

## Overview

This Standard involves mounting an internal or external camera mount on, or in, vehicles. It is about selecting the right type of camera mount and fixing the mount without damaging the vehicle.

It involves using ropes, strops and other fixings, and assessing the strength and suitability of these materials. It is about identifying all hazards and environmental circumstances which may affect the operation, producing a risk assessment, and keeping the production team informed of any special requirements.

This Standard is for anyone who rigs car mounts.

## Performance criteria

*You must be able to:*

1. check the weight of cameras and accessories does not exceed the maximum weight load of mountings
2. use reliable information to confirm required positions and angles of shots
3. check that surfaces on which equipment is to be mounted is strong enough to support it
4. confirm with relevant people the routes, speeds, positions and direction of the vehicle being mounted and any other vehicles
5. travel the intended route at an appropriate time to identify the nature of the surface and any obstructions
6. produce a risk assessment in line with health and safety requirements
7. assemble and position rigs and make fast cameras and accessories in line with production requirements
8. use appropriate materials, ropes, knots, stops, wires and ratchet straps according to their specifications to prevent unwanted movement
9. specify pulleys and ropes that are within safe working loads (SWL)
10. confirm that rigs do not obstruct drivers' view or ability to control the vehicle
11. rig vehicles so that they comply with any relevant vehicle or road traffic regulations
12. advise relevant production staff when special permissions are required
13. inform the appropriate production staff of any hindrance or circumstances that affect the safe operation of rigs
14. check that the rig is safe in line with current regulations and guidance
15. secure and protect equipment when not in use in line with manufacturers' instructions

## Rig car mounts in or on vehicles

## Knowledge and understanding

*You need to know and understand:*

1. relevant legislation, guidance and industry best practice
2. the weight of the camera and any accessories, how to calculate them, and how they may affect the mountings
3. the type and strength of the materials to which mounts are fastened
4. the intended route and speed of the vehicle, and the clearances and strengths of any fastenings required
5. the nature of the surface being driven on, and how to identify any potential obstructions
6. the intended position of any accompanying or passing vehicles
7. the limits of your expertise and when it is appropriate to call on other specialists
8. the benefits of teamwork and how to communicate with others
9. how to produce a risk assessment
10. how to select the type of rig and how to assemble the rig without causing any damage to the vehicle
11. different uses of strops, knots, ratchet straps and wires to provide additional stability and safety
12. how to tie a bowline, clove hitch, half hitch and reef knot
13. how to select the correct type of track, pulley, strop, knot, ratchet strap and wire
14. safe working loads of the materials to be used for a given application and how to calculate them
15. what measures to take to ensure that the driver and any passengers are safe
16. how to disarm airbags and when it is appropriate to do so
17. what devices to use to protect the camera equipment from external damage
18. relevant vehicle or road traffic regulations
19. special permissions that may be required when vehicles are to be used on the public highway
20. what circumstances may affect safe operation and who to inform
21. what is likely to cause a distraction to other road users
22. how to secure equipment when not in use
23. why it is important to keep equipment dry and free of dust, sand and other debris

## Rig car mounts in or on vehicles

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**Developed by** Creative Skillset

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**Validity** Current

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**Originating Organisation** Creative Skillset

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**Relevant Occupations** Grips; Key Grip; Trainee Grip; Crane Operator (Film & TV); Crane Technician (Film & TV)

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**Suite** Grips and Crane Technicians

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