



TCRA

Torque Converter Rebuilders Association

2007 TCRA Seminar May 18-19th 2007

Presented by:

Joe Rivera

ProTorque

TCRA President





TCRA

Torque Converter Rebuilders Association

CHUCKING LIM

PERMISSIBLE AT INNER EDGES
PROJECT OUTSIDE "H" SURFACE

DIMENSION D

SEAL AREA

PLANE
ESTABLISHED BY LUGS



2
MIN

4.89

71.82
MAX

1.202

RUN
EXCL
RUN
EXCL
MIN



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CHUCKING LIM

PERMISSIBLE AT INNER EDGES
PROJECT OUTSIDE "H" SURFACE

DIMENSION D

SEAL AREA



PLANE N

6.84 R

6.66 R

2" MIN

4.89

71.8 R MAX

20" MIN

40" MIN

1.202

PLATE WITH
WHEEL
POINT
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EXCL
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EXCL
MISC



TCRA

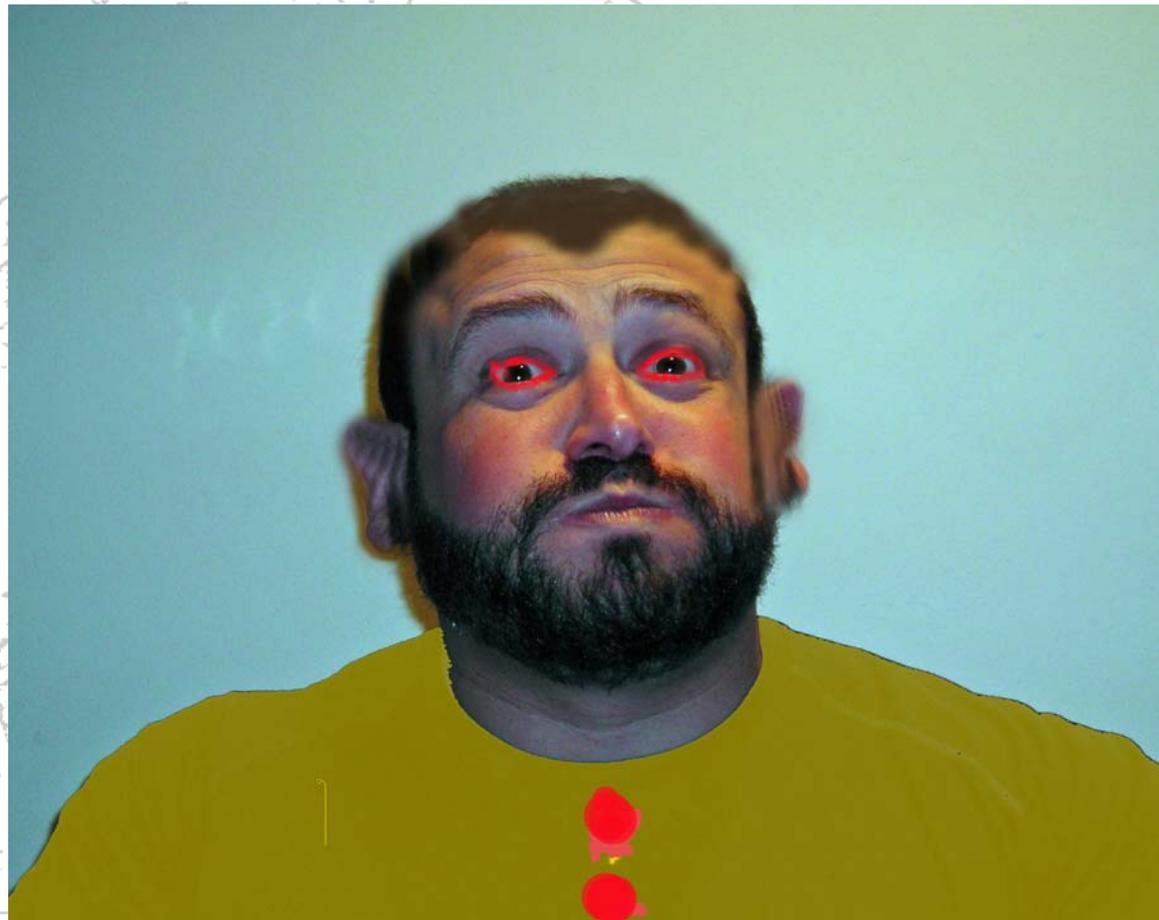
Torque Converter Rebuilders Association

JACKING LIM

PERMISSIBLE AT INNER EDGES
PROJECT OUTSIDE "H" SURFACE

DIMENSION D

SEAL AREA



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CHIPPING LIM

PERMISSIBLE AT INNER EDGES
PROJECT OUTSIDE "H" SURFACE

