

Assessing the Fit and Comfort of Motorcycle Safety Gear  
NHTSA Form No. 2002 - Gloves

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## Data Collection Forms – Gloves

*Note: These surveys involve skip logic. Skip logic points and survey logistics are highlighted in **Boldface Red Text**.*

### Data Collector Initial Observations

*(The Data Collector will complete the following section)*

Data Collector ID: \_\_\_\_\_ (Auto fill)

1. Potential participant gear worn (Heat Spot selection on electronic tablet form. Researcher selects observed gear by tapping on the corresponding image. Each selected gear type, indicated by a green highlighted box, will open an image library of that gear's subtypes. Non-selected gear will be skipped.)

(Note: Green example highlighting on right is for clarification purposes only. Example highlighting shown on rightmost image will not appear in data form until after the researcher selects it.)

FOR DATA COLLECTORS: What gear (if any) do you observe?



Example: Helmet and gloves observed.



FOR DATA COLLECTORS: What gear (if any) do you observe?



#### 1a. **(Complete if "Helmet" was selected as observed, otherwise skip)**

The helmet is:

- A protective **motorcycle helmet (DOT label observed)**
- A protective **motorcycle helmet (DOT label not visible)**
- A protective non-motorcycle helmet
- Not protective

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Could not determine

1b. **(Complete if "Jacket" was selected as observed, otherwise skip)**

The jacket is:

- A protective **motorcycle jacket**
- A protective non-motorcycle jacket
- Not protective
- Could not determine

1c. **(Complete if "Pants" was selected as observed, otherwise skip)**

The pants are:

- Protective **motorcycle pants**
- Protective non-motorcycle pants
- Not protective
- Could not determine

1d. **(Complete if "Gloves" was selected as observed, otherwise skip)**

The gloves are:

- Protective **motorcycle gloves**
- Protective non-motorcycle gloves
- Not protective
- Could not determine

1e. **(Complete if "Footwear" was selected as observed, otherwise skip)**

The footwear is:

- Protective **motorcycle footwear**
- Protective non-motorcycle footwear
- Not protective
- Could not determine

2. Weather conditions (check all that apply)

- Sunny / Clear
- Cloudy
- Foggy
- Windy
- Rainy

2a. Approximate temperature: \_\_\_\_\_ °F

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3. Age

- Under 18
- 18-35
- 36-55
- 56-64
- 65+
- Could not determine

4. Sex

- Female
- Male
- Could not determine

5. Race and/or ethnicity (select all that apply)

- American Indian or Alaska Native
- Asian
- Black or African American
- Hispanic or Latino
- Middle Eastern or North African
- Native Hawaiian or Pacific Islander
- White
- Could not determine

6. The observed rider:

- Was not contacted
- Learned about the study and was not interested in participating
- Learned about the study and began consent process

**Consent Process**

**See other forms for eligibility and consent forms**

## **Bike Type & Riding Information**

*(The participant will self-report the following information)*

The following questions ask about your bike and riding habits.

7. What type of bike are you riding today?

- Standard
- Touring
- Cruiser
- Sport
- Scooter
- Other (please specify): \_\_\_\_\_

8. Make / Model: \_\_\_\_\_

9. Model year: \_\_\_\_\_

10. How long have you been riding?

- Less than 1 year
- 1 – 5 years
- 6 – 10 years
- 11 – 25 years
- 26 – 40 years
- More than 40 years

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11. Check the appropriate box below to indicate how often you ride for each of the following reasons:

	Never	A few times per season	A few times per month	A few times per week	Daily
Commuting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leisure / Short Recreational Trips	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Traveling / Long Distance Trips	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (please describe): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

12. Check the appropriate box below to indicate how often you ride in each of the following scenarios:

	None of my rides	Some of my rides	About half of my rides	Most of my rides	All of my rides
Solo	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
With a passenger on your bike	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
With one other bike	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
In a group with two to five bikes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
In a group with five or more bikes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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13. Are you or have you been a member of any motorcycle organization(s)?

