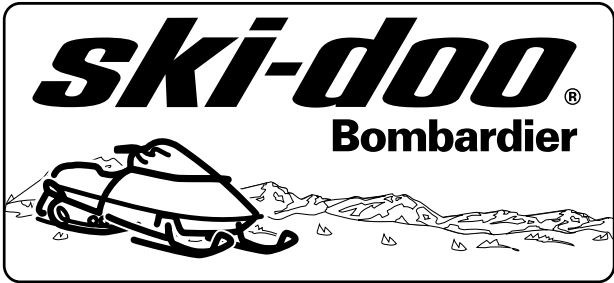


Please route to:

	Init.
<input type="checkbox"/> Service	<input type="checkbox"/>
<input type="checkbox"/> Sales	<input type="checkbox"/>
<input type="checkbox"/> Parts	<input type="checkbox"/>



No. **96-1**

Date : October 23, 1995

**SUBJECT : Fuel Tank Cap**

YEAR	MODEL NAME	MODEL NUMBER	SERIAL NUMBER
1996	MACH 1	1081, 1082, 1083	ALL

**PROBLEM**

The vehicle has a fuel tank cap without the minimum specified fuel octane requirement on it.

**SOLUTION**

Replace the fuel tank cap.

**PARTS REQUIRED**

DESCRIPTION	P / N	QTY
Fuel tank cap	572 0739 00	1

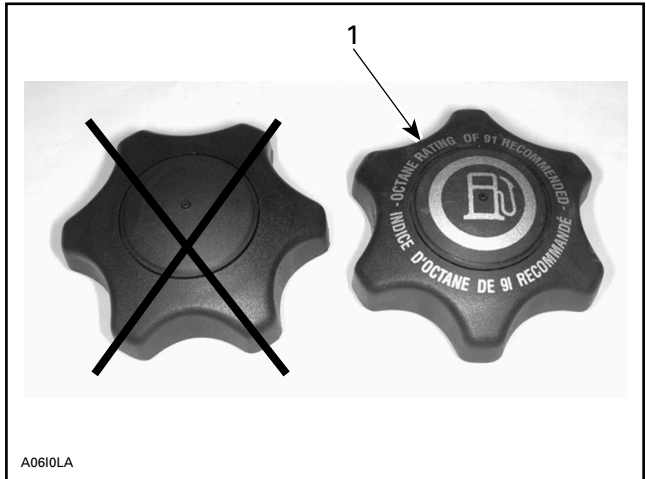
**WARRANTY**

Return the part with a completed warranty claim form using the following information :

Campaign number : 96-002  
 Claim type : 07  
 Expiration date : 96/12/31  
 Flat rate time : .1

For claiming procedure, refer to your *Dealer Warranty Guide*.

Please update your *Shop Manual* by indicating the number of this bulletin after the TABLE OF CONTENTS in your *Shop Manual*.



1. Correct fuel tank cap

Please route to :

	Init.
<input type="checkbox"/> Service	<input type="checkbox"/>
<input type="checkbox"/> Sales	<input type="checkbox"/>
<input type="checkbox"/> Parts	<input type="checkbox"/>



No. **96-2**

Date : December 18, 1995

**SUBJECT : Heat Shields**

YEAR	MODEL NAME	MODEL NUMBER	SERIAL NUMBER
1996	MX Z 583	1094 1095 1096	00001 TO 01287 00001 TO 03562 00001 TO 00084
1996	SUMMIT 583	1064, 1065, 1066	ALL
1996	SUMMIT 670	1061, 1062, 1063	ALL

### PROBLEM

Should the hood louvers become blocked with snow the acoustic foam on inner right side of hood and surface on bottom pan in front of muffler may melt and cause damage.

### SOLUTION

Apply heat shield decals over A) acoustic foam on hood, B) on bottom pan surface in front of muffler and C) on muffler support.

### PARTS REQUIRED

Description	P / N
Heat Shield Decal (Hood)	415 0490 00
Heat Shield Decal (Bottom Pan)	415 0489 00
Heat Shield Decal (Muffler Support)	414 7062 00

### PROCEDURE

#### A) Hood Decal

Open hood.

Clean inner surface of hood and existing decal on right side.

For good adhesion clean the area with a cleaner that removes all oil film and does not leave a residue, for example: RM - Pre-Cleaner 900, used for auto body preparation prior to painting.

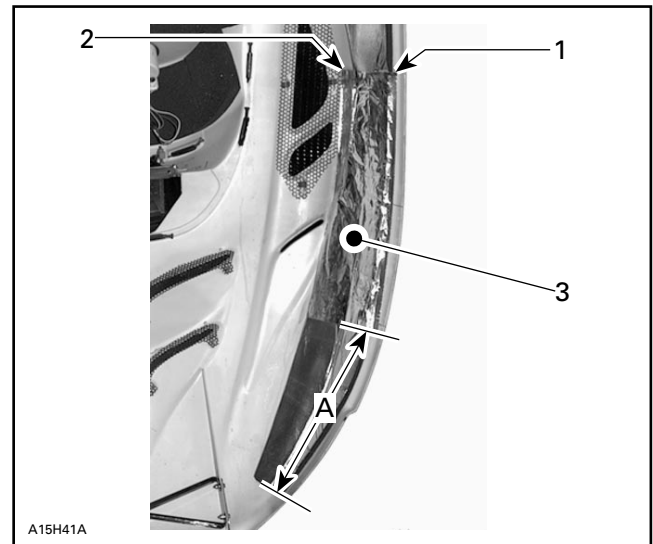
The decal should overlap the foam surface by approximately 12 mm (1/2 in) on the inner side of the hood.

Measure 330 mm (13 in) from the front edge of the existing acoustic foam.

Remove backing paper from decal then apply to cleaned surface.

**CAUTION : Do not leave any air pockets along the edges of the decal.**

Refer to the following photo.