DIMENSION D

SEAL AREA



PLANE N

684R

666P

2" MIN



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CHUCKING LIM
PERMISSIBLE AT INNER EDGES
PROJECT OUTSIDE "H" SURFACE



DIMENSION D

TCRA....So EASY ...
a converter builder
can do it !!!



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DIMENSION
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1.110



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CHECKING DIM

PERMISSIBLE AT INNE
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PLANE
ESTABLISHED BY LUGS
(SEE MACHINING)

SELECT WASHER
AS PER TABLE
TO OBTAIN
DIMENSION
(BEFORE WELDING)

PLANE



DIMENSION D

SEAL AREA

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307E

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AND

469E RUNC

EXCL

523B PLAN

WITH

WHEI

POIN

RUNC

EXCL

RUNC

EXCL

RUNC

EXCL

RUNC



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Lets get motivated !!!!



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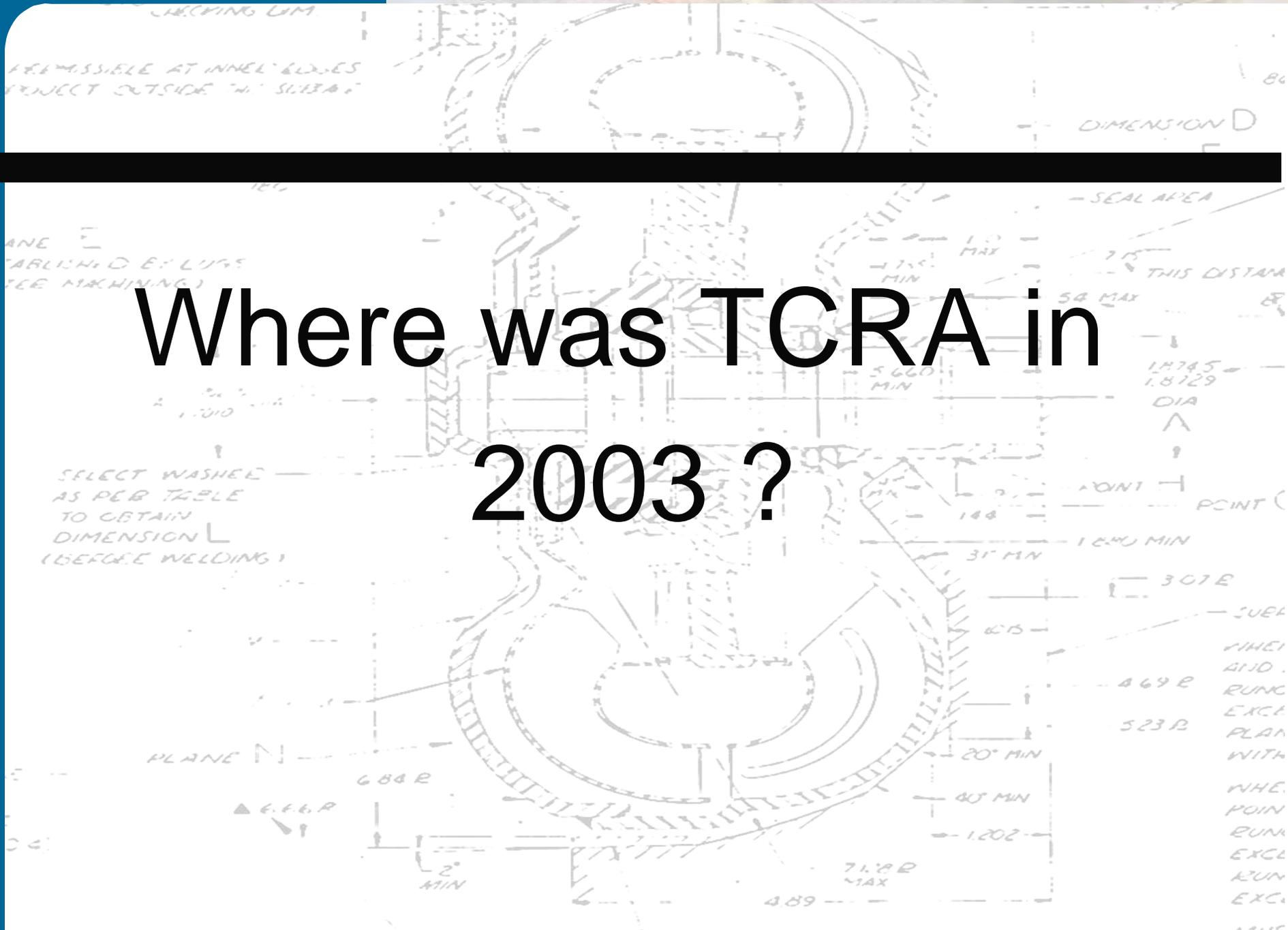
MIN