- Yes
- List up to five of the most recent organization(s) you have been a member of, if you feel comfortable doing so.
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
- No **(Skip to question 15)**

14. **(This question will appear up to five times with the embedded text from Question 13)**

How does being a member of **[embedded text from previous answer]** influence your decision to wear protective gear?

<b>Much less likely to wear protective gear</b>	<b>Somewhat less likely to wear protective gear</b>	<b>No influence on my decision to wear protective gear</b>	<b>Somewhat more likely to wear protective gear</b>	<b>Much more likely to wear protective gear</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

15. How did you learn to ride? (Check all that apply)

- Completed a basic motorcycle training course
- Completed an advanced motorcycle training course
- Completed a free online motorcycle training course
- Completed a paid online motorcycle training course
- Watched free motorcycle training videos online (e.g., YouTube)
- From a friend or relative
- From someone in my riding group, club, or association
- Other (please specify): \_\_\_\_\_

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**Protective Gear**

The following questions ask about any protective motorcycle gear you wear.

For the next few questions, **motorcycle gear** refers to specialized clothing designed for crash injury protection, weather protection, or temperature regulation while riding.

16. Do you own/possess a motorcycle helmet?

- Yes
- No

16a.

	<b>None of my rides</b>	<b>Some of my rides</b>	<b>About half of my rides</b>	<b>Most of my rides</b>	<b>All of my rides</b>
How often do you wear a motorcycle helmet?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

17. Do you own/possess a motorcycle jacket?

- Yes
- No

17a.

	<b>None of my rides</b>	<b>Some of my rides</b>	<b>About half of my rides</b>	<b>Most of my rides</b>	<b>All of my rides</b>
How often do you wear a motorcycle jacket?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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18. Do you own/possess motorcycle pants?

- Yes  
 No

18a.

	<b>None of my rides</b>	<b>Some of my rides</b>	<b>About half of my rides</b>	<b>Most of my rides</b>	<b>All of my rides</b>
How often do you wear motorcycle pants?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

19. Do you own/possess motorcycle footwear?

- Yes  
 No

19a.

	<b>None of my rides</b>	<b>Some of my rides</b>	<b>About half of my rides</b>	<b>Most of my rides</b>	<b>All of my rides</b>
How often do you wear motorcycle footwear?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

20. Do you own/possess motorcycle gloves?

- Yes  
 No

20a.

	<b>None of my rides</b>	<b>Some of my rides</b>	<b>About half of my rides</b>	<b>Most of my rides</b>	<b>All of my rides</b>
How often do you wear motorcycle gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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21. How does wearing motorcycle gloves affect each of the following for you? **(Items will be randomized)**

	<b>Significantly decreases</b>	<b>Somewhat decreases</b>	<b>No change</b>	<b>Somewhat increases</b>	<b>Significantly increases</b>
Riding comfort	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Finger/hand movement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ability to operate hand pedals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**(Question will be displayed to the participant if they answered “Yes” to Question 20)**

22. Indicate how much you agree/disagree with the following statements regarding your motorcycle gloves. **(Items will be randomized)**

My gloves (are):

	<b>Strongly disagree</b>	<b>Somewhat disagree</b>	<b>Neutral</b>	<b>Somewhat agree</b>	<b>Strongly agree</b>
Comfortable	<input type="checkbox"/>				
Allow for breathability / air flow	<input type="checkbox"/>				
Stay in position while riding	<input type="checkbox"/>				
Protective	<input type="checkbox"/>				

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Well designed for my body	<input type="checkbox"/>				
Easy to put on	<input type="checkbox"/>				
Easy to take off	<input type="checkbox"/>				
Provide adequate range of motion	<input type="checkbox"/>				

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23. Indicate how the following factors influence your motorcycle glove usage. **(Items will be randomized)**

	<b>Influences to wear LESS</b>	<b>No influence</b>	<b>Influences to Wear MORE</b>
Increased risk of injury and fatality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Friends who I ride with	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
My riding community	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Social media	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
News coverage about motorcycle safety	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Family/loved one's concerns	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High cost of motorcycle gloves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Personal near miss/close call	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Witnessing a crash	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Learning about injuries among riders not wearing motorcycle gloves	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Advice from a motorcycle professional	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Advice from a medical professional	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (please specify): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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24. How important is the **fit** of motorcycle gloves to you?

