

2023

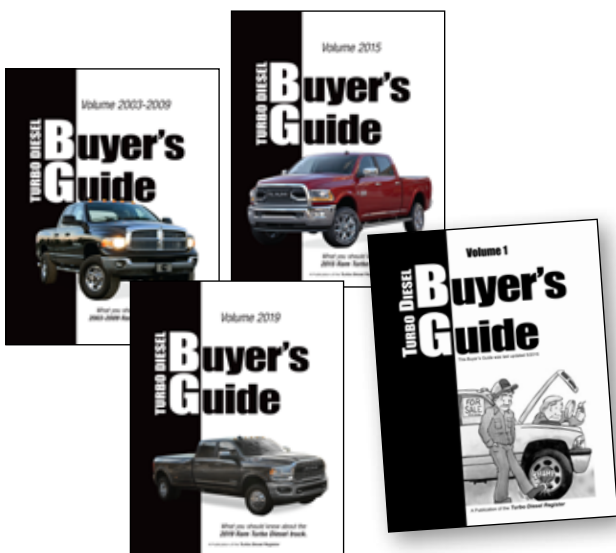
TURBO DIESEL REGISTER CALENDAR



Supplement to the Turbo Diesel Register

THE NUMBER ONE RESOURCE FOR RAM TURBO DIESEL OWNERS

Our quarterly magazine features cover-to-cover information from our writers and membership about the Ram Cummins.



If you or a friend are looking to buy a Ram Cummins Turbo Diesel, you should have one of our Buyer's Guides (available to members at our website).

DO YOU NEED A COMPELLING REASON TO JOIN THE TDR?

Our membership group and writing staff have "been there, done that." We've accumulated millions of miles of knowledge and are more than willing to share our enthusiasm for this great truck. Just ask us.

- Ask us about the 12-valve engine's "killer dowel pin."
- Ask us about biodiesel fuels.
- Ask us about the Block-53 repair and which engines are affected.
- Ask us about the 24-valve engine's need for adequate fuel pressure.

- Ask us about the relationship of diesel fuel prices to crude oil.
- Ask us about DPFs, NACs, DOCs and the Cummins 6.7-liter engine's advantage for the new emissions requirements.
- Ask us about technical service bulletins, product recalls and software "flashes" that may apply to your truck.
- Ask us about lube oils, brake pads, antifreeze, performance boxes – the list is endless. The cost to the uninformed is much greater than it needs to be.

JOIN THE TURBO DIESEL REGISTER TODAY!

An annual subscription to the Turbo Diesel Register is \$35.00
Canadian/International Subscribers: \$45.00

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TURBO DIESEL REGISTER
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NAME: _____
ADDRESS: _____
CITY _____ STATE _____ ZIP _____
PHONE: HOME () _____
WORK () _____
TRUCK YEAR: _____ MODEL: _____
☐ PAYMENT ENCLOSED
☐ BILL MASTERCARD/VISA/AMERICAN EXPRESS/DISCOVER
CARD # _____ EXP. DATE _____

SHOP OUR WAYMORE STAYGONE PRODUCTS

Geno's Garage products that you'll like way more than the other stuff, and they stay gone from inventory a lot.

Back in 2017, the Geno's Garage Board of Directors (BOD) was working on its strategy plan(s) for 2018. From high atop the bar stool at the local tavern came the idea for a new brand of parts: the Waymore Staygone line.

From that corporate wellness seminar, the BOD had heard that branding was the way to sell stuff. This is their attempt to reach a new customer base.

When the BOD was making its presentation to the other tavern bar members they commented, "The customers like our parts way more than the others' stuff, and they stay gone from inventory a lot."

Hence the new brand "Waymore Staygone." Seriously, the staff at Geno's Garage is pleased to showcase several parts that we have developed.



SPLASH WHAM-O TAILGATE PROTECTOR, '09-'23 GG-SPLASH10 '10-'23, 3500/2500 & '09-'18 1500 GG-SPLASH20 '19-'23, 1500 New Body Style

Protect the tailgate from dents and prevent water splashing with the Splash Wham-o tailgate protector. It is similar in texture to the factory plastic cover. We supply new mounting hardware to hold the cover in place.