**INNER RIGHT SIDE OF HOOD**

1. Overlap 12mm (1/2 in)
2. Flush with side of grill
3. Heat shield decal
- A. 330 mm (13 in)

## B) Bottom Pan Decal

Clean inner surface of bottom pan in front of muffler.

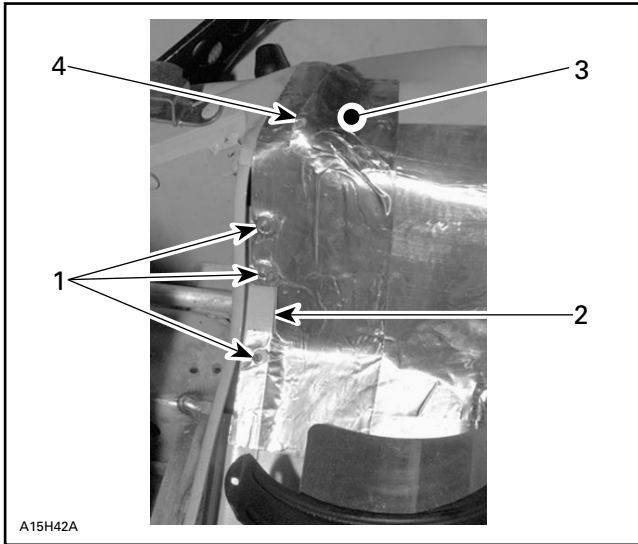
Note that there are 3 holes, a notch and a slit pre-cut on the decal.

Remove backing paper from decal.

Apply the lower portion of the decal first, paying attention to center the pre-cut holes with the rivets in the bottom pan.

Apply the slit portion last to overlap other side of decal.

Refer to the following photo for proper decal application.



1. Center holes with rivets
2. Notch
3. Apply this side first
4. Slit (apply this side last)

▼ **CAUTION** : Do not leave any air pockets along the edges of the decal.

## C) Muffler Support Decal

Clean muffler support surface as well as self-tapping screws that are retaining both the muffler support and heat deflector on right side of bottom pan.

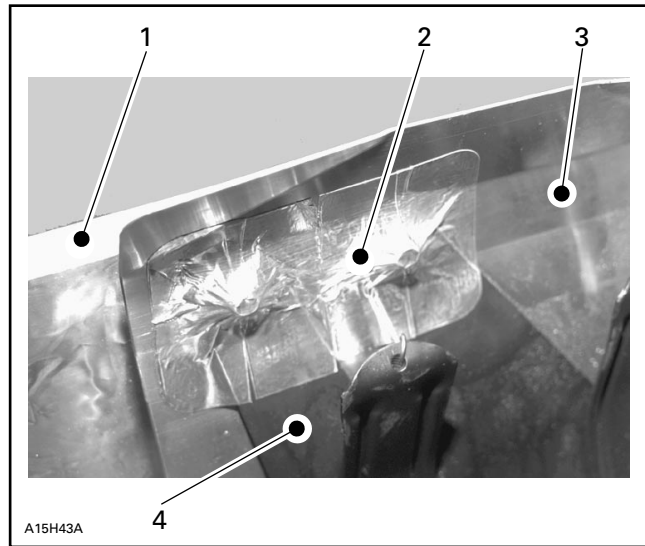
○ **NOTE** : Muffler does not need to be removed to apply decal.

For good adhesion, clean the surface with a cleaner that removes all oil film and does not leave a residue as described earlier.

Remove backing paper from decal, center the decal over the self-tapping screws then apply to cleaned surface.

▼ **CAUTION** : Do not leave any air pockets along the edges of the decal.

Refer to the following photo.



1. Bottom pan
2. Heat shield decal
3. Heat deflector
4. Muffler support

Please update the *Ski-Doo Shop Manual, Body / Frame* section, Volume 3, when you receive it.

## WARRANTY

Complete a warranty claim form using the following information :

Campaign number	96-004
Claim type	07
Expiration date	December 31, 1996
Flat rate time	0.3 hr

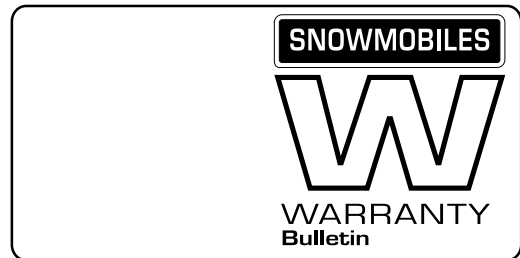
Please route to :

Init.

Service

Sales

Parts



No. **96-3**  
**Revision 1**

Date : January 12, 1995

**SUBJECT : Exhaust Grommet**

YEAR	MODEL NAME	MODEL NUMBER	SERIAL NUMBER
1996	MX Z 440	1051, 1052, 1053	ALL
1996	Formula SLS	1049, 1050, 1097	ALL
1996	GT 500	1067, 1068, 1069	ALL
1996	Summit 500	1058, 1059	ALL

## PROBLEM

Rubber exhaust grommet on muffler support may melt due to high heat and vibration.

## SOLUTION

Replace existing rubber grommet with new aluminum grommet, P / N 514 0482 00.

## PROCEDURE

Open hood.

Remove tuned pipe and muffler assembly.

Remove existing rubber grommet.

Install new aluminum grommet.

Reinstall tuned pipe assembly.

**NOTE :** Apply Dow Corning sealer no. 736 RTV on exhaust manifold ball joint.

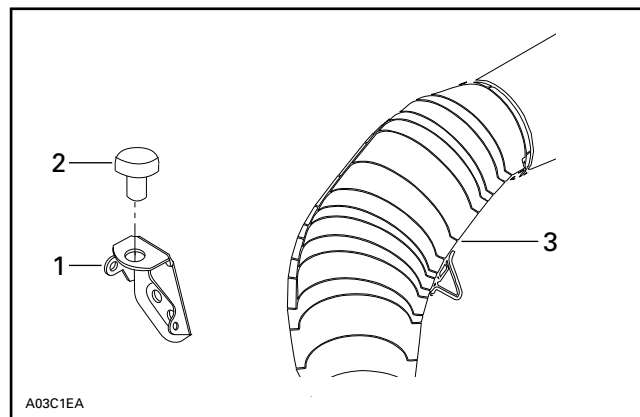
## WARRANTY

Complete a warranty claim form using the following information :

Campaign Number	96-005
Claim Type	07
Expiry Date	December 31, 1996
Flat Rate Time	0.3 hr

For claiming procedure, refer to your *Dealer Warranty Guide*, section 4.