<b>Extremely unimportant</b>	<b>Somewhat unimportant</b>	<b>Neutral</b>	<b>Somewhat important</b>	<b>Extremely important</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

25. How important is the **comfort** of motorcycle gloves to you?

<b>Extremely unimportant</b>	<b>Somewhat unimportant</b>	<b>Neutral</b>	<b>Somewhat important</b>	<b>Extremely important</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

26. How important is having **highly protective** motorcycle gloves to you?

<b>Extremely unimportant</b>	<b>Somewhat unimportant</b>	<b>Neutral</b>	<b>Somewhat important</b>	<b>Extremely important</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

27. What are the top three things you consider when purchasing motorcycle gloves?

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_

## Anthropometric Measurements for Motorcycle Gloves

*(Data Collector will ask participant the following questions and record the answers)*

**(Data collector reads the following to the participant):** “Place hand flat on table, palm side up, relaxed.”

28. **(Data collector observes)** Hand length: \_\_\_\_\_ centimeters

29. **(Data collector measures)** Hand circumference: \_\_\_\_\_ centimeters

30. **(Data collector observes)** Did the participant wear motorcycle gloves to the event?

Yes **(Continue to Question 31)**

No **(Skip to Question 45)**

**Gloved Rider Questions**

31. **(Data collector asks)** Are these your usual motorcycle gloves?

- Yes
- No

32. **(Data collector asks)** How did you obtain these gloves?

- Bought new in-store, tried on
- Bought new in-store, did not try on
- Bought new online
- Bought used online
- Bought new from a friend
- Bought used from a friend
- Bought used in-store, tried on
- Bought used in-store, did not try on
- Borrowed from a friend
- Received as a gift
- Other (please specify): \_\_\_\_\_

33. **(Data collector asks)** Did someone help fit you for these gloves?

- Yes (please specify): \_\_\_\_\_
- No

34. **(Data collector observes)** Glove type:

- Textile
- Leather
- Mesh textile
- Mixed
- Other (please specify): \_\_\_\_\_
- Unknown

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35. **(Data collector observes)** Primary / Most prominent color(s) (check all that apply):

- Black
- White
- Brown
- Red
- Orange
- Yellow / Neon
- Green
- Blue
- Purple
- Pink
- Tan
- Silver / Grey
- Mixed / Graphic
- Other (please specify): \_\_\_\_\_

36. **(Data collector observes)** Glove manufacturer:

- Alpinestars
- BILT
- Biltwell
- Dainese
- Fox Racing
- Joe Rocket
- Klim
- Hotwired
- Icon
- REAX
- REV'IT
- Scorpion
- Sedici
- Other (please specify): \_\_\_\_\_
- Unknown

37. **(Data collector observes)** Model: \_\_\_\_\_

- Could not determine

38. **(Data collector observes)** Size: \_\_\_\_\_

- Could not determine

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39. **(Data collector asks)** Have you made any modifications to these gloves? (Check all that apply)

- Added cosmetic accessories (please list): \_\_\_\_\_
  - Makes less protective
  - No change in protection
  - Makes more protective
  - Could not determine
- Added "safety" accessories (please list): \_\_\_\_\_
  - Makes less protective
  - No change in protection
  - Makes more protective
  - Could not determine
- None present

40. **(Data collector asks)** Have you added any retroreflective features to these gloves?

