 <p>U.S. Department of Transportation National Highway Traffic Safety Administration</p>		<p><b>INFORMATION ACT (FOIA), 5 U.S.C. 552(B)(6)</b> DOT Auto Safety Hotline</p> <p><b>Vehicle Owner's Questionnaire</b> To Report Vehicle Safety Defects 1-888-DASH-2-DOT (1-888-327-4236) INTERNET: www.nhtsa.dot.gov/hotline</p>		<p>FOR AGENCY USE ONLY 100148</p>	
<p><b>OWNER INFORMATION (Type or Print)</b></p>		<p>Date Received NOV 16 2012 27-AUG-2012</p>	<p>Repository <input type="checkbox"/></p>	<p>Reference No. 10472683</p>	
<p>Name [REDACTED]</p>		<p>Daytime Telephone Number [REDACTED]</p>	<p>E-mail Address [REDACTED]</p>		
<p>Address [REDACTED]</p>		<p>Evening Telephone Number [REDACTED]</p>	<p>[REDACTED]</p>		
<p>City WALDORF</p>	<p>State MD</p>	<p>Zip Code [REDACTED]</p>	<p>[REDACTED]</p>		
<p><i>The information you provide will be used to identify potential safety-related defects. We may share your information with the applicable vehicle manufacturer during an investigation or recall in accordance with the routine uses described in the agency's Privacy Act notice. See 49 FR 53971 (Sep. 3, 2004).</i></p>					
<p><b>VEHICLE INFORMATION</b></p>					
<p>17 digit Vehicle Identification Number Located at bottom of windshield on driver's side 1HD1FV41X8Y [REDACTED]</p>		<p>Make HARLEY DAVIDSON</p>	<p>Model FLHT</p>	<p>Model Year 2008</p>	
<p>Date Purchased</p>	<p>Dealer's Name and Telephone Number</p>		<p>Engine: No: Cylinders</p>	<p>Fuel Type:</p>	
<p>Original Owner <input type="checkbox"/></p>	<p>Dealer's City</p>	<p>State</p>	<p>Zip Code</p>	<p>[REDACTED]</p>	
<p>Transmission Type</p>	<p><input type="checkbox"/> Antilock Brakes <input type="checkbox"/> Cruise Control</p>	<p>Powertrain</p>	<p>Multiple Failure:</p>	<p>Incident Date(s) 18-AUG-2012</p>	
<p><b>FAILED COMPONENT(S)/PART(S) INFORMATION</b></p>					
<p>Vehicle Component Code: 100000 POWER TRAIN</p>			<p>Failure Mileage 31000</p>	<p>Failure Speed 40</p>	
<p><b>ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A TIRE FAILURE</b></p>					
<p>Tire Make</p>	<p>Tire Model (Name or Number)</p>		<p>Tire Size (Example P215/65R15)</p>		
<p>DOT No. (Example: DOTM19ABC036)</p>	<p><input type="checkbox"/> Original Equipment <input type="checkbox"/> Prior Repair</p>	<p>Failure Location:</p>			
<p>Tire Component Code</p>			<p>Tire Failure Type:</p>		
<p><b>ADDITIONAL ITEMS TO BE COMPLETED WHEN REPORTING A CHILD SEAT FAILURE</b></p>					
<p>Make:</p>	<p>Date Manufactured:</p>	<p>Model No./Name:</p>			
<p>Seat Type:</p>	<p>Installation System:</p>				
<p>Child Seat Component Code:</p>	<p>Failed Part:</p>				
<p><b>APPLICABLE INCIDENT INFORMATION</b> (Please describe in detail the incident(s), Failure(s), Crash(es), and injury(ies).)</p>					
<p>Crash <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Fire <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Number of Persons Injured 0</p>	<p>Number of Deaths 0</p>	<p>Reported to Police N</p>	
<p><b>Narrative Description of Incident(S), Crash(es), and Injury(ies).</b> Please describe (1) events leading up to the failure, (2) failure and its consequences, and (3) what was done to correct the failure; i.e. parts repaired or replaced (and if old part is available).</p>					
<p>TL* THE CONTACT OWNS A 2008 HARLEY DAVIDSON FLHT MOTORCYCLE. THE CONTACT WAS DRIVING 40 MPH WHEN HE HEARD A ROLLING NOISE COMING FORM THE SHIFTER. THE CONTACT LATER DISCOVERED THAT A METAL COMPONENT HAD FALLEN AND DETACHED FROM THE VEHICLE. THE VEHICLE WAS TAKEN TO THE DEALER WHO STATED THAT THEY NEEDED TO REPLACE THE ROTOR STATOR ASSEMBLY. THE VEHICLE WAS NOT REPAIRED, THE MANUFACTURER WAS NOT CONTACTED. THE FAILURE AND THE CURRENT MILEAGE WAS 31,000.</p>					
<p>Include, if available: Police/Fire Department Report, Photos, and Repair Invoice.</p>			<p>ATTACH ADDITIONAL SHEETS IF NECESSARY</p>		
<p>The Privacy Act of 1974-Public Law 93-579 This information is requested pursuant to authority vested in the National Highway Traffic Safety Act and subsequent amendments. You are under no obligation to respond this questionnaire. Your response may be used to assist the NHTSA in determining whether a Manufacturer should take appropriate action to correct a safety defect. If the NHTSA proceeds with administrative enforcement or litigation against a manufacturer, your response, or a statistical summary thereof, may be used in support of the agency's action.</p>					