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Where was TCRA in 2003 ?



2003

- In 2003 we had 80K in assets **down over \$32K** from the previous year
- 61 members
- We had **NO** sponsors
- We had **NO** website
- We were not providing technical content to the trade publications
- We were **losing** money (**\$32K in the RED !!!**)



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Where is TCRA in 2007 ?

MARKING DIM
PERMISSIBLE AT INNER EDGES
PROJECT OUTSIDE "H" SURFACE

PLANE
ESTABLISHED BY LUGS
(SEE MACHINING)

SELECT WASHES
AS PER TABLE
TO OBTAIN
DIMENSION
(BEFORE WELDING)

PLANE N

684 R

666 P

2" MIN

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MAX

4.89

DIMENSION D

SEAL AREA

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POINT

1.840 MIN

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PLAN

WITH

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POINT

RUNG

EXCL

2007

- In 2007 we have \$82K in assets
- 102 members
- 5 Platinum sponsors
- 9 Gold sponsors
- We have a continually evolving website
- We have created six separate committees
- We are providing technical content to the trade publications.
- We are not losing money and headed ...
in the right direction 😊

Website Statistics

- Over 300 hi resolution images (does not count thumbnails, banners, etc)
- 113 PDFs, these are newsletters, tech tips, etc
- 110 users (some companies have more than 1 person)
- Approximately 13,000 times each platinum sponsors banner has been seen on a page.
- Approximately 18,000 times each gold sponsor has been seen.
- Over 350 pages, with many dynamic pages that don't directly come up hits are hard to tell but the banner ads give some clue to traffic.

2003 - 2007 Overview

- Membership has almost doubled
- We have gained over 5 Platinum sponsors and 9 Gold sponsors
- We have created and maintained the only technical orientated website that is specific to the torque converter industry.
- We have provided technical content to both trade magazines
- This year will be the third year that we toured a major influential company in this industry.
- We have gotten some of the BIGGER torque converter companies involved in the organization including: Dacco, CVC, AXIOM, Certified of Omaha, Transtar, Precision of New Hampton, etc.



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How did we do it?

Commitment and Dedication
from the
Board Members
and the Sponsors !!!