- Yes, after-market / accessory added after purchase
- No, accessory OEM / factory installed
- No, none present

## Motorcycle Gloves Fit Assessment

**(Data collector reads the following to the participant)** *“I’m going make some observations to see how well your motorcycle gloves fit. (If not already wearing their gloves) Please put your motorcycle gloves on as you normally would when riding. (If applicable) Please also put on your motorcycle jacket as you normally would. As best you can, please simulate the riding position you would normally take while riding your own bike.”*

41. **(Data collector observes)** Are there fasteners, buckles, Velcro, or straps to adjust fit present on these gloves?
- Yes
  - No
42. **(Data collector reads the following to the participant)** *“Partially open and close your hands as if you were holding on to your control handles.”* **(Data collector observes if participant has adequate range of motion)**
- Cannot move hands
  - Somewhat able to move hands
  - Easily able to move hands
43. **(Data collector observes)** Do these gloves adequately cover the wrist to the motorcycle jacket (if present) or do these gloves fully cover the wrist when the participant is seated in the simulated riding position?
- Yes
  - No
44. **(Data collector asks)** When wearing these gloves for 30 minutes or longer, do you begin to experience pain or discomfort? If so, please point to those areas now. **(Data collector observes areas the participant points to and selects corresponding area on the image below, and checks all that apply)**
- Back of the hand(s)
  - Bottom of palm(s)
  - Center of palm(s)
  - Fingertip(s)
  - Knuckle(s)
  - Top of palm(s)
  - Wrist(s)
  - Other (please specify): \_\_\_\_\_
  - None

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## New Gear Assessment

*(The participant will complete the following section)*

In this section, you will be asked for your opinions about different types of gloves. There is a picture and description of each item to help you evaluate it. For each item, assume the gloves fit, would come in the color you want and at an affordable cost.

***(Note: Order of gloves will be randomized for each participant. The questions below will be shown with each gear choice.)***

45. Please select the type of gear you typically wear. If unsure, please select the type of gear you are currently wearing.

- Women's **(Go to Question 46)**
- Men's **(Go to Question 52)**
- Unisex **(Go to Question 52)**

**If "Women's" was selected for Question 45**

46.



- Half-finger gloves
- Leather composition
- Kevlar knuckle panel
- Finger knuckle and palm padding
- Memory foam lining
- Pre-curved fingers
- Velcro adjustment at wrist

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	<b>Extremely unprotective</b>	<b>Somewhat unprotective</b>	<b>Neutral</b>	<b>Somewhat protective</b>	<b>Extremely protective</b>
How protective do you think these gloves are?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to wear these gloves while riding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to purchase these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely poorly</b>	<b>Somewhat poorly</b>	<b>Neutral</b>	<b>Somewhat well</b>	<b>Extremely well</b>
How well do you think you would be able to operate the hand controls with these gloves?	<input type="checkbox"/>				

	<b>Extremely low quality</b>	<b>Low quality</b>	<b>Neutral</b>	<b>High quality</b>	<b>Extremely high quality</b>
What is the overall quality of these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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47.



- Full-finger gloves
- Leather composition
- Ventilation features
- Finger knuckle stretch panels
- Finger knuckle, thumb, and palm padding
- Unlined fingers for dexterity
- Retroreflective features
- Velcro adjustment at wrist

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	<b>Extremely unprotective</b>	<b>Somewhat unprotective</b>	<b>Neutral</b>	<b>Somewhat protective</b>	<b>Extremely protective</b>
How protective do you think these gloves are?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to wear these gloves while riding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to purchase these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely poorly</b>	<b>Somewhat poorly</b>	<b>Neutral</b>	<b>Somewhat well</b>	<b>Extremely well</b>
How well do you think you would be able to operate the hand controls with these gloves?	<input type="checkbox"/>				

	<b>Extremely low quality</b>	<b>Low quality</b>	<b>Neutral</b>	<b>High quality</b>	<b>Extremely high quality</b>
What is the overall quality of these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

48.