Please update the proper *Ski-Doo Shop Manual*, ENGINE section.



1. Muffler support
2. Aluminum grommet
3. Tuned pipe

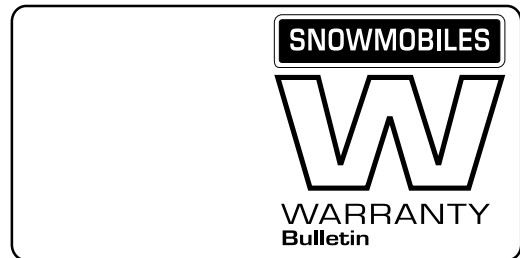
Please route to :

Init.

Service

Sales

Parts



No. **96-4**

Date : January 19, 1996

**SUBJECT : Headlight Trim**

YEAR	MODEL NAME	MODEL NUMBER	SERIAL NUMBER
1996	Skandic WT	1537, 1539	ALL

**PROBLEM**

Tabs for headlight trim may interfere with spark plug boots.

**SOLUTION**

Cut the 2 center tabs of the headlight trim.

**PROCEDURE**

Remove the headlight trim by removing the 4 rubber grommets holding it to the hood.

Mark and cut 6 mm (1/4 in) off of the two center tabs. Remove any sharp corners by rounding off the edges. Refer to the following illustration.

Reinstall the trim onto the hood using the 4 previously removed grommets.

**WARRANTY**

Complete a warranty claim form using the following information :

Campaign number : 96-006

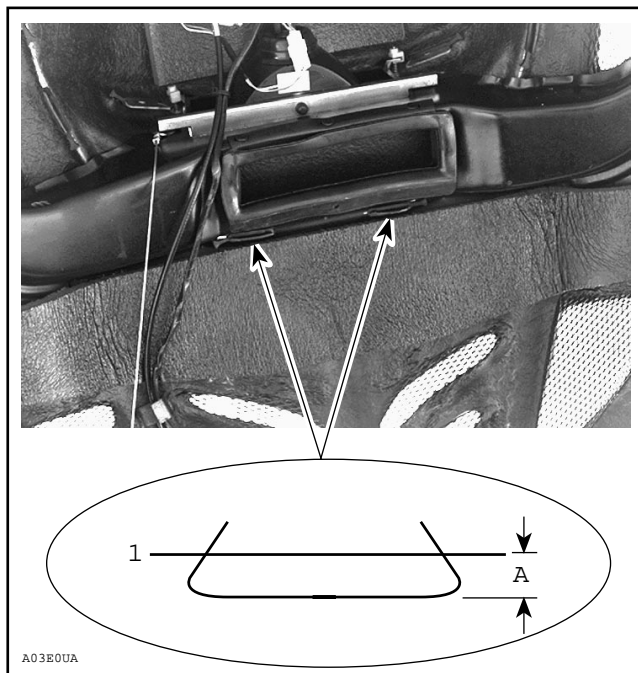
Claim type : 07

Expiration date : January 31, 1997

Flat rate time : 0.3 hour

For claiming procedure, refer to your *Dealer Warranty Guide*.

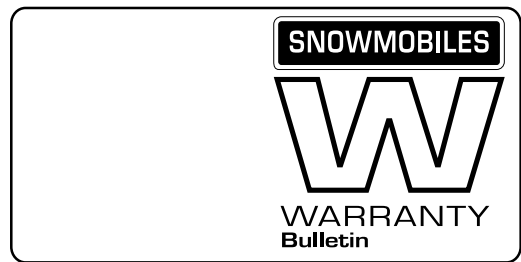
Please update your *Shop Manual* by indicating the number of this bulletin in section 09 of the *1996 Shop Manual, Volume 3 (P / N 484 0647 02)*.



1. Cut here  
A. 6 mm (1/4 in)

Please route to :

<input type="checkbox"/> Service	<input type="checkbox"/> Init.
<input type="checkbox"/> Sales	<input type="checkbox"/>
<input type="checkbox"/> Parts	<input type="checkbox"/>



No. **96-5**  
**REVISION 1**

Date : May 10, 1996

**SUBJECT : Upper Idler Wheels**

YEAR	MODEL NAME	MODEL NUMBER	SERIAL NUMBER
1996	Grand Touring 500	1067, 1068, 1069	ALL
1996	Grand Touring 580	1070, 1071, 1072	ALL
1996	Formula SLS	1049, 1050, 1094	ALL
1996	Formula STX	1054, 1055, 1098	ALL
1996	Formula STX LT	1056, 1057, 1099	ALL
1996	Summit 500	1058, 1059, 1060	ALL
1996	Summit 583	1064, 1065, 1066	ALL
1996	Summit 670	1061, 1062, 1063	ALL
1996	Formula-SS	1078, 1079, 1080	ALL
1996	Formula-Z	1090, 1091, 1092	ALL

## PROBLEM

Upper idler wheels on the above mentioned models may freeze and wear prematurely.

## SOLUTION

Replace worn idler wheels (144 mm dia.) with new rubber coated idler wheels (155 mm dia.).

Inspect condition of upper idler wheels at regular servicing. **If a flat spot is visible**, wheels are to be replaced, refer to following procedure.