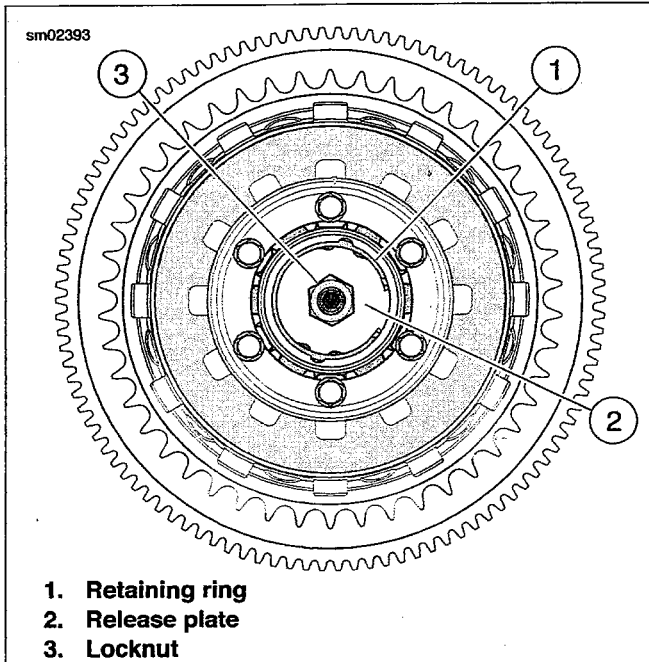


Figure 6-6. Clutch

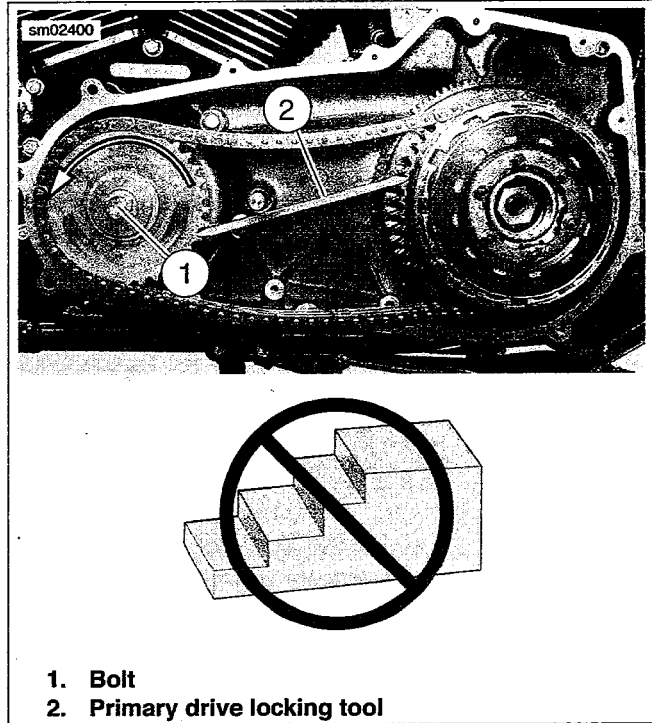


Figure 6-8. Removing Compensating Sprocket Bolt

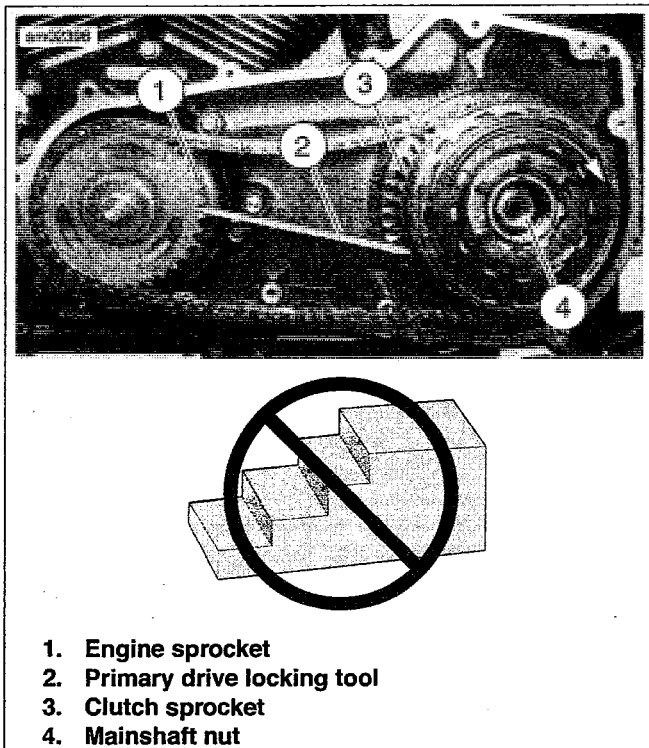


Figure 6-7. Removing Clutch Hub Mainshaft Nut

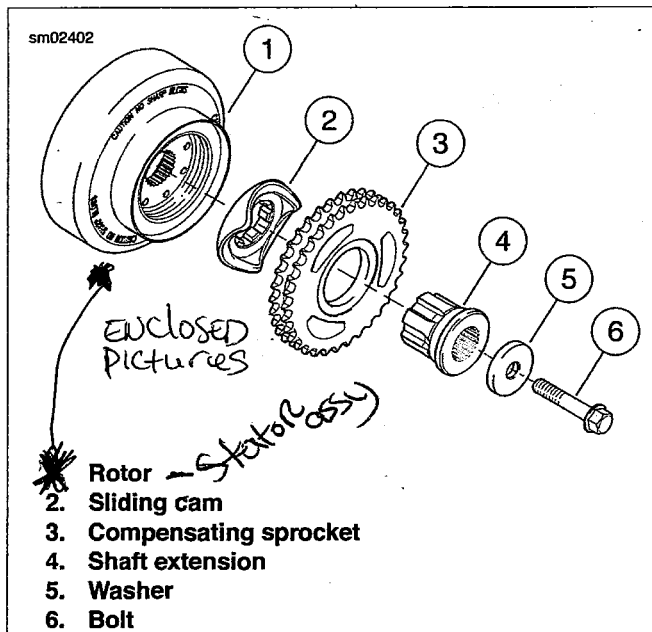


Figure 6-9. Compensating Sprocket

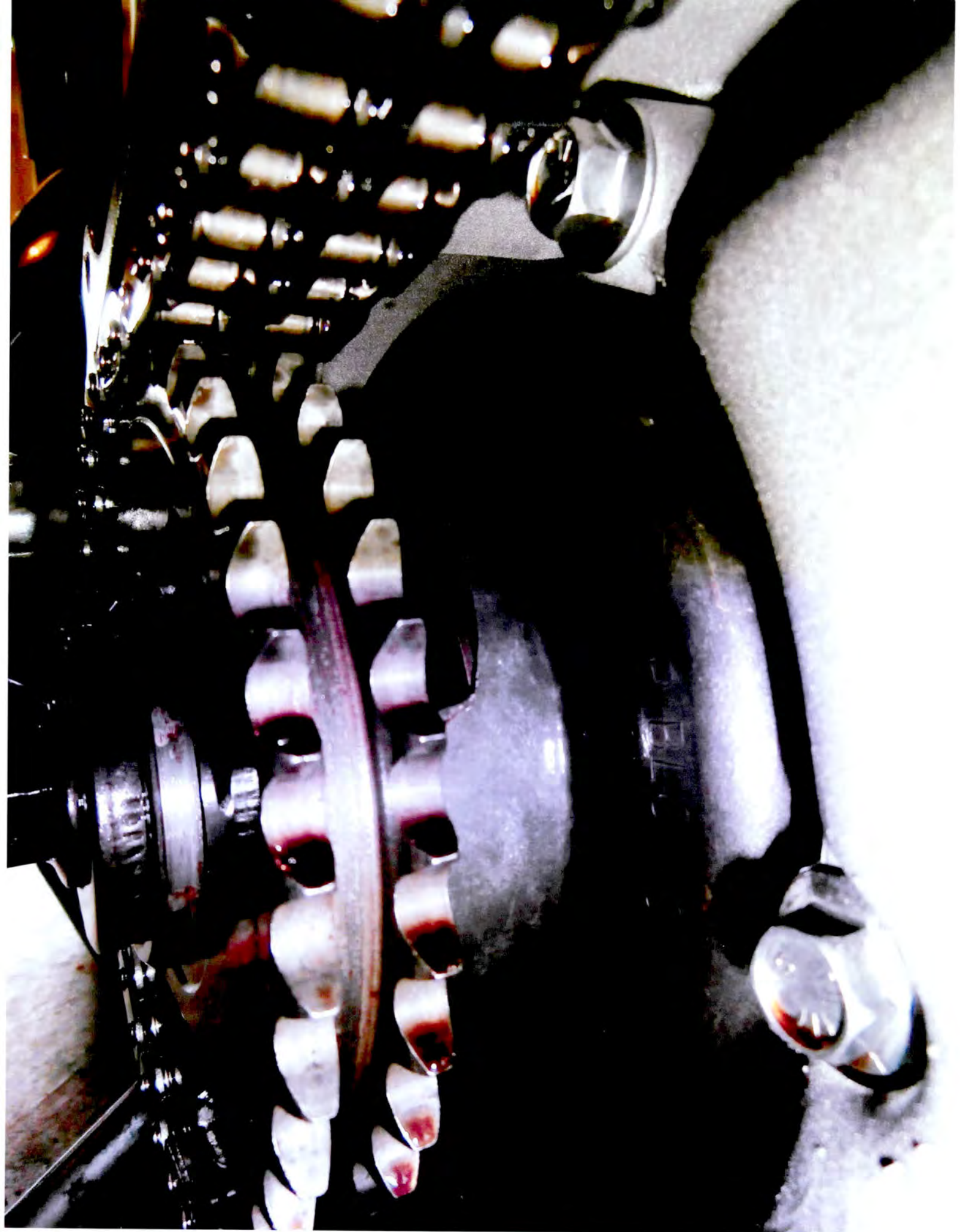
## INSTALLATION

PART NUMBER	TOOL NAME
HD-47977	PRIMARY DRIVE LOCKING TOOL

### NOTE

The primary chain, compensating sprocket and clutch assembly must be installed as an assembly.

1. See Figure 6-10. Apply a thin layer of primary chaincase oil, to the inner diameter of the compensating sprocket



# HarleyTechTalk

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**Topic: Noise inside primary on 2007 road glide (Read 778)**

 [royalstarred](#)

Member

Posts: 4

 **Noise inside primary on 2007 road glide**

« on: Tuesday, August 02, 2011, 10:04:42 AM. »

Had noise inside primary on my 2007 Road Glide. Took primary cover off and found pieces of something inside. Found marks made from the chain and mark on back of primary made by flywheel gear. Big gear on back of clutch assembly. Found first 1/8" damage on spline on clutch hub. I noticed primary pulley shaft was a little rough turning it so I took off the primary and found the bearing race on primary shaft all scarred up. Thinking about changing out compensator with SE compensator and looking other parts other than Harley from some where else. Any suggestions would be appreciated. The bike is fully stock engine. Thanks