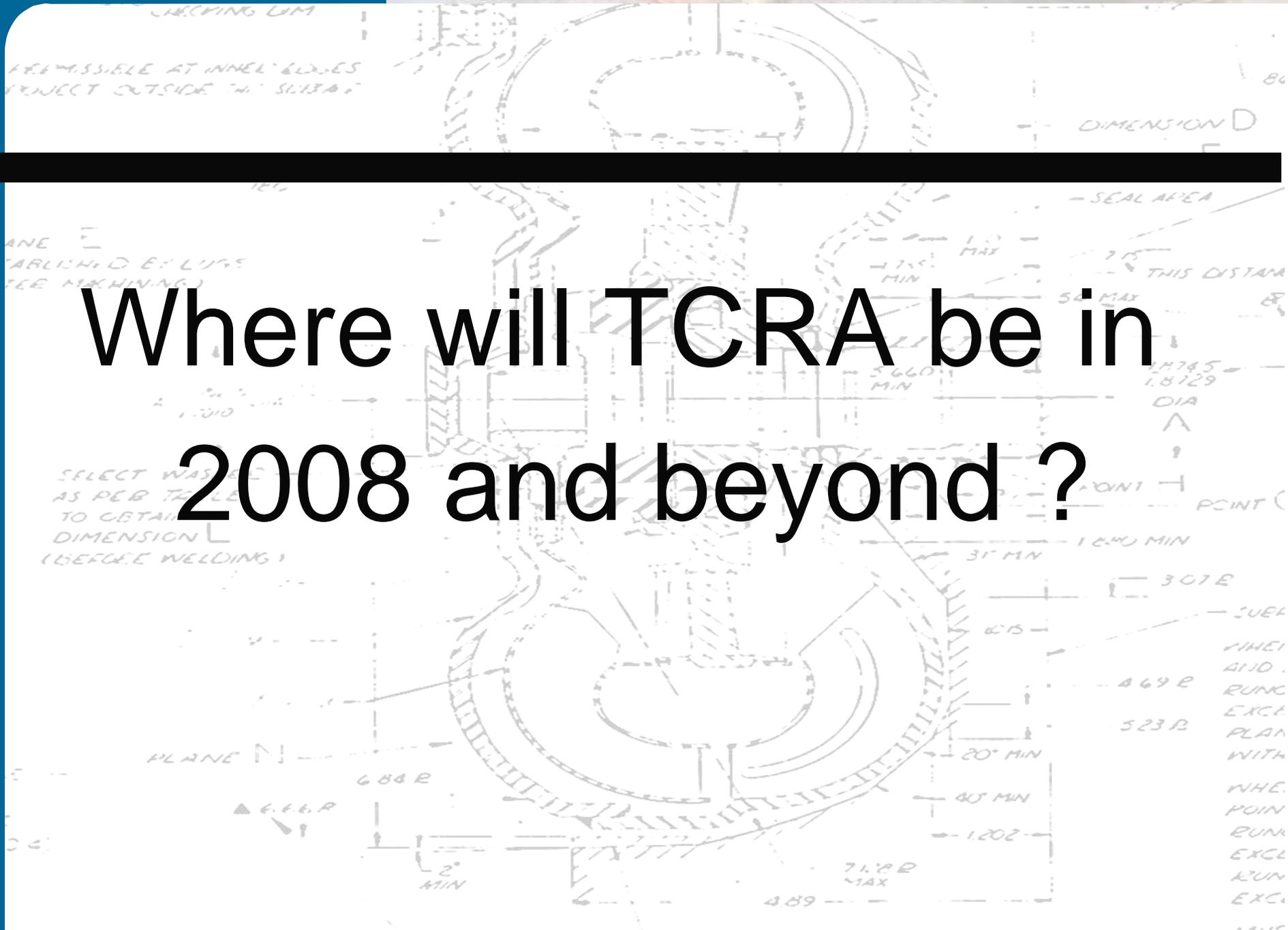




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Where will TCRA be in
2008 and beyond?



So where are we headed in 2008?

- The goal is 120 members
- 6-8 Platinum sponsors
- 12- 15 Gold sponsors
- We redo the website and make improvements to add videos and a better communications network. And send out a free torque converter tech tip to the trans shops via e-mail
- We continue to provide technical content for trade publications
- We create one more committee (finance committee)
- We put two new board members on the board and add at least 5-8 new committee members

Going into the future...

- **Improved services to TCRA members.**
 - By continually gain members and sponsors TCRA will create revenue in order to make improvements and offer better services
- **Improved services to the Transmission industry**
 - Most important we continue to educate the Torque Converter Industry and the Transmission Repair Industry



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How will we do it?

