# Management of Liability, Money, Logistics, and User Experience by Turo, Inc.

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## Abstract

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Keywords: Turo, car sharing, peer-to-peer, liability, insurance, money, user experience, user interface

## 1. Introduction and Background

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- 2. Numbered list item two

#### 1.1. Subsection One

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Treatments	Response 1	Response 2
Treatment 1	0.0003262	0.562
Treatment 2	0.0015681	0.910
Treatment 3	0.0009271	0.296

Table 1: Table caption

## 29 1.2. Subsection Two

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Figure 1: Figure caption

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## 52 2. Liability Exposure and Insurance Coverage

## 2.1. Owner's Insurance

- Turo offers three protection plans for owners who make their cars available
- 55 for rent: basic, standard, and premium. The owner's choice of protection plan
- determines the share of the rental fee that the owner receives. Owners are
- <sup>57</sup> also permitted to simply carry their own insurance on their vehicle.
- Insurance coverage in the United States is provided by a group plan ad-
- 59 ministered by Liberty Mutual.

Turo openly admits that their protection plans come with an inherent level of uncertainty. Turo senior claims manager Chris Aragon states that, "If theres an engine failure, and its something thats caused by a mechanical failure and not something that the renter could have caused by using the vehicle, thats something that is not covered by us. Thats something thats just a mechanical breakdown that youd be expected to pay for." This is consistent with standard insurance practices in the United States. Insurance carriers do not typically provide coverage for mechanical failures in vehicles as these cases are often covered by warranties. In the event that a component of the vehicle fails due to driver abuse, Turo states that it will determine the cause and act accordingly.

## 71 2.1.1. Basic Protection

The basic protection plan offers \$1,000,000 USD in liability insurance, covers physical damage to the vehicle up to a \$125,000 USD, and has a \$3,000 USD deductible. Private auto insurance deductibles in the United Staes typically range between \$100 and \$1000 USD, though they can be as high as \$2500 in some cases. Under this plan, Turo will pay 20% up to the first \$3,750 of a damage claim and then covers 100% beyond that limit, up to a cap of \$125,000. At this level, owners receive 85% of the trip fee.

## 9 2.1.2. Standard Protection

The standard protection plan offers \$1,000,000 USD in liability insurance, covers physical damage to the vehicle up to \$125,000, and has a \$0

<sup>&</sup>lt;sup>1</sup> Kristen Lee. Jalopnik, 22 February 2017. https://jalopnik.com/how-insurance-works-when-you-rent-out-your-car-on-turo-1792401490

deductible. Owners also receive reimbursement for a replacement vehicle during the period of time that their personal vehicle is being repaired. At this level, owners receive 75% of the trip fee.

#### 85 2.1.3. Premium Protection

The premium protection plan offers \$1,000,000 USD in liability insurance, covers physical damage to the vehicle up to \$125,000, and has a \$0 deductible. Owners also receive reimbursement for a replacement vehicle during the period of time that their personal vehicle is being repaired, includes coverage for wear and tear on the exterior of the vehicle, and also includes coverage for the loss of rental income. <sup>2</sup> At this level, owners receive 65% of the trip fee.

## 93 2.1.4. Owner-provided Protection

Vehicle owners also have the option of opting-out of any coverage provided that they carry commercial insurance on their own. Such an insurance policy is typically only carried by businesses. At this level, owners receive 90% of the trip fee and have no protection whatsoever provided to them by Turo or

<sup>&</sup>lt;sup>2</sup>Turo determines "lost rental income" by taking the mean daily rental earnings of the owner for the past 60 days and multiplying that dollar amount by the number of days that the owner's vehicle spent being repaired within a "reasonable range." Turo's "reasonable range" is determined like so: Turo assumes that a mechanic should reasonably be able to put in four hours of labor per day to repair the vehicle. Turo takes the number of labor hours on the mechanic's estimate and divides it by four. This "number of days" is then multiplied by the 60-day mean rental earnings. In the event that the owner cannot pick up otherwise obtain the vehicle within the calculated number of days, Turo will not pay for futher days of lost rental income.

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#### 99 2.2. Renter's Insurance

Renters are presented with a trio of insurance coverage options.