 Logged


 [HarleyHiwayMan](#)

Member



Posts: 296

Country: 

 **Re: Noise inside primary on 2007 road glide**

« Reply #1 on: Tuesday, August 02, 2011, 01:23:14 PM. »

Welcome! You will enjoy the information here, do read the boards. You seem to have a good bit of damage, no surprise you was hearing the noise. Good plan replacing all and everything that is

even slightly damaged, Harley or otherwise. I think I would stay with the original compensator, that big SE unit has a few concerns. Mine clunks like hell when I shut down, several here have had lubrication problems.

See this:

<http://harleytechtalk.org/htt/index.php/topic,29069.0.html>

Logged

176

Member



Posts: 253

Flatland Charlie, Lazy Photographer  
Ride with an attitude!!

**Re: Noise inside primary on 2007 road glide**

« Reply #2 on: Tuesday, August 02, 2011. 06:51:24 PM. »

My inner primary bearing went bad at 19k.mi. On my 08 ultra...made a sewing machine noise that got louder and louder. Have heard of others with the same problem on the touring bikes with 6 speeds.

176

Logged

02 Heritage, 08 Ultra Classic, Mesa Arizona

road-dawgs1

Member



Posts: 1610

Country:



**Re: Noise inside primary on 2007 road glide**

« Reply #3 on: Tuesday, August 02, 2011. 07:12:14 PM. »