Commitment and Dedication
from the existing members and sponsors
AND
NEW Board Members !!!
NEW Sponsors !!!

This is up to YOU !!!

TCRA is YOUR organization and like anything else

You will get out ...what you put in.

In order for growth TCRA will need not only monetary resources but it will need...

“Intellectual Resources”

Committee Member Requirements

- One Main teleconference monthly approx 30-45 minutes
- Annual Seminar
- One hour weekly to respond to e-mails within the board
- Two tech tips for newsletter yearly
- Two hours monthly to make phone calls (sponsorship, membership, technical, etc)
- Which will really equal up to less than one full day a month not including the seminar.

Board Member Requirements

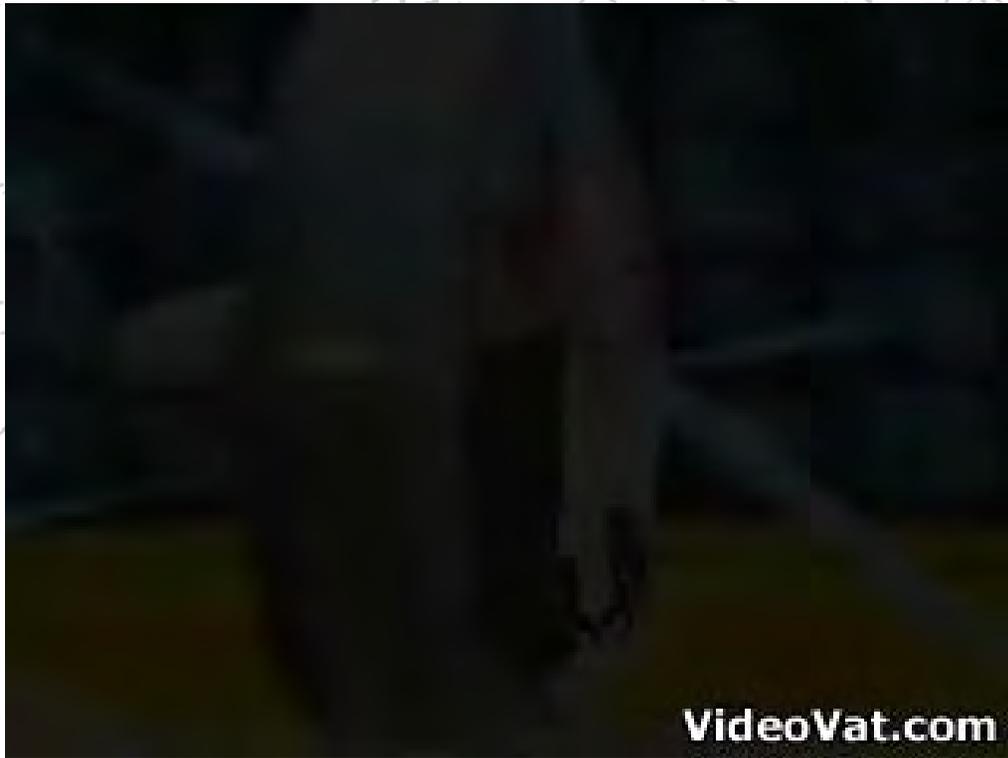
- One Main teleconference monthly (45- 60 Minutes)
- One Sub-committee conference monthly (30- 45 Minutes)
- Annual Seminar
- One hour weekly to respond to e-mails within the board
- Two articles per year
- Two tech tips for newsletter yearly
- Two hours monthly to make phone calls (sponsorship, membership, technical, etc)
- Which will really equal up to approx one full day a month (not including the seminar).



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We all make mistakes Speaking can sometimes be difficult



VideoVat.com





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But keep in mind ...we all make some mistakes...





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Mistake ?

