

## **Best Practice: Automobile Inspection Ramp**



<b>Category:</b>	Access Control
<b>Location:</b>	Port of Colombo, Sri Lanka
<b>Date Observed:</b>	August 2006
<b>POC:</b>	Not available
<b>WWW:</b>	Not available

**Description:** Ramp used for automobile inspections.

**Discussion:** An automobile inspection ramp located at the entrance gates to port facilities allows for an enhanced inspection of the undercarriage of incoming vehicles. When a vehicle drives up on to the ramp the underside of the vehicle is readily visible with a broader field of view than during the use of undercarriage mirrors.

**Potential Down-side:** An automobile inspection ramp should cost less than the typical undercarriage mirrors used to inspect the underside of incoming vehicles. The only potential downside is that vehicles would have to slow down when they drive onto the ramp; however, this method should be the same or faster than stopping the vehicle in order to utilize undercarriage mirrors.

**Conclusion:** The installation and use of an automobile inspection ramp can increase the speed of undercarriage inspections and has minimal costs for purchase and installation. No extra training time or costs would be associated with the use of an automobile inspection ramp.

**Cost:** The initial cost of purchasing the materials should be low as the ramp could be composed and shaped from scrap metal. Securing the ramp to the ground to prevent vehicle foundering would be necessary.