## PARTS REQUIRED

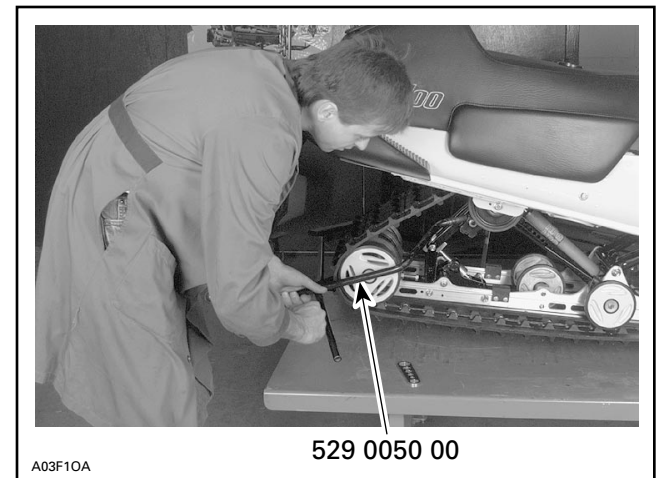
Description	Part Number	Quantity
Upper Idler Wheel	572 0943 00	2

## PROCEDURE

### All Models

Lift rear of vehicle.

Slightly turn adjusting cam to expose spring end. Using spring installer/remover (P/N 529 0050 00), remove springs from adjusting cams (one on each side).



Unbolt rear arm axle from chassis.

**All Models Except Summit**

Unscrew set screws from locking ring at each end of top axle.

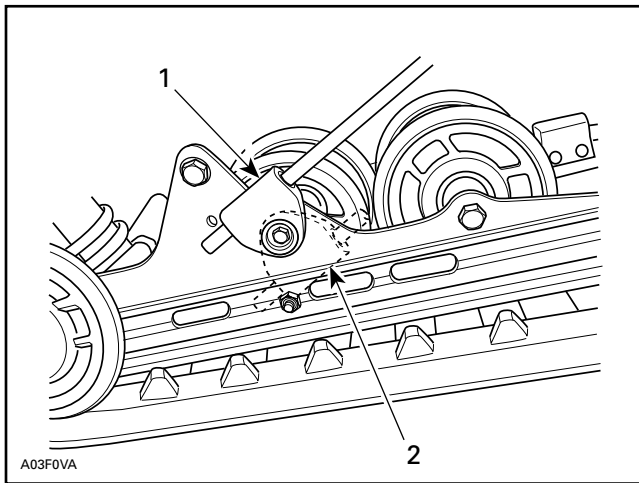
**All Models**

Remove locking rings (spacers on Summit) and top idler wheels.

Install new idler wheels.

At reassembly, wheel circlip must face outward.

▼ **CAUTION** : To avoid track damage, spring support must be mounted upward.



**RIGHT SIDE SHOWN**

- 1. Right position: upward
- 2. Wrong position

## WARRANTY

Normal warranty applies.

Complete a warranty claim form using the following information:

Claim Type	01
Job Code	0863
Flat Rate	0.3 hour

For claiming procedure, refer to *Dealer Warranty Guide*.

Please update the appropriate *Shop Manual Volume*, Section 07-01 with this bulletin number.

Please route to:

<input type="checkbox"/> Service	<input type="checkbox"/> Init.
<input type="checkbox"/> Sales	<input type="checkbox"/>
<input type="checkbox"/> Parts	<input type="checkbox"/>



No. **96-6**  
Update

Date: August 15, 1996

**SUBJECT: Skandic WT Transmission**

YEAR	MODEL NAME	MODEL NUMBER	SERIAL NUMBER
1996	SKANDIC WT	1537 (CDN) 1539 (USA)	ALL

## PROBLEM

On the above mentioned models, the transmission may shift to neutral while driving.

## SOLUTION

Replace transmission parts with new improved parts listed below.

## PARTS REQUIRED

DESCRIPTION	P/N	QTY
29 T Sprocket	M875 1560 81	1
Clutch wheel	M875 1460 38	1
Spring	M875 1478 18	1
Bracket	M534 1669	1
Screw	222 0616 65	1
Flange nut	228 7610 45	1
Cover seal	M875 1464 11	1
Oil Seal	M614 1025 52	1

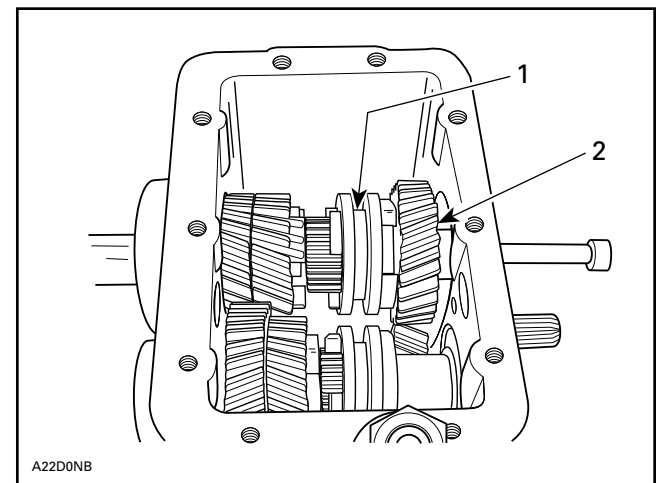
**NOTE:** Order and install all the parts described in this bulletin. Replacing one part only will not solve the problem.

**◆ WARNING**

Any transmission repairs must be performed by an authorized Bombardier snowmobile dealer, or other such qualified person. Sub-component installation and assembly tolerances require strict adherence to procedures detailed.

## PROCEDURE

- Remove brake disk and driven pulley.
- Remove dipstick. Unfasten top cover and upper side cover from gear box housing.
- Using a pusher, drive out upper fork axle from LH side. Remove upper fork only.
- Remove spring pin retaining spring and plunger.
- Remove spring and replace with new one.



1. Clutch Wheel  
2. Sprocket 29 T



Remove screw and washer from driven pulley shaft end.

➡ Pry oil seal out of gearbox housing.

➡ Remove snap ring.

Push driven shaft pulley out.

Remove clutch wheel and 29 T sprocket and replace with new ones.