Physical damage protection includes both comprehensive (property damage or loss to a vehicle, including theft, fire, impacts with wildlife, vandalism, and acts of nature) and collision (protection in the event that two or more vehicles impact each other or in the event that a single vehicle suffers and impact with an object) coverage.

Personal injury protection varies widely by state, but typically provides coverage for medical expenses, lost income, funeral expenses, and the like for for the driver and passenger in the vehicle with no regard given to who is at fault.

Uninsured/underinsured motorist coverage pays the renter of the renter's passengers for bodily injury they may suffer in the event that they experience a collision caused by a driver without insurance, a hit-and-run driver, a driver who has exhausted the benefits available to them under their own insurance plan, or a driver whose insurance carrier is found to be insolvent and therefore incapable of paying a claim.

## 2.2.1. Premium Rental Insurance

The premium rental insurance option provides \$1,000,000 USD in bodily injury and property damage coverage to renters. Personal injury protection coverage (also known as no-fault or first party benefits) are capped at the statutory minimum required in the state where the vehicle is registered. In some cases, this amount may be \$0 USD. Uninsured/underinsured motorist

coverage is also capped at the statutory minimum required in the state where
the vehicle is registered. In some cases, this may be \$0 USD. The renter's
out-of-pocket exposure is limited to a deductible payment of \$500, which is
collected when the owner reports damage. In the event that the total costs
are less than \$500, then the renter will be refunded the difference.

## 2.2.2. Basic Rental Insurance

The basic rental insurance option provides \$1,000,000 USD in bodily injury and property damage coverage to renters. Personal injury protection
coverage (also known as no-fault or first party benefits) are capped at the
statutory minimum required in the state where the vehicle is registered. In
some cases, this amount may be \$0 USD. Uninsured/underinsured motorist
coverage is also capped at the statutory minimum required in the state where
the vehicle is registered. In some cases, this may be \$0 USD. The renter's
out-of-pocket exposure is limited to a deductible payment of \$3000 USD.
In the event that the total costs are less than \$500, then the renter will be
refunded the difference.

## 8 2.2.3. Declining Rental Insurance Coverage

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Renters are also allowed to decline a protection plan. In this case, the renter's exposure is effectively unlimited and is only bounded by the actual cash value of the vehicle plus all related costs, as determined by the process described in §??. In the event that a rented vehicle is lost, stolen, or deemed a total loss, <sup>3</sup> then the renter is liable for paying the entire actual cash value

<sup>&</sup>lt;sup>3</sup>For Turo's purpose, a "total loss" is defined by anticipated repair costs in excess of 75% of the vehicle's actual cash value.

of the vehicle, plus all related costs and minus any residual salvage value. 4

## 2.2.4. Other Sources of Renter's Insurance

Some renters may be able to obtain, or already have as a part of their personal auto insurance policy, coverage that extends to vehicles rented by the primary policy holder.

Some renters may be also be able to obtain, or already have as a part of their existing credit card account, coverage that extends to vehicles rented by the cardholder using that credit card as the payment method.

Such coverage varies widely between insurance carriers and credit providers and may, in some cases, be deficient. Turo states that it is "highly unlikely that [the renter] would be covered by any credit card insurance when [they] book cars through the Turo marketplace." <sup>5</sup>

## 2.2.5. Subrogation

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Insurance offered by Turo is secondary to any existing coverage that the renter may have through other sources (*i.e.*, that available through a credit card provider, personal auto policy, or other insurance policy). Practically speaking, the secondary nature of Turo's rental insurance offerings means that the renter is primarily liable, but can satisfy their obligations through other sources. In the event of a claim, Turo will first attempt to collect

<sup>&</sup>lt;sup>4</sup>Salvage value is the expected sale value of an asset at the end of its useful life. Insurance companies may employ a number of methods to determine the salvage value of a vehicle, but it is often classified as the sum value of the remaining usable parts in a vehicle.

<sup>&</sup>lt;sup>5</sup>https://support.turo.com/hc/en-us/articles/203990610-I-d-like-a-detailed-explanation-of-insurance-and-protection-provisions

deductibles directly from the renter and then then seek reimbursement from other sources of coverage that the rent may have. (In US insurance practice, this process is known as subrogation. <sup>6</sup>)

#### 2.2.6. Exception to Renter's Elected Protection Plans

In the event that the renter is found to have violated Turo's terms of service, engaged in prohibited uses of the rented vehicle, or is otherwise found to have recklessly used the rented vehicle, the deductible limits mentioned in §?? and §?? do not apply and the renter will be liable for physical damage up the full actual cash value of the vehicle including Turo's related costs.

