including motorcycle and marine). This kit contains everything required to repair most minor defects.

The 3M™ Trizact™ Finesse-it™ Clearcoat Defect Repair System gives you a faster, easier way to make high-quality repairs of minor clearcoat defects, such as dust and minor scratches.

The Finesse-it system uses advanced 3M abrasive technology to quickly remove imperfections, then polish out fine sanding scratches in just two simple steps – making conventional 3 and 4-step repair methods obsolete.

For more information:

Call Customer Service @ **1-800-236-1975** or order online @ **www.engman-taylor.com**

# 3M Finesse-it™ Clear Coat Repair Kit & Accessories

## Standard Components

Includes Hard Plastic Case

### Sanding Tool & Accessories

1-1/4" Pneumatic Nib Sander (1) #28737

1-1/4" Finesse-it™ Roloc Soft Pad (10) #089149

1-1/4" A5 466LA Finesse-it™ Sanding Disc (125) #161028

### Buffing Tool & Accessories

3" Pneumatic Buffer (1) #173347

3" Hookit™ Backup Pad (2) #178972

3-3/4" Finesse-it™ Foam Pad (Orange) (10) #109318

Finesse-it™ Polish (Purple) (Gallon) #111588

Detail Cloth (Yellow) (5) #161031

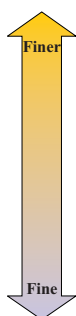


Clear Coat Repair Kit  
CE Approved



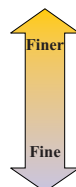
Now with CE Approved Buffer

## Optional Components



Polish (Gallon)

- 3M™ Finesse-it™ Ultra Fine
- 3M™ Finesse-it™ Extra Fine
- 3M™ Finesse-it™ Final Finish
- 3M™ Finesse-it™ Polish (Purple)\*
- 3M™ Finesse-it™ Finishing Material



1-1/4" 466LA Film Discs

- 3M™ Finesse-it™ A3
- 3M™ Finesse-it™ A5\*
- 3M™ Finesse-it™ A7

\*Standard with kit.

## 3M Full Line Distributor

**Air Tools Abrasives Tape Safety Supplies**

For recommendations on what combinations of abrasives and polishes work best for your clear coat or paint process, please contact Mike Schmeling at Engman-Taylor Co., Inc. 262-255-9300 - Toll Free: 800-236-1975 - Email: 3mkits@engman-taylor.com



Engman-Taylor Company, Inc.

## Clear Coat Kit Order Form

Please complete, print, sign, and FAX this form to  
 262-255-6512  
 or email to [requests@engman-taylor.com](mailto:requests@engman-taylor.com)

W142 N9351 Fountain Blvd., Menomonee Falls, WI 53051  
 Phone 262-255-9300 Fax 262-255-6512  
[requests@engman-taylor.com](mailto:requests@engman-taylor.com)  
 Order Online [www.engman-taylor.com](http://www.engman-taylor.com)

DATE: \_\_\_\_\_

Payment Type: Credit Card  Paypal

<b>Credit Card Information:</b>		<b>Shipping Address:</b>	
Cardholder Name		Dealership Name	
		Attention	
Street Address		Street Address	
Address 2		Address 2	
City, State, ZIP (Province, Postal Code)		City, State, ZIP (Province, Postal Code)	
Country		Country	
Telephone		Email	
Card Type (MC, VISA, AMEX)	Card Number	Card Expiration Date	CVV Code
Paypal: <input type="checkbox"/>	PayPal payments should be sent to: <a href="mailto:ebay.auctions@engman-taylor.com">ebay.auctions@engman-taylor.com</a>		

H-D DEALER # (REQ'D)	JOB	SHIPPING METHOD (INTL)	SHIPPING METHOD (DOM)			
		USPS	UPS			

QTY	ITEM #	DESCRIPTION	UNIT PRICE (US \$)	UNIT	LINE TOTAL
	160829	3M FINESSE-IT CLEAR COAT REPAIR <b>KIT</b> W/ HARD CASE CE APPROVED	1284.05	Each	
	28737	1-1/4" PNEUMATIC NIB <b>SANDER</b> (MMM00051141287379)	470.94	Each	
	089149	50198 PSA 1-1/4" ROLOC SOFT <b>PAD</b> FOR SANDER	6.32	Each	
	161028	56251 1-1/4" A5 MIC 466LA FINESSE-IT <b>DISC</b> (GRAY) Pack/125	51.00	Pack	
	173347	28333 3" PNEUMATIC <b>BUFFER</b> CE APPROVED	484.23	Each	
	178972	20350 <b>HOOKIT PAD</b> DISC 3" x 1/2" (for CE buffer) Pack/2	16.60	Pack	
	109318	51158 3-3/4" ORANGE FOAM <b>BUFFING PAD</b> 02637 Pack/10	53.44	Pack	
	161031	39016 YELLOW DETAIL <b>CLOTH</b> 12" X 14" Pack/5	19.32	Pack	
	111588	51157 FINESSE-IT <b>POLISH</b> PURPLE GAL 51056 GAL	99.40	GAL	
		Shipping charges will be added at time of shipment	To follow	Each	

SUBTOTAL

Updated 02-26-2015 - Prices subject to change without notice.

TOTALFROM PAGE 2

By signing here you are agreeing to purchase these items based on our standard terms & conditions:

TOTAL

Print Name: \_\_\_\_\_ Signature: \_\_\_\_\_

OPTIONAL ACCESSORIES

QTY	ITEM #	DESCRIPTION	UNIT PRICE (US \$)	UNIT	LINE TOTAL
	164532	20515 1-1/4" A3 MIC 466LA FINESSE-IT DISC (GRAY) Pack/125 ( <b>Finer</b> than supplied in kit)	51.00	Pack	
	164537	56288 1-1/4" A7 MIC 466LA FINESSE-IT DISC (GRAY) Pack/125 ( <b>Coarser</b> than supplied in kit)	51.00	Pack	
		Previous Models			
	160052	1-1/4" PNEUMATIC NIB SANDER (3125)	OBSOLETE		
	157849	60537 PSA 1-1/4" SOFT PAD 3125P FINESSE-IT	6.70	Each	
	60733A	REPLACEMENT SKIRT FOR 3125 SANDER	22.09	Each	
	114409	55764 HOOKIT PAD DISC 3" x 1/2" 02700 (for obsolete buffer) Pack/2	12.15	Each	

SERVICE PARTS

QTY	ITEM #	DESCRIPTION	UNIT PRICE (US \$)	UNIT	LINE TOTAL