If you find yourself needing any of the stock parts (chain, comp, etc.) I have some from an 07 that we swapped to the SE comp that I'd be more than happy to send you.

Logged

'08 anniversary Ultra, D&D Fatcat, Redshift 575's, TTS Mastertune, 49T ring gear

Powerglides

Member

Posts: 202



**Re: Noise inside primary on 2007 road glide**

« Reply #4 on: Wednesday, August 03, 2011. 05:13:48 AM. »

Just had an 09 Streetglide in (20,000 miles) to change the rear belt. Found one inner primary bearing roller starting to break up, and the same thing with the clutch hub splines. Had a few inner primary bearing failures to do, but first time I've seen the clutch hub splines breaking up. Mainshaft was fine.

Logged

Boz

 **rbabos**Site Supporter  
Member

\$\$\$\$\$



Posts: 3642

Country: [US]

**Re: Noise inside primary  
on 2007 road glide**« **Reply #5 on:** Wednesday, August 03,  
2011. 11:23:26 AM. »

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**Quote from: Powerglides on Wednesday, August 03, 2011. 05:13:48 AM.**

---

Just had an 09 Streetglide in (20,000 miles) to change the rear belt. Found one inner primary bearing roller starting to break up, and the same thing with the clutch hub splines. Had a few inner primary bearing failures to do, but first time I've seen the clutch hub splines breaking up. Mainshaft was fine.