#### 172 2.3. Claims Process

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A renter is supposed to report any incidents involving a rented vehicle to the relevant authorities. Urgent matters should be referred to the local police and either to Turo or to the owner of the vehicle within 24 hours of the incident.

In the event that a host does not learn about an incident that occurred with their vehicle during a trip until after the vehicle has been returned, the owner has 24 hours to report the incident to Turo in order to remain eligible for Turo's coverage.

If a vehicle's owner has elected to decline Turo's coverage, then they are responsible for making a claim directly to their own insurance company.

If the owner of a vehicle has elected either the premium or the standard Turo protection plans, then they are eligible to receive \$30 USD per day for

<sup>&</sup>lt;sup>6</sup>Subrogation is the legal doctrine through which one party is entitled to enforce the legal rights or protections of another party for its own benefit.

up to 10 days (\$300 USD cap) to rent a replacement vehicle. They may also elect to receive a travel credit from Turo that may be used to rent a vehicle on the Turo marketplace. Additionally, users may submit receipts from public transport, taxis, and ride services like Uber or Lyft for reimbursement.

Owners and renters have the option to resolve claims directly with each other. However, if an owner elects to file a claim through Turo, they have until 24 hours after the end of a trip to visit https://turo.com/resolutions to file an eligible claim. Turo states that one of their claims specialists will make contact with the owner of the vehicle within 24 of a claim being submitted. Turo will then provide instructions to the parties about how to obtain an appraisal.

Turo uses a third-party administrator called the Littleton Group to determine a vehicle's actual cash value. Littleton, in turn, uses AutoClaims Direct, a nation-wide network of independent auto appraisers. In the event of a claim, AutoClaims Direct will dispatch an appraiser to perform a visual inspection of the vehicle and to obtain photographic documentation of the vehicle's condition. The appraiser will also collect information on the general condition of the vehicle, the odometer reading, and any other information that may help accurately determine the value of the vehicle.

Software is employed to sweep across the market to obtain information on comparable vehicles to the one subject to a claim. The software will then determine the value of the vehicle based on how it compares in condition and mileage to comparable vehicles on the market at that time. It may also include a factor that accounts for depreciation.

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In some cases, Turo may direct users making a claim to download an app

and upload photos of the damage.

If a claim made to Turo is determined to be eligible, Turo notifies the renter and charges their payment method(s) for an initial claim processing cost of up to \$575.

The owner is then presented with their options for resolution. They may elect to not pursue, the owner and the renter can elect to resolve the issue directly with each other, the owner may resolve the claim directly with the insurance carrier of the renter (or a third party in the event that the driver is found no to be at fault), or the claim may be processed through Turo's claims administrator.

Depending on the resolution option elected by the parties, the owner's car may be repaired and the renter may be responsible for settling their financial obligations, including payment of their deductible.

#### 223 3. Data and Metrics

How is the control of the distance traveled (if I travel more than the established number of miles, how will the service know about it and how money is written off; Is there a computer/logger/tracker inside the vehicle?)

Can the car owner track the location of the car in real time? Alexander is confident that this is possible. Is there a gasoline and mileage reader in the car?

## 4. Logistics

How is the meeting with the owner (at what time are the contact data transmitted, what does the owner say at the meeting? How fast is this

information exchanged? - what are the recommendations) How to set where
you need to leave (return) the vehicle. Is it possible to drop the car off
in another location? Is the renter responsible for filling the car up before
returning it? Is the renter billed for the fuel cost? How does Turo establish
how much fuel is needed?

## 5. Money Management

At what point in time is the money is debited from the renter? (immediately or after the return of the machine) Is there a security deposit taken
at the time of reservation? How quickly is the deposit returned? Or do they
reserve the right to charge your card at any time? What if the card Tx fails?

## 43 6. User Experience

If the Tenant did not like the car? If payment occurred before, how does the money refund happen? Canceling reservations? Similarly, for the cleanliness of the car - if I rent a car in a dirty condition, how to find out about this service and how payment is built. How does Turo know this information Does owner provide this information to Turo? If so, how? ? How do they mediate this?