- Full-finger gloves
- Mesh and neoprene composition
- Polyester liner
- Leather palm overlays
- Spandex along fingers
- Ventilation features
- Pointer, middle finger, and thumb stretch panels
- Finger knuckle, thumb, and palm padding
- Polyester lining
- Touchscreen compatible index finger and thumb
- Hook and loop closure

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	<b>Extremely unprotective</b>	<b>Somewhat unprotective</b>	<b>Neutral</b>	<b>Somewhat protective</b>	<b>Extremely protective</b>
How protective do you think these gloves are?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to wear these gloves while riding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to purchase these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely poorly</b>	<b>Somewhat poorly</b>	<b>Neutral</b>	<b>Somewhat well</b>	<b>Extremely well</b>
How well do you think you would be able to operate the hand controls with these gloves?	<input type="checkbox"/>				

	<b>Extremely low quality</b>	<b>Low quality</b>	<b>Neutral</b>	<b>High quality</b>	<b>Extremely high quality</b>
What is the overall quality of these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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49.



- Full-finger gloves
- Leather and mesh composition
- Tri-fleece liner
- Ventilation features
- Finger knuckle and palm armor
- Finger and palm stretch panels
- Thumb, palm and side reinforcements
- Finger and cuff padding
- Retroreflective features
- Touchscreen compatible fingertips
- Velcro adjustment at wrist
- CE Certification

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	<b>Extremely unprotective</b>	<b>Somewhat unprotective</b>	<b>Neutral</b>	<b>Somewhat protective</b>	<b>Extremely protective</b>
How protective do you think these gloves are?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to wear these gloves while riding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to purchase these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely poorly</b>	<b>Somewhat poorly</b>	<b>Neutral</b>	<b>Somewhat well</b>	<b>Extremely well</b>
How well do you think you would be able to operate the hand controls with these gloves?	<input type="checkbox"/>				

	<b>Extremely low quality</b>	<b>Low quality</b>	<b>Neutral</b>	<b>High quality</b>	<b>Extremely high quality</b>
What is the overall quality of these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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50.



- Full-finger, over-the-wrist gloves
- Leather composition
- Tri-fleece liner
- Finger knuckle and palm armor
- Ventilation features
- Pre-curved fingers
- Abrasion wrist protector
- Hook and loop closure
- Double cuff closure
- Velcro adjustment at wrist

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	<b>Extremely unprotective</b>	<b>Somewhat unprotective</b>	<b>Neutral</b>	<b>Somewhat protective</b>	<b>Extremely protective</b>
How protective do you think these gloves are?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to wear these gloves while riding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to purchase these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely poorly</b>	<b>Somewhat poorly</b>	<b>Neutral</b>	<b>Somewhat well</b>	<b>Extremely well</b>
How well do you think you would be able to operate the hand controls with these gloves?	<input type="checkbox"/>				

	<b>Extremely low quality</b>	<b>Low quality</b>	<b>Neutral</b>	<b>High quality</b>	<b>Extremely high quality</b>
What is the overall quality of these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

51.



- Full-finger gloves
- Fabric and neoprene composition
- Stretch fabric
- Abrasion resistance
- Knuckle protection
- Padded palm
- Velcro adjustment at wrist

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	<b>Extremely unprotective</b>	<b>Somewhat unprotective</b>	<b>Neutral</b>	<b>Somewhat protective</b>	<b>Extremely protective</b>
How protective do you think these gloves are?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to wear these gloves while riding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to purchase these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely poorly</b>	<b>Somewhat poorly</b>	<b>Neutral</b>	<b>Somewhat well</b>	<b>Extremely well</b>
How well do you think you would be able to operate the hand controls with these gloves?	<input type="checkbox"/>				

	<b>Extremely low quality</b>	<b>Low quality</b>	<b>Neutral</b>	<b>High quality</b>	<b>Extremely high quality</b>
What is the overall quality of these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**If “Men’s” was selected for Question 45**

52.