---

I've read of a few over the last year. First 3/8" of the splines next to the ip bearing crack off, correct?

Ron

 Logged

---

07FXSTC, Ass Kicking 120", Rivera Pro Clutch, Evo 49T, Supertrapp, TTS **royalstarred**

Member

Posts: 4

**Re: Noise inside primary  
on 2007 road glide**« **Reply #6 on:** Wednesday, August 03,  
2011. 07:33:54 PM. »

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rbabos: About the first 1/8" is chipped away on the clutch hub assembly. There isn't any space between the mainshaft bearing inner race and the primary sprocket nut. Looks to me that the race did some walking. Can't decide what bearings to use to replace mainshaft bearing and the inner race as well as the ball bearing in the clutch assembly. I'm leaning toward putting in SE Compensator, SE Clutch and SE clutch friction disc kit. But still have to decide on the bearings. Any suggestions? Anybody know of a site that shows how the clutch assembly comes apart? I have parts and service manual for my bike. I just don't know if the ball bearing are pressed in the clutch assembly, then press in the clutch hub. Thanks

 Logged **Powerglides**

Member

Posts: 202

**Re: Noise inside primary  
on 2007 road glide**« **Reply #7 on:** Thursday, August 04,  
2011. 04:26:27 AM. »

---

Ron, on this one there are 6 of the splines grouped together that have chipped. Varies between a 1/16 and 3/8. There is also a witness mark on the inside of the inner primary, same as the OP has. Haven't had an 08 up inner race walk yet though. They have a smaller ID than the earlier version.

 Logged

Boz

 **rbabos**

Site Supporter



Member:

\$\$\$\$\$



Posts: 3642

Country: [US]

### Re: Noise inside primary on 2007 road glide

« Reply #8 on: Thursday, August 04, 2011. 08:50:39 AM. »

**Quote from: royalstarred on Wednesday, August 03, 2011. 07:33:54 PM.**

rbabos: About the first 1/8" is chipped away on the clutch hub assembly. There isn't any space between the mainshaft bearing inner race and the primary sprocket nut. Looks to me that the race did some walking. Can't decide what bearings to use to replace mainshaft bearing and the inner race as well as the ball bearing in the clutch assembly. I'm leaning toward putting in SE Compensator, SE Clutch and SE clutch friction disc kit. But still have to decide on the bearings. Any suggestions? Anybody know of a site that shows how the clutch assembly comes apart? I have parts and service manual for my bike. I just don't know if the ball bearing are pressed in the clutch assembly, then press in the clutch hub. Thanks

Do a runout check on the main shaft. This is a contributor to race walking. If ok, I'd use the OEM bearing and use Loctite on the race install. I'm not really a fan of the Baker ball bearing setup since it's weaker, but some like it. Clutch hub bearing comes out toward the snap ring once it's removed.

The bearing is pressed into the basket first, pushing on the bearing OD. Then the hub gets pressed into the bearing supporting the bearings ID race. If you don't support and press the bearing in the right places it will get trashed. The basket can be heated and the bearing placed in the freezer to aid bearing install. Hub into bearing don't matter.

Ron

Logged

### royalstarred

Member

Posts: 4

07FXSTC, Ass Kicking 120",Rivera Pro Clutch,Evo 49T, Supertrapp, TTS

### Re: Noise inside primary on 2007 road glide

« Reply #9 on: Friday, August 05, 2011. 09:49:57 AM. »

Rbaobs: I talked to a parts guy at HD shop and he said that ring gear on the clutch assembly had been change, but clutch hub, mainshaft bearing and bearing race have not changed. But in my parts book it shows (2) different bearing race part #'s. I don't know if I want to got back to the same clutch hub. Still trying to decide. Thanks for the information.