BORGESON REMAN STEERING BOX, '94-'02 4WD

This Series 680 steering box provides variable assist, quicker turning ratio for 3.5 turns lock-to-lock, greater power assist and larger diameter bearings to support the Pitman shaft.



AFTERMARKET DASHBOARD, '98-'02

This is not a cover, it is a full replacement dashboard. It is made with a heavy-duty ABS plastic that is designed to help keep the sun from making it crack like the original dashboard. This Dodge Ram dash is more durable than the original OEM part. The dash cover is only available in black and we recommend that you paint it to match the interior color in your truck.



\$279.95
DOD8-2



GENO'S GARAGE DUROFOAM SEAT CUSHIONS, '94-'19

We've addressed some of the shortcomings of the '94-'19 Ram Turbo Diesel OEM cushion by using a higher quality foam to make them more durable, raising the left side to match the right side and reinforcing the bottom.

Includes detailed installation instructions.

*Visit our website for
seat styles and applications.*



RAM TURBO DIESEL PARTS & ACCESSORIES

1500 • 2500 • 3500
4500 • 5500



f genosgarage.com • 770-886-2500


Monday-Friday: 8:30AM to 5:30PM EST • Tech Support 770.886.2500



Michael DaRosa

2023 JANUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 <small>NEW YEAR'S DAY</small>	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16 <small>MLK DAY</small>	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31			<div>DECEMBER 2022 S M T W T F S 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31</div>	<div>FEBRUARY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28</div>




TECH TIP

BATTERIES


In TDR Issue 99, pages 108-111, writer Moses Ludel talked about his 2005 Turbo Diesel and its batteries that lasted 13 years.

His tips: I credit the longevity to three proactive measures:

- 1) Methodical use of a Battery Tender,
- 2) Adding distilled water to an allegedly 'maintenance free' battery, and
- 3) Use of the engine block heater whenever practical in wintertime.



By the way – if you have one “bad” battery, chances are the other is likely to fail. The term for this is “cannibalization” and it is just that. The good battery cannot compensate for the bad cell in the other unit and it falters, too.
(TDR Issue 117, page 22)



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Laurence Ebersole

2023 FEBRUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<div>JANUARY</div> <div>S M T W T F S</div> <div>1 2 3 4 5 6 7</div> <div>8 9 10 11 12 13 14</div> <div>15 16 17 18 19 20 21</div> <div>22 23 24 25 26 27 28</div> <div>29 30 31</div>			1	2	3	4
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TECH TIP

EGR COOLER CLEANING

What? The exhaust gas recirculation cooler on the 2007.5-current 6.7-liter engine has to be cleaned? Where is that in my Owner's Manual? (Trust us, it is in the OM, service is needed at 67,500 miles.)

Okay, how do you do this service?

The folks at Geno's Garage have an "EGR Cleaning Kit" (gaskets, plugs, metal gaskets) that cost about \$60.

More importantly, they send a detailed "How To" list of instructions to walk you through the process (about two-hours) and save you valuable dollars.

Geno's Garage: Your parts and accessories source for all-things Ram/Cummins Turbo Diesel.



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770-886-2500



Robert Schwarzli

2023 MARCH

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<div>FEBRUARY</div> <div>S M T W T F S</div> <div>1 2 3 4</div> <div>5 6 7 8 9 10 11</div> <div>12 13 14 15 16 17 18</div> <div>19 20 21 22 23 24 25</div> <div>26 27 28</div>			1	2	3	4
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19	20	21	22	23	24	25
26	27	28	29	30	31	<div>APRIL</div> <div>S M T W T F S</div> <div>1</div> <div>2 3 4 5 6 7 8</div> <div>9 10 11 12 13 14 15</div> <div>16 17 18 19 20 21 22</div> <div>23 24 25 26 27 28 29</div> <div>30</div>

product spotlight

Keep the Air Clean – Inside

At Geno's Garage we have put together several video presentations that are helpful in the installation of our products. The video with the most views? "How to Install a Fourth Generation Cabin Filter."