- Half-finger gloves
- Leather composition
- Kevlar knuckle panel
- Finger knuckle and palm padding
- Memory foam lining
- Pre-curved fingers
- Velcro adjustment at wrist

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	<b>Extremely unprotective</b>	<b>Somewhat unprotective</b>	<b>Neutral</b>	<b>Somewhat protective</b>	<b>Extremely protective</b>
How protective do you think these gloves are?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to wear these gloves while riding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to purchase these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely poorly</b>	<b>Somewhat poorly</b>	<b>Neutral</b>	<b>Somewhat well</b>	<b>Extremely well</b>
How well do you think you would be able to operate the hand controls with these gloves?	<input type="checkbox"/>				

	<b>Extremely low quality</b>	<b>Low quality</b>	<b>Neutral</b>	<b>High quality</b>	<b>Extremely high quality</b>
What is the overall quality of these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

53.



- Full-finger gloves
- Leather composition
- Moisture wicking liner
- Pre-curved fit
- Vibration-dampening palm pad insert
- Touchscreen compatible index finger and thumb
- Hook and loop closure
- Velcro adjustment at wrist

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	<b>Extremely unprotective</b>	<b>Somewhat unprotective</b>	<b>Neutral</b>	<b>Somewhat protective</b>	<b>Extremely protective</b>
How protective do you think these gloves are?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to wear these gloves while riding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to purchase these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely poorly</b>	<b>Somewhat poorly</b>	<b>Neutral</b>	<b>Somewhat well</b>	<b>Extremely well</b>
How well do you think you would be able to operate the hand controls with these gloves?	<input type="checkbox"/>				

	<b>Extremely low quality</b>	<b>Low quality</b>	<b>Neutral</b>	<b>High quality</b>	<b>Extremely high quality</b>
What is the overall quality of these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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54.



- Full-finger gloves
- Mesh and neoprene composition
- Polyester liner
- Leather palm overlays
- Spandex along fingers
- Ventilation features
- Pointer, middle finger, and thumb stretch panels
- Finger knuckle, thumb, and palm padding
- Polyester lining
- Touchscreen compatible index finger and thumb
- Hook and loop closure

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	<b>Extremely unprotective</b>	<b>Somewhat unprotective</b>	<b>Neutral</b>	<b>Somewhat protective</b>	<b>Extremely protective</b>
How protective do you think these gloves are?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to wear these gloves while riding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to purchase these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely poorly</b>	<b>Somewhat poorly</b>	<b>Neutral</b>	<b>Somewhat well</b>	<b>Extremely well</b>
How well do you think you would be able to operate the hand controls with these gloves?	<input type="checkbox"/>				

	<b>Extremely low quality</b>	<b>Low quality</b>	<b>Neutral</b>	<b>High quality</b>	<b>Extremely high quality</b>
What is the overall quality of these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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55.



- Full-finger gloves
- Leather composition
- Ventilation holes
- Tri-fleece liner
- Finger knuckles and palm armor
- Grip patches
- Retroreflective features
- Hook and loop adjustment
- Elastic at wrist
- Velcro adjustment at wrist

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	<b>Extremely unprotective</b>	<b>Somewhat unprotective</b>	<b>Neutral</b>	<b>Somewhat protective</b>	<b>Extremely protective</b>
How protective do you think these gloves are?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to wear these gloves while riding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to purchase these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely poorly</b>	<b>Somewhat poorly</b>	<b>Neutral</b>	<b>Somewhat well</b>	<b>Extremely well</b>
How well do you think you would be able to operate the hand controls with these gloves?	<input type="checkbox"/>				

	<b>Extremely low quality</b>	<b>Low quality</b>	<b>Neutral</b>	<b>High quality</b>	<b>Extremely high quality</b>
What is the overall quality of these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

56.