Reinstall driven pulley shaft, with clutch wheel and gear in gear box.

Reinstall transmission fork and axle.

**NOTE:** Clean side of transmission and inside of side cover using Loctite 755 cleaning solvent.

Apply Loctite 515 (red) around the 4 bolts locations on the transmission.

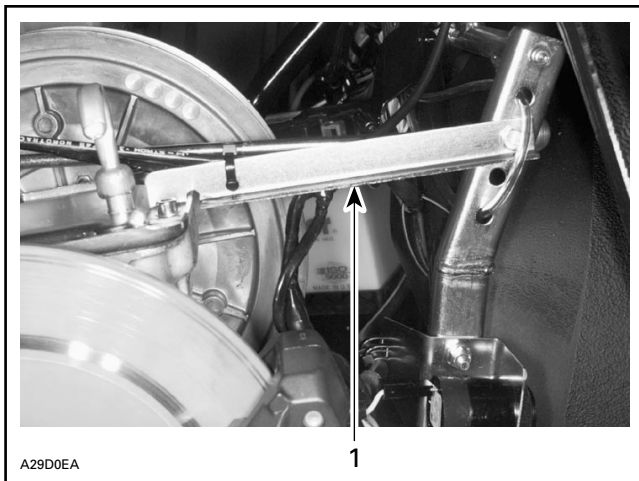
Apply lithium grease on sealed lip of bearing before installing side cover as well as to properly position O-rings.

Install cover onto side of transmission.

Reinstall top cover using new seal.

Reinstall remaining parts in reverse order of removal.

Install new bracket as per the following illustration.



1. Bracket

Secure one end of the reinforcement bracket to transmission housing using existing allen screw.

Secure the other end of reinforcement bracket to steering column support using screw and nut listed in the parts list.

▼ **CAUTION**

Drive belt and pulley adjustments must always be checked whenever pulleys have been removed, replaced or disassembled.

Refer to *Ski-Doo Shop Manual*, Section 05, PULLEY DISTANCE AND ALIGNMENT for proper pulley alignment procedures.

Test vehicle for proper operation.

## WARRANTY

Normal warranty applies.

Complete a warranty claim form using the following information:

Claim type	01
Flat rate time	3.0 hours
Job code	0532

For claiming procedure, refer to the *Dealer Warranty Guide*.

Please update the *Ski-Doo Shop Manual*, Section 05, TRANSMISSION by indicating the number of this bulletin.

Please route to:

Init.

Service

Sales

Parts



Campaign no. 96007

No. **96-7**

Date: October 30, 1996

**SUBJECT: Inner Flange TRA Drive Pulley**

YEAR	MODEL NAME	MODEL NUMBER	SERIAL NUMBER
1996	MACH* 1	1081, 1082	ALL

## PROBLEM

Due to a problem in the assembly procedure of the inner half assy, cracks may appear in the aluminum inner half flange of the drive pulley.

## SOLUTION

Remove TRA drive pulley and replace inner half with new one.

## PART REQUIRED

DESCRIPTION	PART NUMBER
Inner Half	417 0035 03

For government control, a claim must be submitted as soon as the procedure has been performed. Records are for your protection. This procedure is subject to a safety recall which has been reported to the D.O.T. (Department of Transport) and to the C.P.S.C. (Consumer Product Safety Commission). Strict compliance is therefore required for your customer's and your own protection.

**IMPORTANT:** Please find attached a copy of the registered letter mailed directly to registered owners. However, we also ask you to contact your customers to make sure that they have received this notice.

## WARRANTY

Complete a warranty claim form using the following information.

Please ensure to return defective parts.

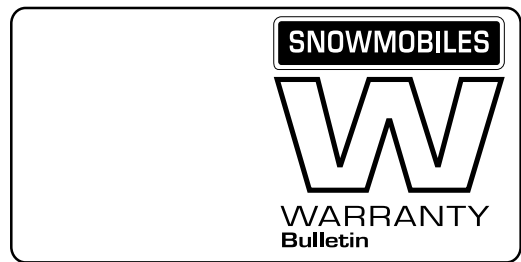
Campaign Number	96007
Claim Type	07
Expiration Date	August 31, 1998
Flat Rate Time	0.3 hour

For claiming procedure, refer to the *Dealer Warranty Guide*.

Please update the *1996 Ski-Doo Shop Manual, Volume 2*, (P/N 484 0628 01) by indicating the number of this bulletin in section 05-02.

Please route to:

<input type="checkbox"/> Service	<input type="checkbox"/> Init.
<input type="checkbox"/> Sales	<input type="checkbox"/>
<input type="checkbox"/> Parts	<input type="checkbox"/>



Campaign no.96008

No. **96-8**

Date: August 20, 1996

**SUBJECT: Skandic WT Regulator**

YEAR	MODEL NAME	MODEL NUMBER	SERIAL NUMBER
1996	SKANDIC* W/T	1537/1539	ALL

## PROBLEM

The heat generated by the muffler and/or short circuit at tail lamp may cause damage to the internal circuits of the voltage regulator.

## SOLUTION

Remove voltage regulator and reinstall on the right side of the front member between footrest and battery.

Check tail lamp wires for short circuit.

## PARTS REQUIRED

DESCRIPTION	P/N	QTY
Locking Tie	414 1152 00	1
Washer	224 0511 11	1
Rivet	390 4096 00	2
Screw	732 6010 67	1

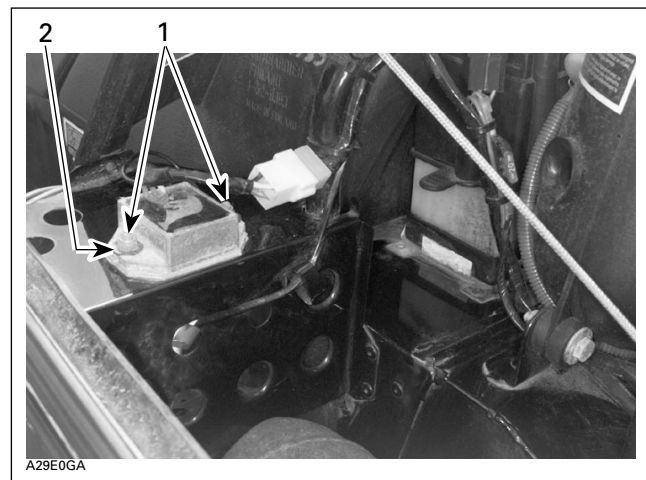
## PROCEDURE

### Removal

Unscrew and remove bolts and nuts retaining the voltage regulator to the foot rest.

