

Benchmark Tests (EOA)								
Test Name	Action Name	Foundation	LooksRare	Seaport	Seaport-1.2	sudoswap	X2Y2	ZeroEx
ERC721 -> ETH List-On-Chain	List	93138(+70%)	✗	59738(+9%)	64738(+18%)	116021(+111%)	✗	54882
	Fulfill	110289(+57%)	✗	77300(+10%)	76660(+9%)	70383	✗	79165(+12%)
ERC721 -> ETH	Fulfill, w/ Sig	✗	194219(+100%)	98004(+1%)	97532	✗	148886(+53%)	97323
ERC1155 -> ETH List-On-Chain	List	✗	✗	53226	58226(+9%)	✗	✗	55546(+4%)
	Fulfill	✗	✗	73893(+1%)	73247	✗	✗	78629(+7%)
ERC1155 -> ETH	Fulfill, w/ Sig	✗	136656(+39%)	98609	98119	✗	✗	98783(+1%)
ERC721 -> ERC20 List-On-Chain	List	✗	✗	53490(+1%)	58490(+11%)	114024(+116%)	✗	52882
	Fulfill	✗	✗	83828(+1%)	83178	98494(+18%)	✗	102643(+23%)
ERC721 -> ERC20	Fulfill, w/ Sig	✗	126168(+18%)	108544(+2%)	108050(+1%)	✗	167502(+57%)	106901
ERC1155 -> ERC20 List-On-Chain	List	✗	✗	53478	58478(+9%)	✗	✗	53546
	Fulfill	✗	✗	84523(+1%)	83874	✗	✗	84207
ERC1155 -> ERC20	Fulfill w/ Sig	✗	127534(+18%)	109251(+1%)	108746	✗	✗	108349
ERC20 -> ERC721 List-On-Chain	List	✗	✗	53490(+28%)	58490(+40%)	41918	✗	52894(+26%)
	Fulfill	✗	✗	83964(+1%)	83314	84768(+2%)	✗	105116(+26%)
ERC20 -> ERC721	Fulfill w/ Sig	✗	126194(+18%)	108692(+1%)	108186(+1%)	✗	165575(+54%)	107374
ERC20 -> ERC1155 List-On-Chain	List	✗	✗	53478	58478(+9%)	✗	✗	53558
	Fulfill	✗	✗	84576(+1%)	83927	✗	✗	86815(+3%)
ERC20 -> ERC1155	Fulfill w/ Sig	✗	127531(+17%)	109304	108787	✗	✗	108969
ERC721 -> ERC1155 List-On-Chain	List	✗	✗	53490	58490(+9%)	✗	✗	✗
	Fulfill	✗	✗	94367(+3%)	91601	✗	✗	✗
ERC721 -> ERC1155	Fulfill w/ Sig	✗	✗	119156(+2%)	116512	✗	✗	✗
ERC1155 -> ERC721 List-On-Chain	List	✗	✗	53490	58490(+9%)	✗	✗	✗
	Fulfill	✗	✗	94367(+3%)	91601	✗	✗	✗
ERC1155 -> ERC721	Fulfill w/ Sig	✗	✗	119144(+2%)	116500	✗	✗	✗
ERC721 -> ETH One-Fee-Recipient List-On-Chain	List	69350(+26%)	✗	54990	61425(+12%)	✗	✗	56766(+3%)
	Fulfill	121148(+13%)	✗	107597(+1%)	106810	✗	✗	127785(+20%)
ERC721 -> ETH One-Fee-Recipient	Fulfill w/ Sig	✗	✗	134313(+2%)	133669(+1%)	✗	163873(+24%)	132032
ERC721 -> ETH Two-Fee-Recipient List-On-Chain	List	✗	✗	56723	64589(+14%)	✗	✗	61156(+8%)
	Fulfill	✗	✗	141845(+1%)	140912	✗	✗	163038(+16%)
ERC721 -> ETH Two-Fee-Recipient	Fullfil /w Sig	✗	✗	166573	165783	✗	198196(+20%)	167285(+1%)
ERC721x10 -> ETH List-On-Chain	List	✗	✗	67101	83130(+24%)	591074(+781%)	✗	✗
	Fulfill	✗	✗	178527(+23%)	172046(+19%)	145098	✗	✗
ERC721x10 -> ETH	Fulfill /w Sig	✗	✗	185317(+4%)	178958	✗	209628(+17%)	✗
ERC721x10 -> ETH Distinct Orders List-On-Chain	List	✗	✗	354647	402521(+13%)	981272(+177%)	✗	✗
	Fulfill	✗	✗	502904(+21%)	449907(+8%)	416183	✗	✗
ERC721x10 -> ETH Distinct Orders	Fulfill /w Sigs	✗	✗	746903(+61%)	695101(+50%)	✗	787225(+70%)	463350
ERC721x10 -> ERC20 Distinct Orders List-On-Chain	List	✗	✗	357167	405041(+13%)	✗	✗	✗
	Fulfill	✗	✗	513692(+11%)	460728	✗	✗	✗
ERC721x10 -> ERC20 Distinct Orders	Fulfill /w Sigs	✗	✗	759715(+81%)	707958(+68%)	✗	1027971(+145%)	420270
ERC721 A -> B -> C -> A	Fulfill /w Sigs	✗	✗	246876(+5%)	235521	✗	✗	✗