Really, 250,000 views and counting.



In 2014 we discovered that the cabin filter (a part from the Chrysler minivan) would fit the Fourth Generation pickup truck. Cut out an opening, install the filter, add a cover from the Mopar parts catalog and the project is complete.

So, 250,000 folks can't be wrong. Consider adding an interior cabin filter to your Fourth Generation truck. The Cabin Air Filter Kit (filter and cover) are available at Geno's Garage.



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770-886-2500



Bret Rood

2023 APRIL

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<div>MARCH</div> <div>S M T W T F S</div> <div>1 2 3 4</div> <div>5 6 7 8 9 10 11</div> <div>12 13 14 15 16 17 18</div> <div>19 20 21 22 23 24 25</div> <div>26 27 28 29 30 31</div>	<div>MAY</div> <div>S M T W T F S</div> <div>1 2 3 4 5 6</div> <div>7 8 9 10 11 12 13</div> <div>14 15 16 17 18 19 20</div> <div>21 22 23 24 25 26 27</div> <div>28 29 30 31</div>					1
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30						

product spotlight

Keep the Air Clean – Outside

The repair of a truck’s HVAC controls, heater core and air box can be a nasty job. Much of the gunk that is found in the air box could have been prevented, and perhaps postponing the repair. How do you keep the airbox clean?



Consider a Cab Fresh exterior air filter for your truck. The Cab Fresh fits on top of the air vent and it will keep those leaves, pine needles and dust-n-such out of the air box.

The Cab Fresh Filter Kit is an exclusive at Geno’s Garage and the kits are offered for ’94-current model Turbo Diesel trucks.



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Bill Trailer

2023MAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<div>APRIL</div> <div>SMTWTFS</div> <div>123456789101112131415161718192021222324252627282930</div>	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
MOTHER'S DAY	22	23	24	25	26	27
28	29	30	31			<div>JUNE</div> <div>SMTWTFS</div> <div>123456789101112131415161718192021222324252627282930</div>
	MEMORIAL DAY					

WELL, GRANDPA SAID...

Wisdom: the ability to think and act utilizing knowledge, experience, common sense, and insight*

Grandpa said a lot of stuff. Should his wisdom be revered? Let's try an automotive example: Lube oils: Who makes the best lube oil? What would Grandpa say?

Since 2008, the folks at the TDR have been fortunate to have oil expert John Martin write a series of lube oil articles. Each time there was a change in the American Petroleum Institute specification (changes necessary for the lube oils and engines to meet tighter emissions standards), Martin would evaluate the oils. We've gone from category CI to CI+4, then CJ and now CK.

TDR magazine 116 and 117 have the latest updates. The editor shares some "Grandpa" wisdom: *"Lube oil can be purchased as a commodity. As long as it meets the latest API specifications, you can purchase based on lowest price."*

Do you agree?

Take a look at Issues 116 and 117 for the full "John Martin" story.

*Webster Dictionary




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William Wingertsahn

2023 JUNE

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<div>MAY</div> <div>S M T W T F S</div> <div>1 2 3 4 5 6</div> <div>7 8 9 10 11 12 13</div> <div>14 15 16 17 18 19 20</div> <div>21 22 23 24 25 26 27</div> <div>28 29 30 31</div>	<div>Reminder</div> <div>Start taking and submitting</div> <div>your truck photos for the</div> <div>2024 TDR Calendar Contest.</div> <div>Deadline - 9/1/23</div>			1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
FATHER'S DAY						
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TECH TIP


BRAKES

Back in 2004 the Turbo Diesel Register folks (author James Walker) did a series of articles on your truck's brake system. The full contents can be found at the TDR's website, left control panel (member-only area), *The Perfect Collection*, "Brake Systems in Plain English."

A question from the author, "What stops your truck: big brake kit, upgraded brake pads, slotted or drilled rotors, high temperature fluid?"

Answer: All of the above upgrades can help. However, the contact patch between your tires and the road stops the vehicle. (The big brake kit does very little to help you on ice.)

Check out the complete set of brake articles by James Walker in the TDR's *Perfect Collection*.