Cut locking tie retaining wires to steering column.

Remove voltage regulator with plate.

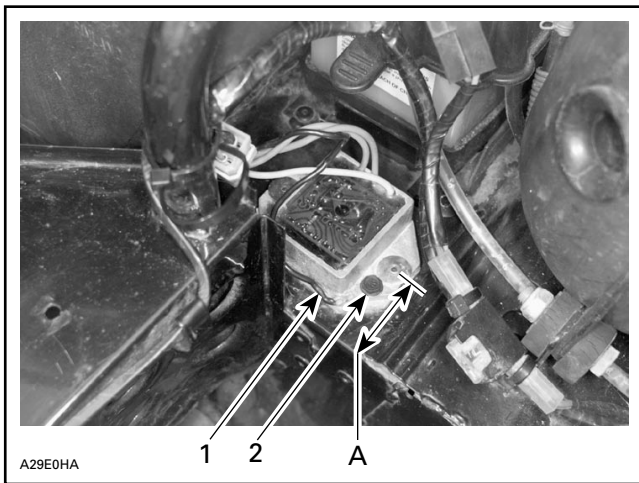


ORIGINAL LOCATION FROM FACTORY

1. Screw with lock nut
2. Ground wire

### Installation

Using the plate, locate and mark location of the 2 new holes on the front member. Refer to the following illustration for proper location.



**NEW LOCATION**

- 1. Ground wire
- 2. Self tapping screw
- A. 40 mm (1 1/2 in)

Drill two (2) 4.2mm (.166 in) holes using #19 drill. Apply dielectric grease (P/N 413 7017 00) between front member, plate and voltage regulator. Install plate, voltage regulator and secure with rivets.

Drill a 4.6 mm (3/16 in) hole in regulator base. Install ground wire terminal with self tapping screw and washer then tighten.

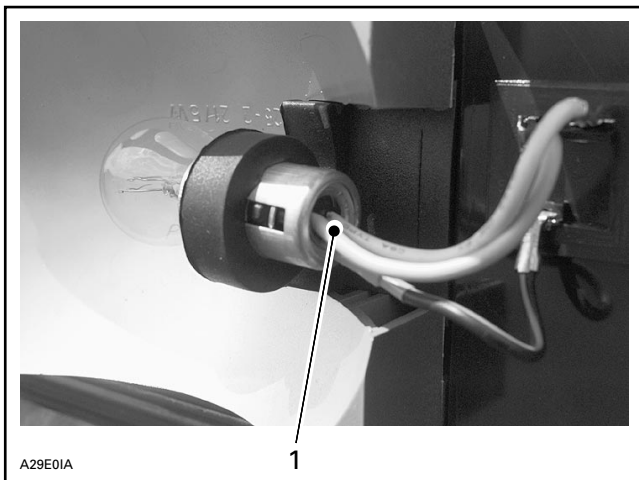
Make sure terminal and regulator base are properly clean to provide good ground connection.

Secure voltage regulator wires to steering support column with new locking tie.

**Tail Lamp Wires**

Remove tail light lens.

Check wires at the base of socket for proper connection.



- 1. Check wire connections

Please update the *1996 Ski-Doo Shop Manual, VOLUME 3 (P/N 484 0628 02)* Section 06-06, with this bulletin.

**WARRANTY**

Complete a warranty claim form using the following information:

Campaign Number	96008
Claim Type	07
Expiration Date	August 31, 1998
Flat Rate Time	.4 hour

For claiming procedure, refer to your *Dealer Warranty Guide*.

Please route to:

	Init.
<input type="checkbox"/> Service	<input type="checkbox"/>
<input type="checkbox"/> Sales	<input type="checkbox"/>
<input type="checkbox"/> Parts	<input type="checkbox"/>



Campaign no. 96010

No. **96-9**

Date: October 30, 1996

**SUBJECT: Air Intake Silencer Assembly**

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
1996	MACH* Z Canada/U.S.	1084/1085	ALL
1996	MACH Z LT Canada/U.S.	1087/1088	ALL

## PROBLEM

If the air intake silencer assembly is advanced fully forward and the throttle is applied, the carburetor lever may be unable to return to idle position and remain in a 1/2 to 3/4 open position.

## SOLUTION

Remove existing air intake silencer assembly and replace with new one.

## PART REQUIRED

DESCRIPTION	PART NUMBER
Air Intake Silencer Assembly	580 6477 02

## PROCEDURE

- Turn steering to the left.
- Remove belt guard.
- Unplug breather vent from side of double air intake silencer then remove bolt.
- Remove double air intake silencer.
- Remove vent from single air intake silencer then remove bolt.
- Remove single air intake silencer.
- Replace single air intake silencer with new one.
- Reinstall parts in reverse order of removal.

**NOTE:** When reinstalling air intake silencers, assure to position intake adaptors flush with the carburetor stoppers.

Make sure there are no parts interfering with the throttle lever and that the throttle mechanism is functioning properly.

## WARRANTY

Complete a warranty claim form using the following information.

Please ensure to return defective part.

Campaign Number	96010
Claim Type	07
Expiration Date	December 1st, 1998
Flat Rate Time	0.3 hour

For claiming procedure, refer to the *Dealer Warranty Guide*.

Please update the *1996 Ski-Doo Shop Manual, Volume 3*, (P/N 484 0628 02).