## 250 6.1. User Responsibilities and Obligations

## 251 6.1.1. Wear and Tear

Owners. "Normal wear and tear" is the result of the normal operation of a vehicle and therefore should be an expected part of the experience of sharing or renting a car on Turo. Owners are not, under any circumstances, protected

against normal wear and tear of the interior of their vehicle(s). Owners who have elected the premium protection plan (§??) receive protection against normal exterior wear and tear. <sup>7</sup>

Renters. Renters are not responsible for wear and tear that are the result of normal use of a vehicle.

Renters are fully responsible for damage that is the result of misuse or prohibited use of a vehicle, "significant damage" to the interior of a vehicle, and mechanical damage due to negligence, intentional acts, or improper driving on the part of the renter. 8

#### 264 6.1.2. Mechanical Failure

If the machine itself broke down, what actions does Turo take to pick up
the car. (Do they pick up the car? Are there any charges?)

Renters.

Owners. Owners are required to ensure that their vehicle complies with laws and regulations pertaining to vehicle safety, condition, and operation, including any local seasonal rules or regulations.

<sup>&</sup>lt;sup>7</sup>Defined by Turo as "any dings, dents, cracks, or scratches to the exterior body of the vehicle that is 3 inches in diameter or less. This includes, but is not limited to, rims, wheels, hubcaps, any painted or textured area for the body of the vehicle, and moldings." See https://support.turo.com/hc/en-us/articles/217043898.

<sup>&</sup>lt;sup>8</sup>Owners who decline any of Turo's in-house protection plans and instead opt to provide their own commercial insurance (see §??) are not covered by Turo against any of the aforementioned items.

Turo recommends that owners obtain an annual mechanical and safety inspection with an ASE-certified <sup>9</sup> mechanic. From time to time, Turo may ask owners to obtain an inspection. In this event, owners will download an inspection form provided by Turo, schedule the ASE inspection, and return the completed form.

Failure by an owner to maintain their car in an acceptable or road-worthy condition may result in that vehicle being removed from the Turo marketplace.

In the event that the owner's vehicle breaks down while it is being rented and such a breakdown is found to be a result of a violation of Turo's maintenance policy, Turo will charge the host \$100 USD. In the event that the renter makes contact with the 24/7 Turo support line and requests roadside assistance or a tow, Turo will also assess a \$200 USD administrative fee to the owner.

## 85 6.2. Traffic Violations and Tickets

If the renter violates the traffic rules, who is fined or ticketed and how?

(where fines come, how to pay it first and how then compensation takes place)

Renters. Renters are responsible for paying all tickets for violations that they commit during their trip, with the exception of moving violations and photo tickets. <sup>10</sup> Renters are also responsible for parking tickets, towing fees, and

<sup>&</sup>lt;sup>9</sup>Automotive Service Excellence.

<sup>&</sup>lt;sup>10</sup>In the event that a vehicle is ticketed for speeding, running a red light, or other moving violations, including those captured by cameras, and the owner of the vehicle receives said

fines that may be levied for up to 24 hours after the end of a trip, provided that such tickets, fines, and/or fees are a result of improper parking on the behalf of the renter.

The renter is responsible for informing the owner in the event that they receive a ticket during their trip and ought to immediately pay it.

Owners. In the event that an owner notifies Turo that a ticket was received during the renter's trip or within the 24 hour period thereafter, Turo will charge the renter's payment method(s) for the total cost of the ticket plus administration fees levied by Turo. Owners must submit their requests for reimbursement within 90 days after the trip in question ended, provide documentation of the ticket, and receipts for payment of the ticket.

## 7. User Interface

We need all screenshots of the renters private office (after the trip is completed). I need screenshot of every page inside the app (Mobile and desktop)

If it works: personal car owner's office - what he sees there, screenshots of
the pages. Is there a single app for all users or do owners and renters each
have dedicated apps?

ticket via mail, then Turo agrees that it will provide the information required by the ticketing body or to the owner such that the owner may contest the ticket and transfer liability for the moving violation to the renter.

Renters are not supposed to pay moving violations or photo tickets immediately because the liability for such violations (including "points" assigned in many US states) may be assigned to the owner of the vehicle for a traffic offense that they did not actually commit.

- 309 7.1. Renters
- 310 7.2. Owners