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Jake Rakers

2023 JULY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<div>JUNE</div> <div>SMTWTFSS</div> <div>123</div> <div>45678910</div> <div>11121314151617</div> <div>18192021222324</div> <div>252627282930</div>	<div>AUGUST</div> <div>SMTWTFSS</div> <div>12345</div> <div>6789101112</div> <div>13141516171819</div> <div>20212223242526</div> <div>2728293031</div>					<div>1</div>
<div>2</div>	<div>3</div>	<div>4</div>	<div>5</div>	<div>6</div>	<div>7</div>	<div>8</div>
		INDEPENDENCE DAY				
<div>9</div>	<div>10</div>	<div>11</div>	<div>12</div>	<div>13</div>	<div>14</div>	<div>15</div>
<div>16</div>	<div>17</div>	<div>18</div>	<div>19</div>	<div>20</div>	<div>21</div>	<div>22</div>
<div>23</div>	<div>24</div>	<div>25</div>	<div>26</div>	<div>27</div>	<div>28</div>	<div>29</div>
<div>30</div>	<div>31</div>					

Reminder
Submit your truck photos for the
2024 TDR Calendar Contest.
Deadline - 9/1/23



TECH TIP

BRAKE FLUID

Brake fluid is hygroscopic. Big word: tending to absorb moisture from the air. This is good.

Really? How so?

Because brake fluid absorbs water into its solution, the local concentration levels are typically low enough that corrosion of brake system components is minimal. This assumes that you change the fluid and/or monitor its condition.

Knowing that maintenance is required, how do you “monitor” the fluid?

Easy, this brake fluid test tool will tell you the moisture percentage.

0-2% - Okay
3-4% - Not so much, time for a change.



KT170120 at Genos Garage



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Miguel Garcia

2023 AUGUST

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<div>JULY</div> <div>S M T W T F S</div> <div>1</div> <div>2 3 4 5 6 7 8</div> <div>9 10 11 12 13 14 15</div> <div>16 17 18 19 20 21 22</div> <div>23 24 25 26 27 28 29</div> <div>30 31</div>	<div>SEPTEMBER</div> <div>S M T W T F S</div> <div>1 2</div> <div>3 4 5 6 7 8 9</div> <div>10 11 12 13 14 15 16</div> <div>17 18 19 20 21 22 23</div> <div>24 25 26 27 28 29 30</div>	1	2	3	4	5
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13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	<div>Reminder</div> <div>Submit your truck photos for the 2024 TDR Calendar Contest.</div> <div>Deadline - 9/1/23</div>	



TECH TIP

Automatic Transmission Fluid Change

In a standard change of the automatic transmission fluid (ATF), only about five quarts of the old fluid can be drained out. To get a complete change (for example, when switching to synthetic fluid), disconnect the transmission cooler line at the radiator, cut and fit a piece of hose to the coupler end, and place the other end in a five-gallon container.

Put your truck in NEUTRAL with the brake on and start the engine. ATF will flow into the container. As soon as the flow begins to dwindle, immediately shut off the engine.

Measure the fluid that you removed using this all-the-fluid maintenance technique. Change your transmission filter. Reattach the cooler line and refill the transmission with the same amount of fluid that came out of the transmission. Project complete.

TDR Issue 64, pages 11-12 has all of the details.



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Darryl Cross

2023 SEPTEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<div><div>AUGUST</div><div><div>S</div><div>M</div><div>T</div><div>W</div><div>T</div><div>F</div><div>S</div></div><div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div><div>12</div><div>13</div><div>14</div><div>15</div><div>16</div><div>17</div><div>18</div><div>19</div><div>20</div><div>21</div><div>22</div><div>23</div><div>24</div><div>25</div><div>26</div><div>27</div><div>28</div><div>29</div><div>30</div><div>31</div></div></div>	<div><div>OCTOBER</div><div><div>S</div><div>M</div><div>T</div><div>W</div><div>T</div><div>F</div><div>S</div></div><div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div><div>12</div><div>13</div><div>14</div><div>15</div><div>16</div><div>17</div><div>18</div><div>19</div><div>20</div><div>21</div><div>22</div><div>23</div><div>24</div><div>25</div><div>26</div><div>27</div><div>28</div><div>29</div><div>30</div><div>31</div></div></div>				1	2
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TECH TIP

TURBOCHARGERS

My daughter and I have an understanding about understanding. It goes something like this: If you can't explain something in terms that a five-year-old can comprehend, you really don't know what you are talking about.