For government control, a claim must be submitted as soon as the procedure has been performed. Records are for your protection. This procedure is subject to a safety recall which has been reported to the D.O.T. (Department of Transport) and to the C.P.S.C. (Consumer Product Safety Commission). Strict compliance is therefore required for your customer's and your own protection.

**IMPORTANT:** Please find attached a copy of the registered letter mailed directly to registered owners. However, we also ask you to contact your customers to make sure that they have received this notice.

Please route to :  
Init.

Service \_\_\_\_\_

Sales \_\_\_\_\_

Parts \_\_\_\_\_

**ski-doo.**



**WARRANTY**  
**Bulletin**

W

Campaign no. 96001

No.96-50

Date : September 28, 1995

**SUBJECT : Brake System**

YEAR	MODEL NAME	MODEL NUMBER	SERIAL NUMBER
1996	MX Z 440	1051	SEE ATTACHED

## PROBLEM

Rust accumulation in solid hydraulic brake line.

## SOLUTION

Refer to the attached list of vehicle serial numbers. Remove solid hydraulic brake line/hose and brake caliper assembly, replace with new parts.

## PARTS REQUIRED

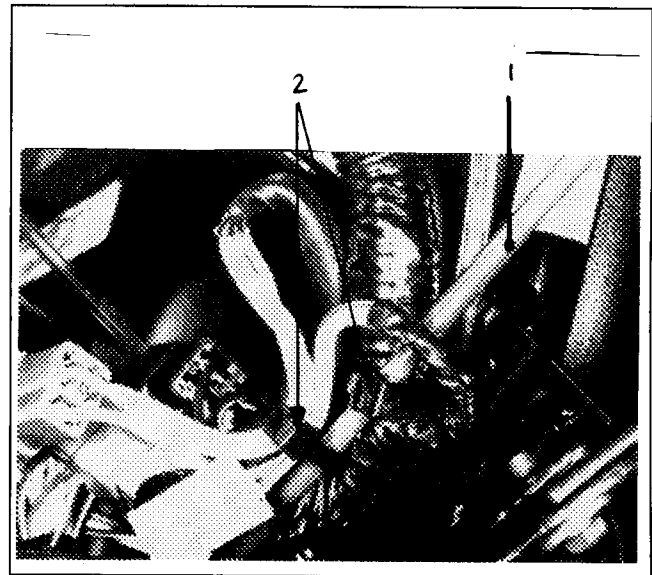
Description	P / N
Brake Caliper / Hydraulic Brake Hose Assembly (Includes: Caliper, Hose, Washer (2), Bolt)	414 9200 10
Locking Tie (3)	414 1152 00
Locking Tab	507 0299 00

▼ **CAUTION:** Before loosening or removing any parts from the vehicle brake system, assure that the work area is dry and clean.

## PARTS REMOVAL

Open hood.

Cut 2 locking ties that are retaining the brake line. Refer to following photo.



1. Brake line

2. Cut these 2 locking ties

Cut locking tie that is retaining brake hose to wiring harnesses near top of steering column.

Drain brake fluid from system by the bleeder.

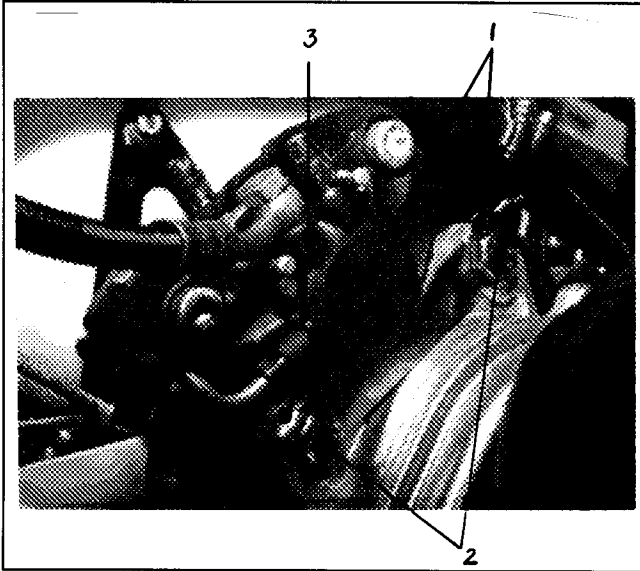
Unscrew brake line fitting at master cylinder and install cap from new brake hose.

▼ **CAUTION:** Upon removal of brake line at master cylinder location, plug the end of the line so as not to spill any brake fluid on the master cylinder or vehicle's body / hood. Should brake fluid spill, rinse with tap water first then wipe with a clean cloth.

At caliper location, bend locking tabs upward.

Remove bolts, locking tab, brake caliper assembly, brake hose and brake line from vehicle.

Do not discard bolts.



1. Bend locking tabs upward
2. Remove bolts then locking tab
3. Remove caliper

## INSTALLATION

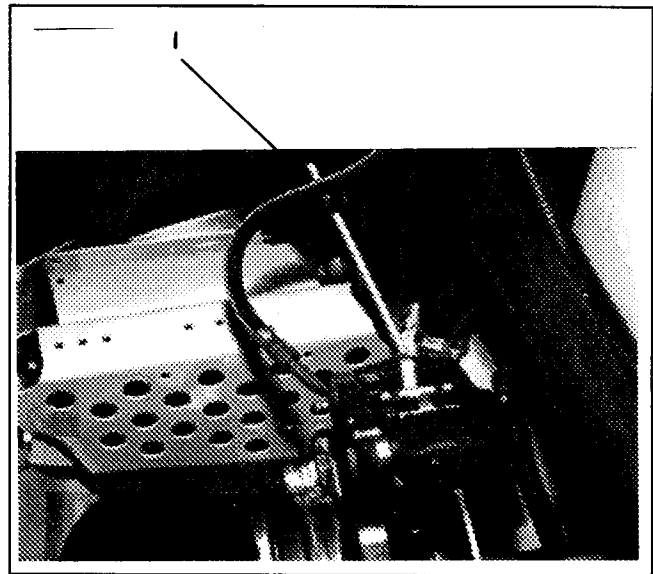
◆ **WARNING:** Clean any spilled brake fluid from brake disk. Avoid getting any fluids (brake fluid, oil, lubricants, etc.) on brake pads.