- Full-finger, over-the-wrist gloves
- Leather composition
- Tri-fleece liner
- Finger knuckles and palm armor
- Finger protector and palm sliders
- Pre-curved fingers
- Abrasion wrist protector
- Velcro adjustment at wrist

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	<b>Extremely unprotective</b>	<b>Somewhat unprotective</b>	<b>Neutral</b>	<b>Somewhat protective</b>	<b>Extremely protective</b>
How protective do you think these gloves are?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to wear these gloves while riding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to purchase these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely poorly</b>	<b>Somewhat poorly</b>	<b>Neutral</b>	<b>Somewhat well</b>	<b>Extremely well</b>
How well do you think you would be able to operate the hand controls with these gloves?	<input type="checkbox"/>				

	<b>Extremely low quality</b>	<b>Low quality</b>	<b>Neutral</b>	<b>High quality</b>	<b>Extremely high quality</b>
What is the overall quality of these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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57.



- Full-finger gloves
- Fabric and neoprene composition
- Stretch fabric
- Abrasion resistance
- Knuckle protection
- Padded palm
- Velcro adjustment at wrist

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	<b>Extremely unprotective</b>	<b>Somewhat unprotective</b>	<b>Neutral</b>	<b>Somewhat protective</b>	<b>Extremely protective</b>
How protective do you think these gloves are?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to wear these gloves while riding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely unlikely</b>	<b>Somewhat unlikely</b>	<b>Neutral</b>	<b>Somewhat likely</b>	<b>Extremely likely</b>
How likely would you be to purchase these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	<b>Extremely poorly</b>	<b>Somewhat poorly</b>	<b>Neutral</b>	<b>Somewhat well</b>	<b>Extremely well</b>
How well do you think you would be able to operate the hand controls with these gloves?	<input type="checkbox"/>				

	<b>Extremely low quality</b>	<b>Low quality</b>	<b>Neutral</b>	<b>High quality</b>	<b>Extremely high quality</b>
What is the overall quality of these gloves?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Demographics

*(The participant will self-report the following information)*

58. In what State do you currently live? \_\_\_\_\_

59. What license type(s) do you currently have? (Check all that apply)

- Motorcycle endorsement
- Motorcycle-only license
- Motorcycle learner's permit
- Driver's license
- Commercial license
- None of the above

60. What is your age? \_\_\_\_\_ years

61. What is your sex?

- Female
- Male

62. What is your race and/or ethnicity? (Select all that apply and enter additional details in the spaces below)

- American Indian or Alaska Native  
(If selected) Provide details below:

Enter, for example, Navajo Nation, Blackfeet Tribe of the Blackfeet Indian Reservation of Montana, Native Village of Inupiat Traditional Government, Nome Eskimo Community, Aztec, Maya, etc.:

- Asian  
(If selected) Provide details below:
  - Chinese
  - Asian Indian
  - Filipino
  - Vietnamese
  - Korean
  - Japanese
  - Another group (For example, Pakistani, Hmong, Afghan, etc.):

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- Black or African American  
(If selected) Provide details below:
- African American
  - Jamaican
  - Haitian
  - Nigerian
  - Ethiopian
  - Somali
  - Another group (For example, Trinidadian and Tobagonian, Ghanian, Congolese, etc.):
- 
- Hispanic or Latino  
(If selected) Provide details below:
- Mexican
  - Puerto Rican
  - Salvadoran
  - Cuban
  - Dominican
  - Guatemalan
  - Another group (For example, Colombian, Honduran, Spaniard, etc.):
- 
- Middle Eastern or North African  
(If selected) Provide details below:
- Lebanese
  - Iranian
  - Egyptian
  - Syrian
  - Iraqi
  - Israeli
  - Another group (For example, Moroccan, Yemeni, Kurdish, etc.):
- 
- Native Hawaiian or Pacific Islander  
(If selected) Provide details below:
- Native Hawaiian
  - Samoan
  - Chamorro
  - Tongan
  - Fijian
  - Marshallese
  - Another group (For example, Chuukese, Palauan, Tahitian, etc.):
-

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White

(If selected) Provide details below:

- English
  - German
  - Irish
  - Italian
  - Polish
  - Scottish
  - Another group (For example, French, Swedish, Norwegian, etc.):
-