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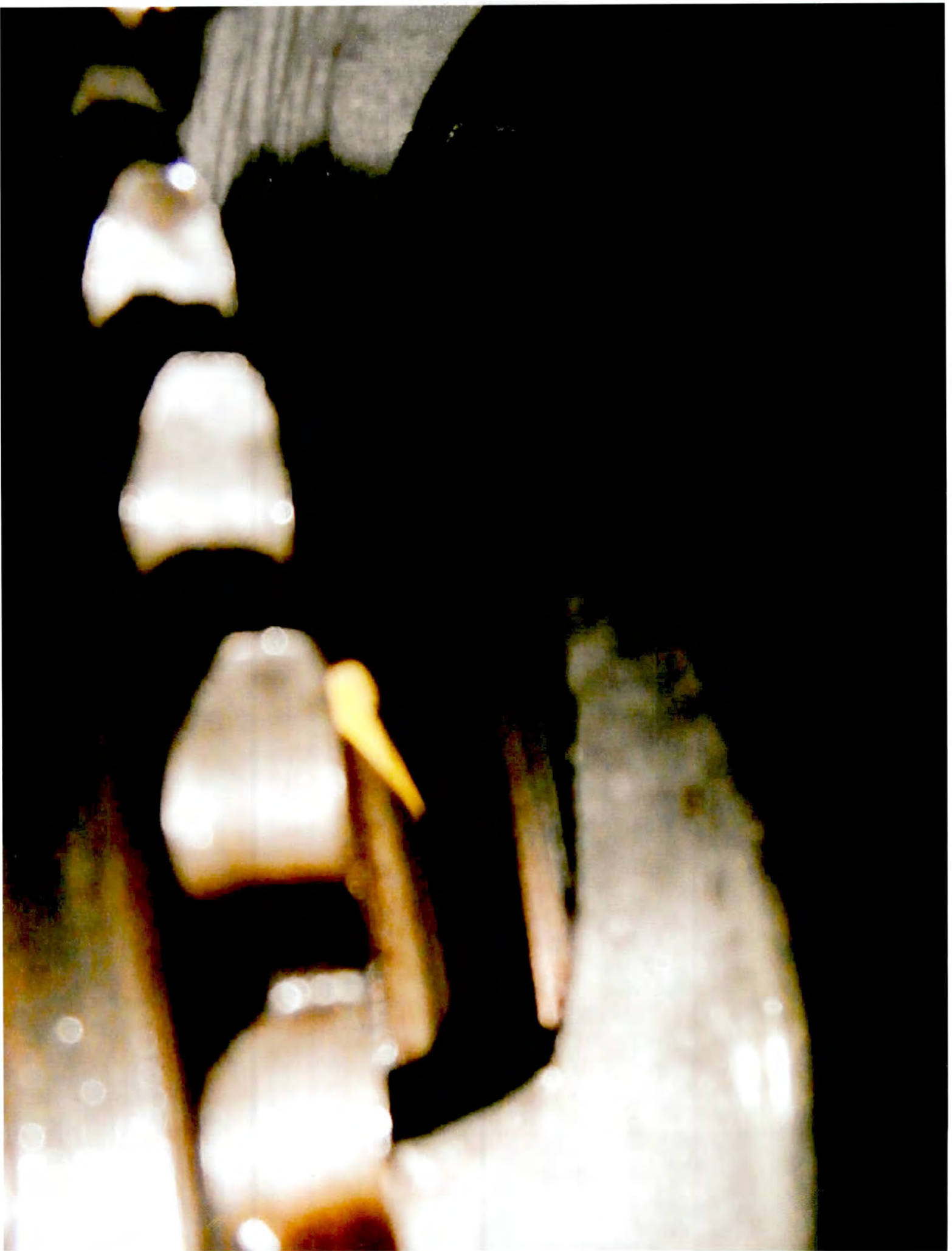
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