MARKING DIM
PERMISSIBLE AT INNER EDGES
PROJECT OUTSIDE "H" SURFACE

PLANE
ESTABLISHED BY LUGS
(SEE MACHINING)

SELECT WASHER
AS PER TABLE
TO OBTAIN
DIMENSION
(BEFORE WELDING)



WWW.STILEPROJECT.COM

DIMENSION D

SEAL AREA

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PLANE N

684R

6.66P

2" MIN

71.8R MAX

4.89

20° MIN

45° MIN

1.202

31" MIN

1.640 MIN

1.48

54 MAX

1.75 MIN

1.0 MAX

7.15



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But keep in mind ...we all make some mistakes...Some bigger than others



CHECKING DIM
PERMISSIBLE AT INNER EDGES
PROJECT OUTSIDE "H" SURFACE

PLANE
ESTABLISHED BY LUGS
(SEE MACHINING)

SELECT WASHER
AS PER TABLE
TO OBTAIN
DIMENSION
(BEFORE WELDING)

PLANE

6.66 P

2" MIN

71.8 P MAX

4.89

SEAL AREA
1.8 MAX
7.15
THIS DISTANCE
5.4 MAX

1.4745
1.8129
DIA
POINT

POINT
1.8 MIN
31" MIN

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WHEEL
AND
4.69 E
RUNG
EXCL
523 P
PLAN
WITH

10" MIN
WHE.
POIN
RUNG
EXCL
RUNG
EXCL

1.202
2.00
4.89
71.8 P MAX
EXCL
RUNG
EXCL

TCRA Member Meeting Agenda

Saturday, May 19, 2007 5:30 PM EST

TCRA BOD President Joe Rivera to call the meeting to order.
Attendance to be noted via pass-around sign in sheet.

Review of Financial data:

1. Income figures
2. Balance Sheet

Discussion of Joe Rivera Presentation:
"The value of being a TCRA Member"

Committee Reports (led by Committee Chairman)

1. Newsletter
2. By-Laws
3. Membership
4. Seminar
5. Sponsorship
6. Website

TCRA Member Meeting Agenda

Saturday, May 19, 2007 5:30 PM EST

Old Business

New Business

1. Appeal for more involvement from the members
2. Volunteers to serve on committees
3. Members to apply for positions on the Board of Directors
4. Appeal for additional Sponsors
5. Solicit suggestions for the venue for the 2008 seminar

Adjourn

Call for motion, second and vote for adjournment.

TCRA Report Card

	1998	1999	2000	2001	2002	2003	2004	2005	(Unaudited) 2006	(Unaudited) 2007
Total Revenue		62,882	49,105	43,676	40,029	39,351	53,862	57,968	65,289	51,525
Total Expenses		(29,405)	(32,325)	(25,095)	(31,460)	(71,371)	(72,023)	(56,361)	(64,084)	(27,301)
Net Income (Loss)		33,477	16,780	18,581	8,569	(32,020)	(18,161)	1,607	1,205	24,224
Net Assets/Fund Balance	34,692	68,169	84,949	103,530	112,099	80,079	61,918	63,525	64,730	81,819
Number of Members at Year-End			49	44	40	61	61	79	95	102
Dues/Sponsorships Income		40,150	30,040	22,150	22,560	24,160	35,300	40,690	49,000	35,100
Seminar Income		21,020	18,760	18,000	16,600	14,800	17,820	13,860	13,500	15,850
ED/Consultant/Facilitator Fees		0	0	0	1,500	24,300	24,250	14,250	15,000	7,500
Newsletter Expense		0	100	0	1,200	22,820	16,610	17,260	16,420	5,500
Seminar Expense		13,850	24,310	17,380	21,880	13,400	16,360	11,910	11,370	6,150
Web Design/Hosting		0	0	0	0	0	1,050	3,190	7,800	1,060

Highlights

- In 2002, TCRA started using the "you have to spend money to make money" approach, and the membership growth seems to reflect that. TCRA started to improve its services.
- In 2002, TCRA was able to start paying an Executive Director/Consultant/Facilitator.
- The newsletter became a paid endeavor more professional looking. More consistent. It went from quarterly to monthly.
- In 2004, the website became a reality and TCRA has its own webmaster.
- The seminar expenses, facilitator fees, and newsletter expenses seem to have stabilized, but the website is still growing and improving.
- In 2007, the sponsor list is growing and so is the Member list