So, how about an explanation on the basic operation of a turbocharger.

"This is an easy one." The daughter says,

- Purchase two kid's pinwheels.
- Place them back-to-back and imagine that they are attached on a common axis.
- Blow on one side (exhaust) and the other side (intake) spins, grabbing air and compressing it.
- Now build two snail-shaped housings around the pinwheels so that the intake air and exhaust air both have a direct path into and out of the pinwheels.
- The more you blow and the exhaust side spins, the more air is pulled in on the intake side. Now you can add more fuel on the intake side, causing more exhaust to spin the pinwheel even faster. (More "boost.") The limit becomes an engine that can only "breathe" so much air.

Got it?

Glad I could help.

For the full story on turbochargers: TDR Issue 110, pages 34-37.



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Rene Estrada

2023 OCTOBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9	10	11	12	13	14
	COLUMBUS DAY					
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				
		HALLOWEEN				

WELL, GRANDPA SAID...

Wisdom: the ability to think and act utilizing knowledge, experience, common sense, and insight*

Grandpa said a lot of stuff. Should his wisdom be revered? Let's try an automotive example: Oil filters: Who makes the best filter? What would Grandpa say?

Since 2007 the folks at the TDR have been fortunate to have oil industry expert John Martin write a series of articles on oil filters. Our Issue 71 (pages 60-69) had the latest evaluation. Martin's choice: "For the money, Fleetguard's** Stratapore LF16035 is the best."



Available at
Geno's Garage

*Webster Dictionary
**Fleetguard is a Cummins subsidiary company.



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SEPTEMBER							NOVEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
					1	2				1	2	3	4
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Rick Massimi

2023 NOVEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<div>OCTOBER</div> <div>S M T W T F S</div> <div>1 2 3 4 5 6 7</div> <div>8 9 10 11 12 13 14</div> <div>15 16 17 18 19 20 21</div> <div>22 23 24 25 26 27 28</div> <div>29 30 31</div>			1	2	3	4
5	6	7	8	9	10	11
DAYLIGHT SAVINGS TIME ENDS					VETERANS DAY OBSERVED	VETERANS DAY
12	13	14	15	16	17	18
19	20	21	22	23	24	25
				THANKSGIVING DAY		
26	27	28	29	30		<div>DECEMBER</div> <div>S M T W T F S</div> <div>1 2</div> <div>3 4 5 6 7 8 9</div> <div>10 11 12 13 14 15 16</div> <div>17 18 19 20 21 22 23</div> <div>24 25 26 27 28 29 30</div> <div>31</div>



TECH TIP

Extreme Cold
Weather Operation



For extreme cold weather operation if you install a winter front radiator cover on your Turbo Diesel, it must have a minimum one square foot opening in its center for radiator and intercooler airflow.

This tip is from the Cummins, Engine Operations Manual.

TDR Issue 66, page 8, has an excellent article on winter fronts.

Geno's Garage has 'em in stock.



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Jake Robinson

2023 DECEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
NOVEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	JANUARY 2024 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31				1	2
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10	11	12	13	14	15	16
17	18	19	20	21	22	23
24 CHRISTMAS EVE	25	26	27	28	29	30
31 NEW YEAR'S EVE	CHRISTMAS DAY					

Tired of letting your friends borrow your copy of the TDR only to find that it does not get returned?

We understand!

So, for the first 50 TDR Members who call us beginning December 1, 2023 and reference this ad, we will set up a new subscription for your friend at half-price (\$17.50).

This offer will only be available via phone (888) 440-8371. Be sure to reference the TDR Calendar December Special. We'll even send an acknowledgement or Christmas card to your friend.

U.S. customers only.

DECEMBER IS TDR MEMBERSHIP MONTH

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ON THE COVER: Jason Catoe