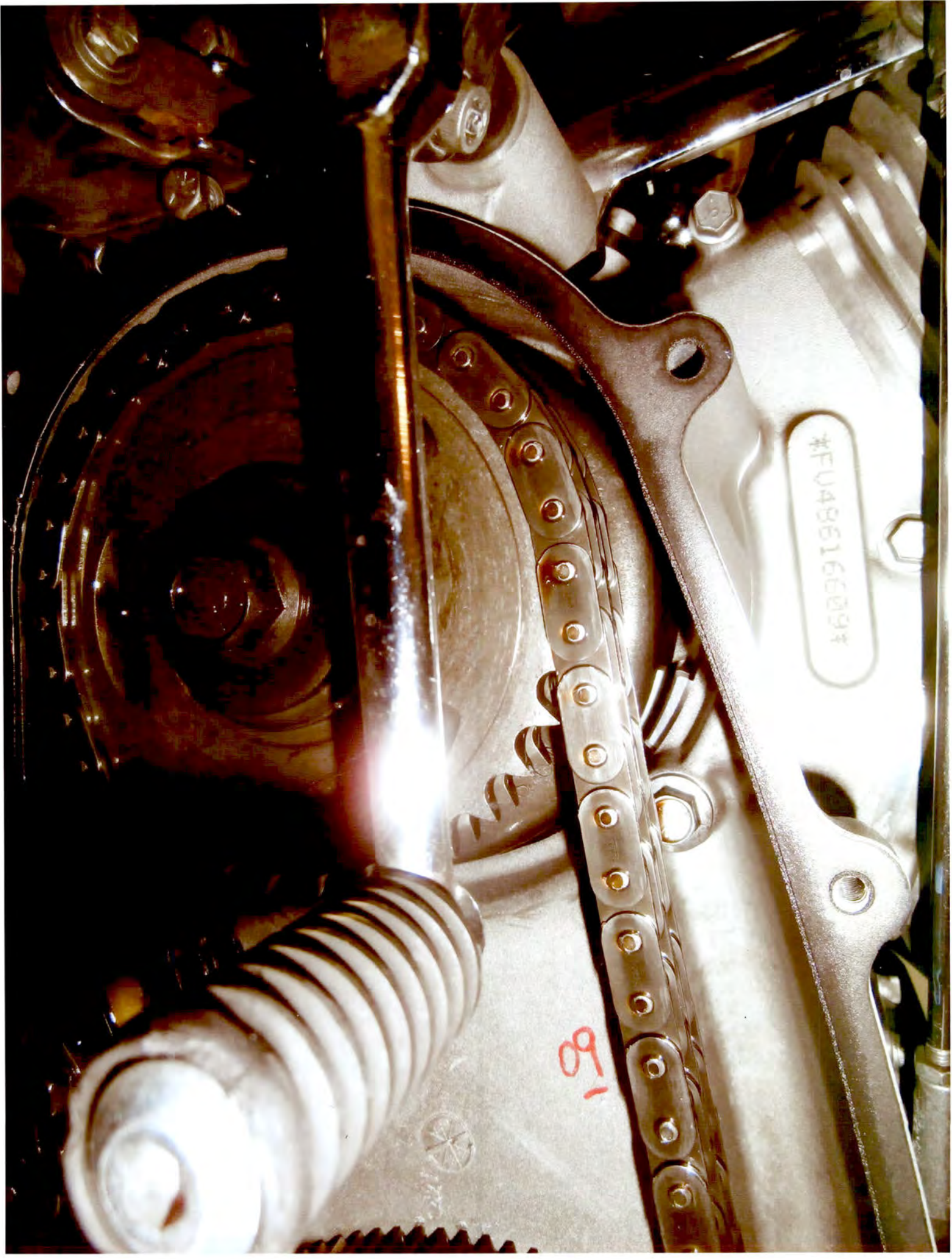
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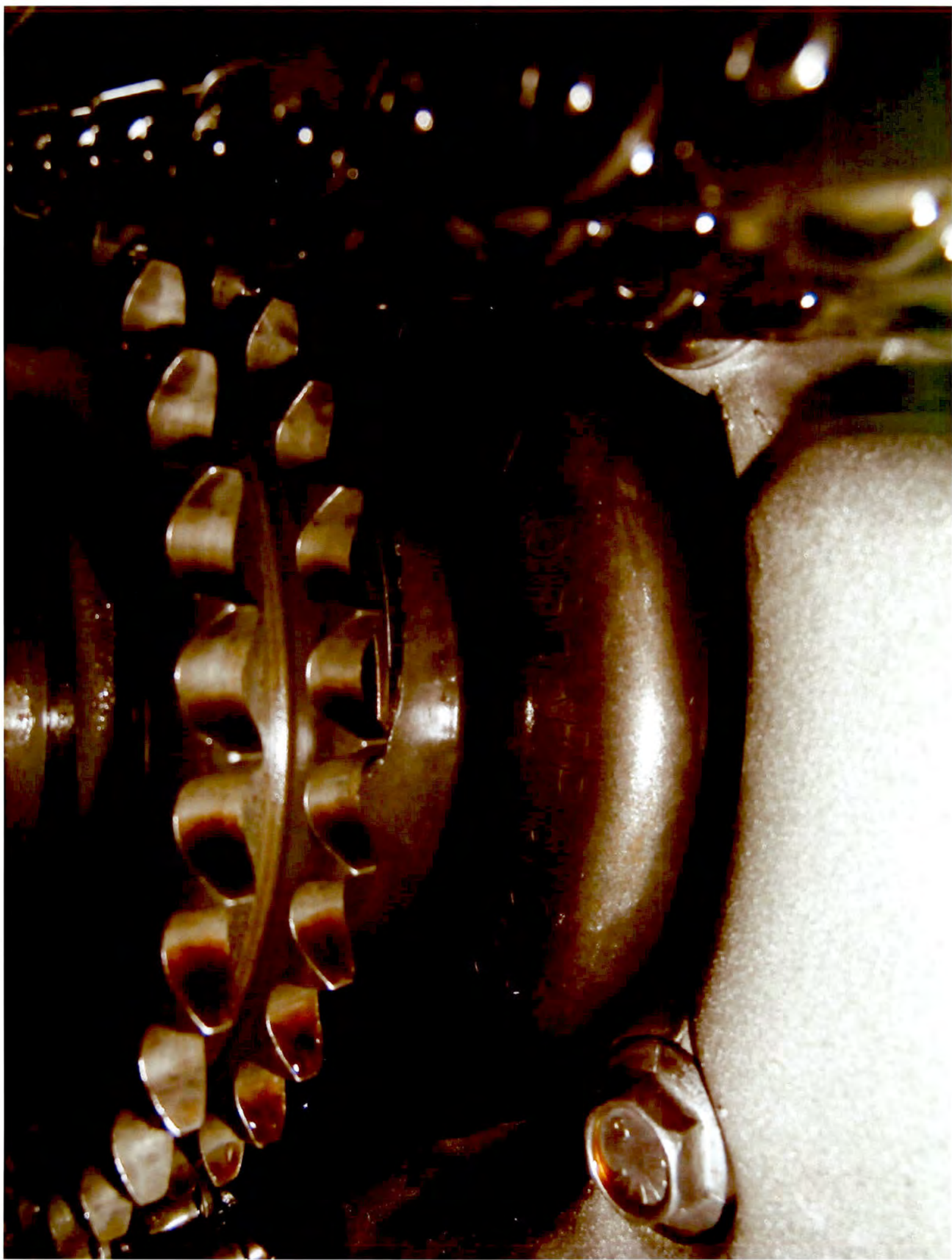