Install brake caliper assembly.

Install locking tab then bolts. Torque bolts to 24 N m (18 lbf ft). Bend tabs downward over each bolt head.

Route hydraulic brake hose out then upward.

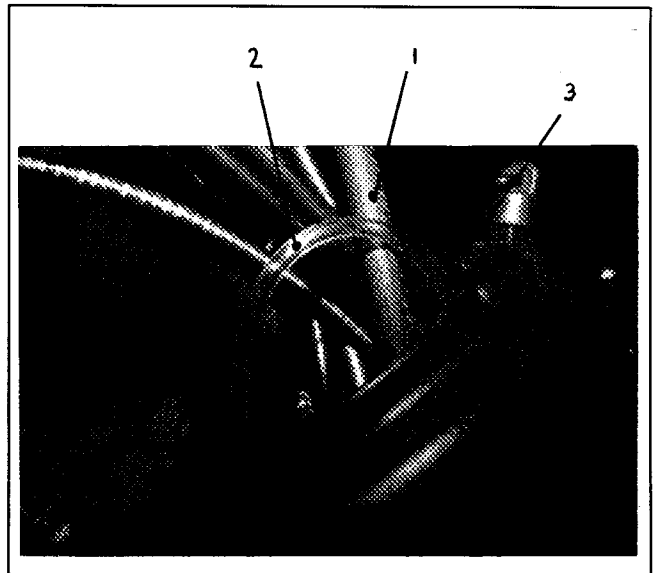
◆ **WARNING:** Pay close attention when routing the brake hose upward. Avoid contact with the rewind starter cord.



1. Route brake hose away from rewind starter cord

Route brake hose up through steering tube opening. Follow existing wire routing from engine compartment.

Assure to route the brake hose behind the clear breather hose as shown.



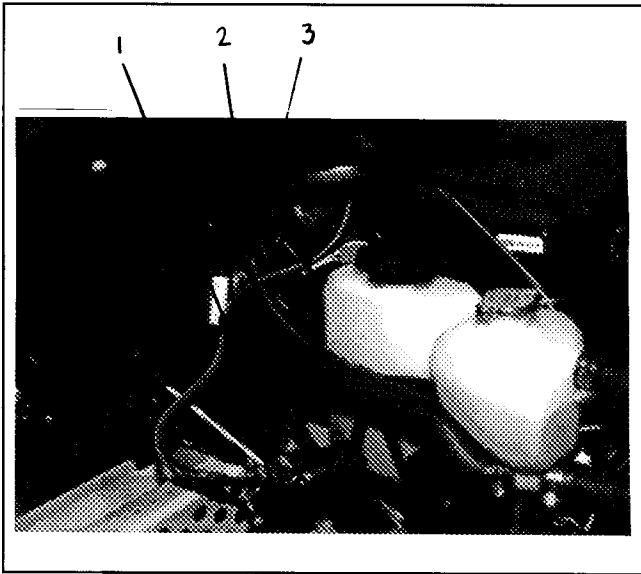
1. Brake hose
2. Breather hose
3. Steering tube opening.

Install fitting to master cylinder. Torque bolt 10 to 14 N m (89 to 124 lbf in).

Install 1 locking tie to secure brake hose.

First, secure brake hose to vertical frame tube then secure to existing wiring harnesses. Refer to photo on next page.





1. Locking tie to vertical frame tube
2. Locking tie to wiring harness upper column slot
3. Locking tie to secure wiring harness to main wiring harness.

▼ **CAUTION:** Use caution when installing locking ties not to pinch vent hose.

Bleed brake system as follows :

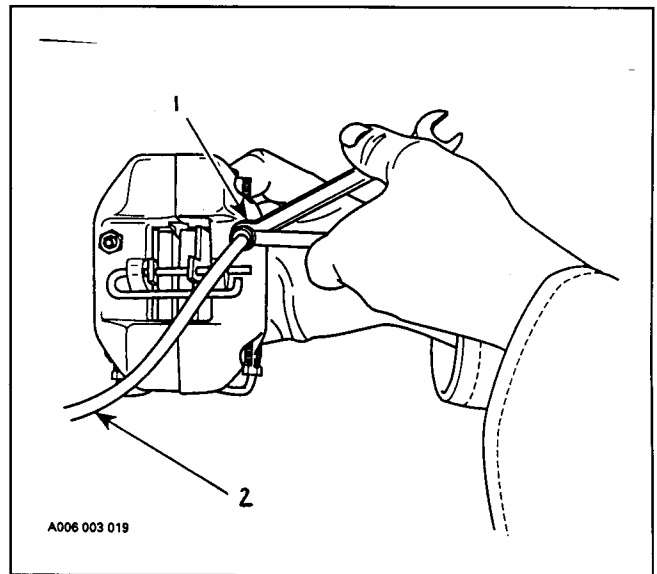
Keep sufficient DOT 4 brake fluid reservoir at all times.

Install a hose on left side bleeder. Route this hose to a container.

Pump brake lever a few times and while holding brake lever depressed, open bleeder and check for air to escape.

Repeat with the same bleeder until no air appears in hose.

Proceed the same way with right side bleeder.



1. Hold bleeder adaptor while opening bleeder
2. Clear hose to catch used brake fluid

Refer to *Ski-Doo Shop Manual* for more details concerning the hydraulic brake system as well as proper removal/installation procedures.

**Parts will be shipped and charged directly to the dealer. Upon receipt of returned parts, a credit will be issued.**

Complete a warranty claim form using the following information :

Campaign number	96001
Claim type	07
Expiry date	December 15th, 1995
Flat rate time	0.4 hour