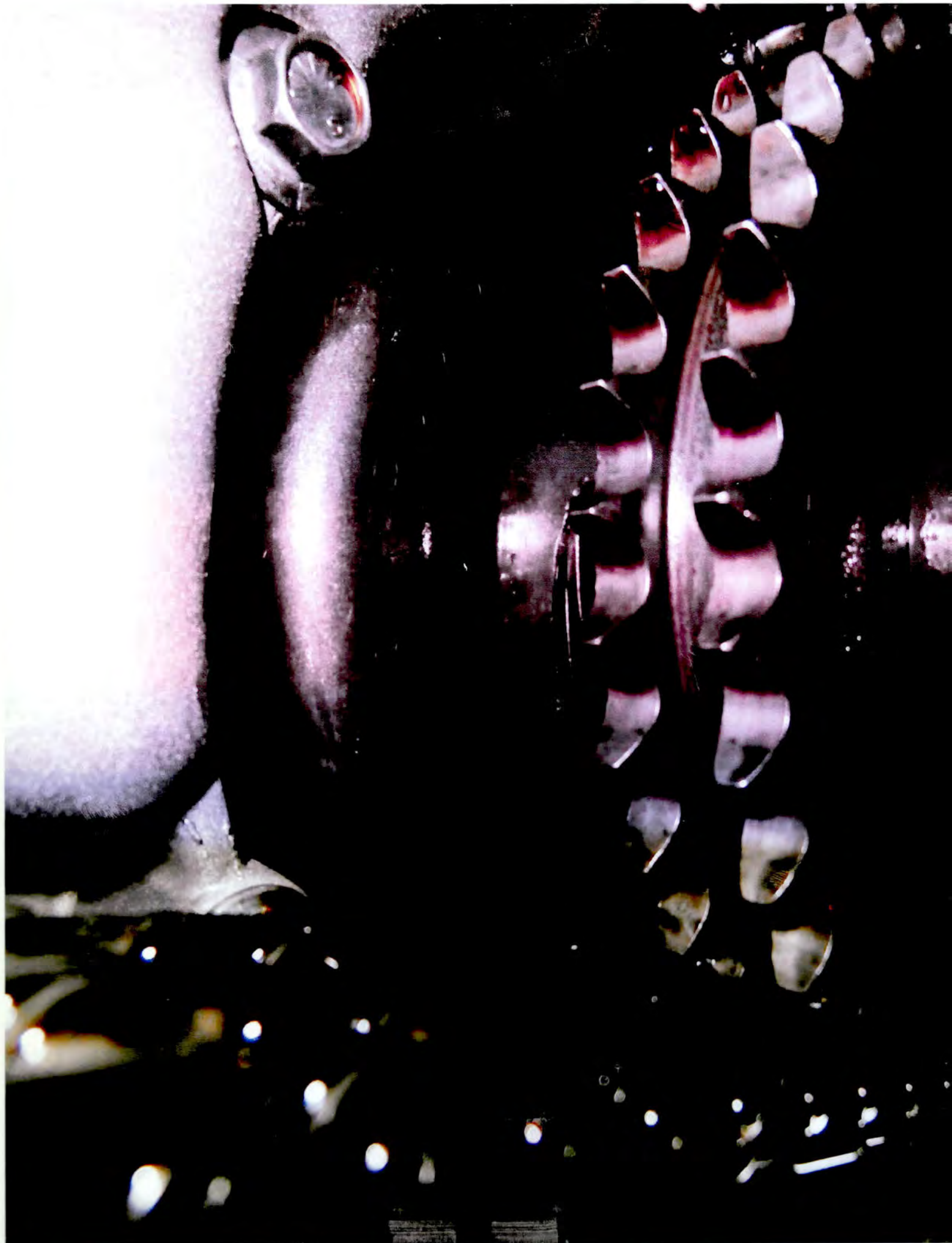


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[REDACTED]  
[REDACTED]  
Waldorf, MD [REDACTED]

Ref.# 10472683

Defect questionnaire enclosed  
with pictures

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